

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093025\
 Data File : VN087989.D
 Acq On : 30 Sep 2025 09:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 01 04:35:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/01/2025
 Supervised By : Mahesh Dadoda 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.206	168	246823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	457474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	440571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	240894	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.559	65	224836	54.127	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.260%	
35) Dibromofluoromethane	8.147	113	170748	51.407	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.820%	
50) Toluene-d8	10.547	98	612354	52.425	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.860%	
62) 4-Bromofluorobenzene	12.829	95	221406	53.030	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.060%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	122752	42.944	ug/l	96
3) Chloromethane	2.383	50	132515	45.277	ug/l	99
4) Vinyl Chloride	2.536	62	133232	44.620	ug/l	99
5) Bromomethane	2.965	94	87531	47.285	ug/l	91
6) Chloroethane	3.136	64	92606	47.699	ug/l	98
7) Trichlorofluoromethane	3.500	101	219021	45.051	ug/l	99
8) Diethyl Ether	3.959	74	83699	45.571	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	118896	46.272	ug/l	99
10) Methyl Iodide	4.577	142	133619	57.779	ug/l	95
11) Tert butyl alcohol	5.524	59	148198	247.700	ug/l	99
12) 1,1-Dichloroethene	4.342	96	122217	47.139	ug/l	95
13) Acrolein	4.177	56	146922	191.385	ug/l	96
14) Allyl chloride	5.012	41	190314	45.088	ug/l	99
15) Acrylonitrile	5.712	53	460859	245.567	ug/l	99
16) Acetone	4.424	43	481963	282.002	ug/l	98
17) Carbon Disulfide	4.700	76	341665	42.178	ug/l	97
18) Methyl Acetate	5.018	43	233357	54.559	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	484632	47.851	ug/l	97
20) Methylene Chloride	5.265	84	157621	45.564	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	143372	45.108	ug/l	91
22) Diisopropyl ether	6.659	45	480246	48.739	ug/l	98
23) Vinyl Acetate	6.588	43	2191368	264.131	ug/l	98
24) 1,1-Dichloroethane	6.547	63	268605	46.660	ug/l	99
25) 2-Butanone	7.471	43	689263	263.859	ug/l	99
26) 2,2-Dichloropropane	7.471	77	241977	47.310	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	176749	46.737	ug/l	99
28) Bromochloromethane	7.800	49	130814	41.824	ug/l	97
29) Tetrahydrofuran	7.824	42	424597	253.845	ug/l	99
30) Chloroform	7.947	83	299753	47.622	ug/l	96
31) Cyclohexane	8.235	56	205706	44.162	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	247942	46.618	ug/l	99
36) 1,1-Dichloropropene	8.353	75	184714	46.249	ug/l	98
37) Ethyl Acetate	7.547	43	253193	48.276	ug/l	98
38) Carbon Tetrachloride	8.341	117	210068	45.836	ug/l	96
39) Methylcyclohexane	9.582	83	200002	45.394	ug/l	97
40) Benzene	8.588	78	619585	46.853	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	138616	51.142	ug/l	97
42) 1,2-Dichloroethane	8.653	62	226071	45.810	ug/l	99
43) Isopropyl Acetate	8.671	43	394875	47.832	ug/l	99
44) Trichloroethene	9.335	130	143398	45.396	ug/l	93
45) 1,2-Dichloropropane	9.600	63	158446	47.782	ug/l	92
46) Dibromomethane	9.688	93	121648	46.491	ug/l	98
47) Bromodichloromethane	9.865	83	241410	47.040	ug/l	95
48) Methyl methacrylate	9.665	41	187516	49.049	ug/l	98
49) 1,4-Dioxane	9.682	88	60953	1079.231	ug/l #	83
51) 4-Methyl-2-Pentanone	10.424	43	1304084	253.152	ug/l	99
52) Toluene	10.612	92	382293	46.068	ug/l	94
53) t-1,3-Dichloropropene	10.818	75	243282	46.318	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	255239	46.788	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	159756	47.346	ug/l	98
56) Ethyl methacrylate	10.859	69	241991	49.634	ug/l	99
57) 1,3-Dichloropropane	11.141	76	266775	48.069	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	626218	273.173	ug/l	99
59) 2-Hexanone	11.176	43	928261	272.520	ug/l	100
60) Dibromochloromethane	11.341	129	187008	47.138	ug/l	99
61) 1,2-Dibromoethane	11.447	107	166137	46.510	ug/l	98
64) Tetrachloroethene	11.082	164	121641	45.326	ug/l	98
65) Chlorobenzene	11.870	112	439053	46.829	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.941	131	159614	47.209	ug/l	98
67) Ethyl Benzene	11.941	91	731776	46.775	ug/l	95
68) m/p-Xylenes	12.047	106	572279	95.647	ug/l	99
69) o-Xylene	12.376	106	275428	47.914	ug/l	99
70) Styrene	12.388	104	489954	49.628	ug/l	98
71) Bromoform	12.559	173	130246	47.482	ug/l #	99
73) Isopropylbenzene	12.670	105	699419	46.847	ug/l	100
74) N-amyl acetate	12.506	43	220024m	44.727	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	251773	46.804	ug/l	97
76) 1,2,3-Trichloropropane	12.970	75	235162m	49.523	ug/l	
77) Bromobenzene	12.959	156	181987	45.813	ug/l	99
78) n-propylbenzene	13.012	91	874587	46.853	ug/l	100
79) 2-Chlorotoluene	13.106	91	533436	46.934	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	616506	47.739	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	80176	46.885	ug/l	97
82) 4-Chlorotoluene	13.200	91	545162	47.602	ug/l	99
83) tert-Butylbenzene	13.417	119	508028	46.477	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	642488	48.504	ug/l	99
85) sec-Butylbenzene	13.594	105	755277	47.129	ug/l	100
86) p-Isopropyltoluene	13.706	119	635691	46.834	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	355627	45.877	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	367269	46.102	ug/l	97
89) n-Butylbenzene	14.035	91	598611	46.667	ug/l	99
90) Hexachloroethane	14.311	117	128062	45.168	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	342035	45.775	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	57715	46.175	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	202306	45.856	ug/l	97
94) Hexachlorobutadiene	15.476	225	71829	44.235	ug/l	97
95) Naphthalene	15.611	128	668258	47.188	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	200288	46.698	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Manual Integrations

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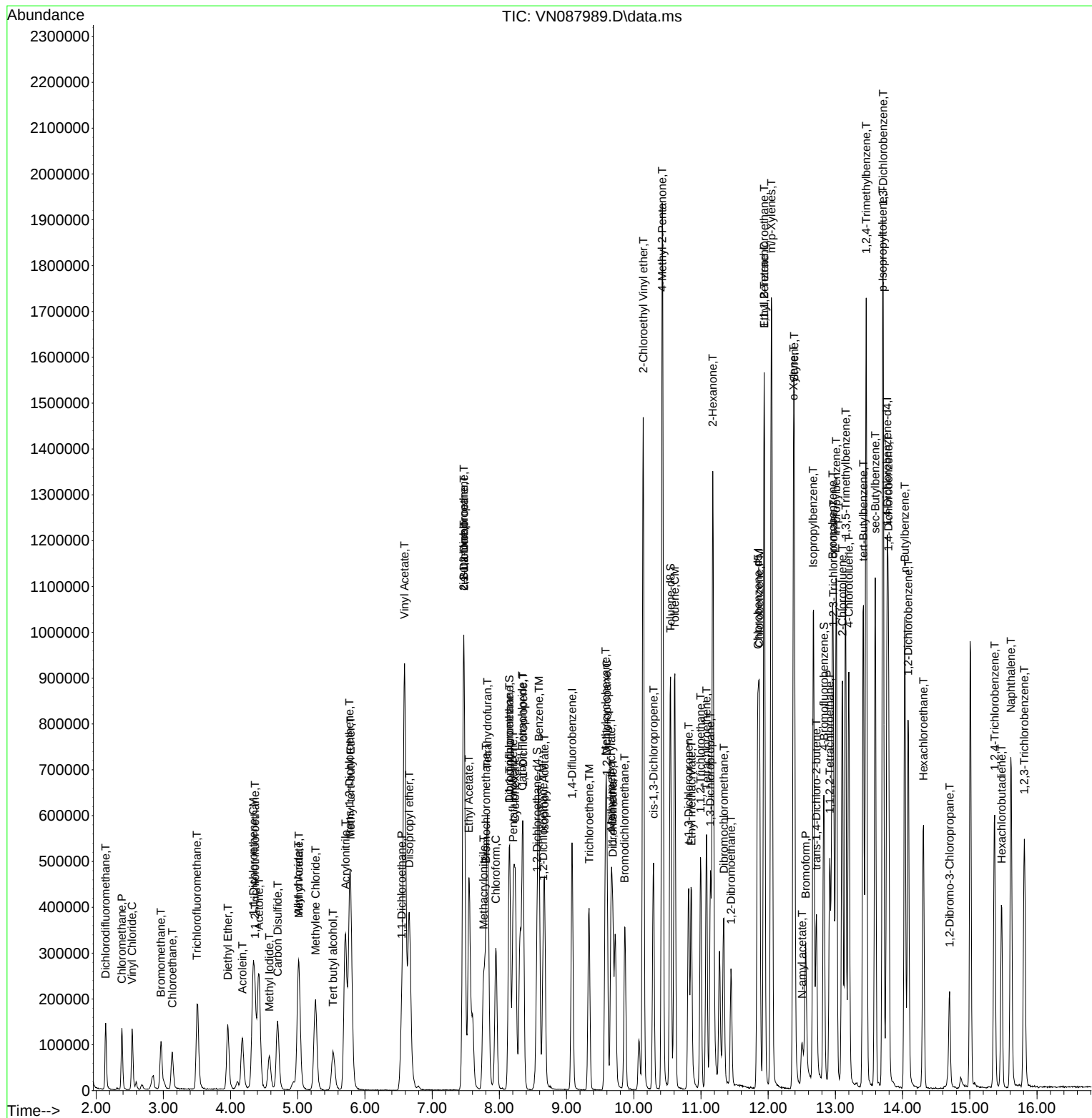
Quant Time: Oct 01 04:35:28 2025

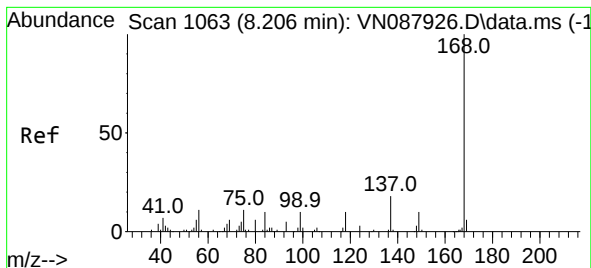
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M

Quant Title : SW846 8260

QLast Update : Wed Sep 24 05:05:30 2025

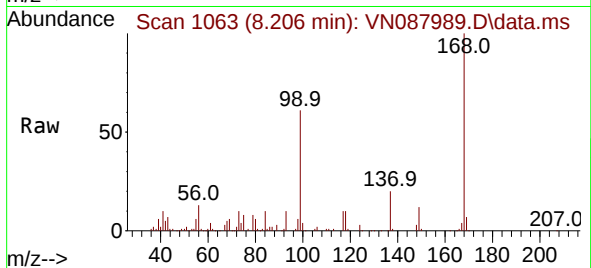
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

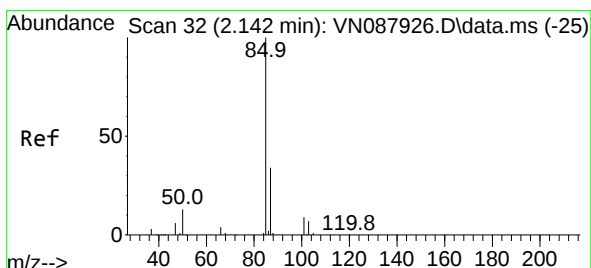
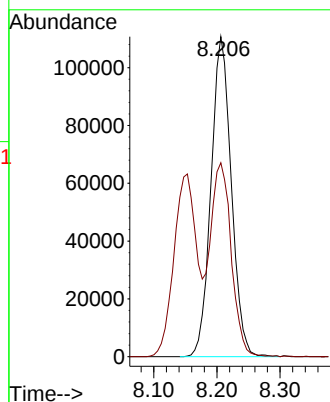
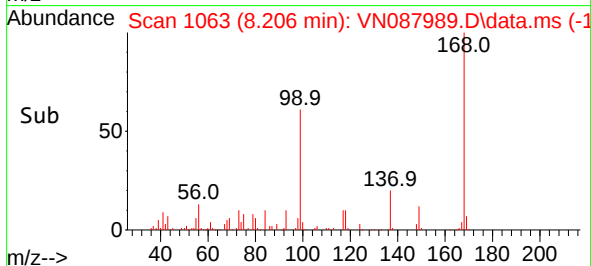
Instrument :
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VSTDCCC050



Tgt Ion:168 Resp: 24682
Ion Ratio Lower Upper
168 100
99 60.6 52.2 78.2

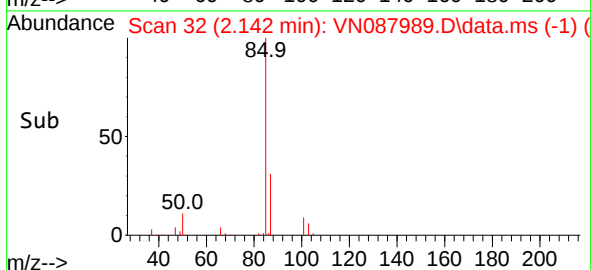
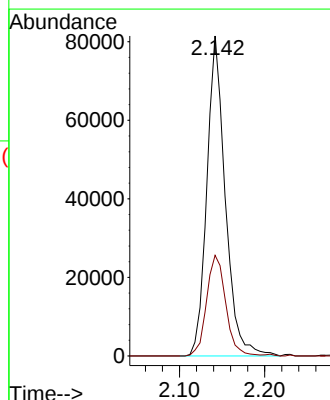
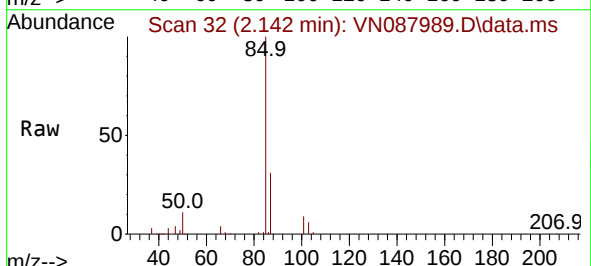
Manual Integrations
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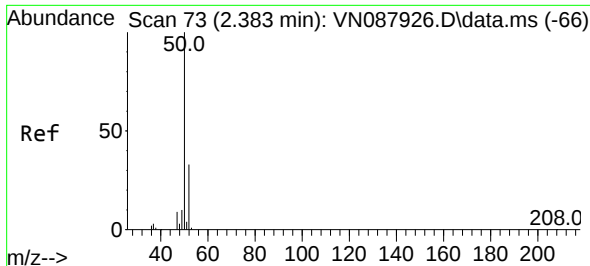
Reviewed By :John Carlone 10/01/2025
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#2
Dichlorodifluoromethane
Concen: 42.944 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

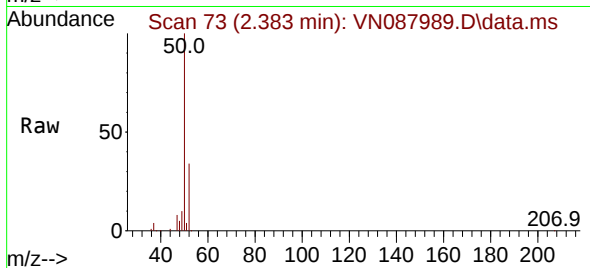
Tgt Ion: 85 Resp: 122752
Ion Ratio Lower Upper
85 100
87 31.4 16.9 50.6





#3
Chloromethane
Concen: 45.277 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

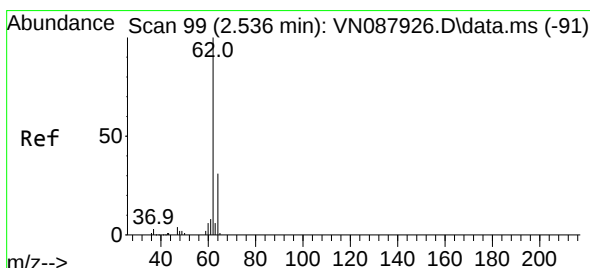
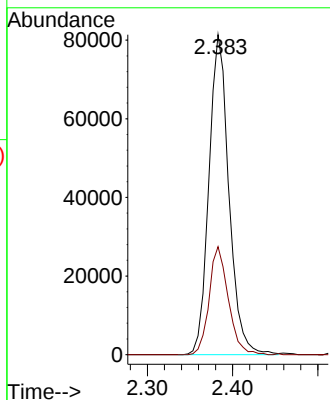
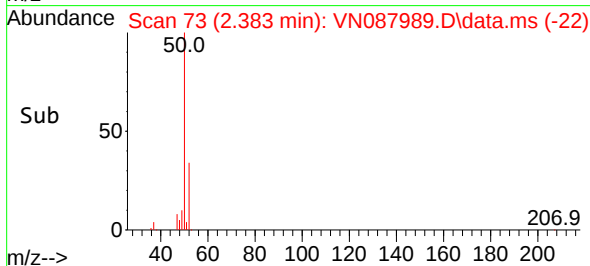
Instrument :
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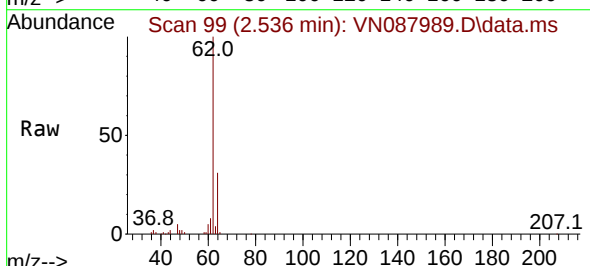
Tgt Ion: 50 Resp: 132515
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0

Manual Integrations
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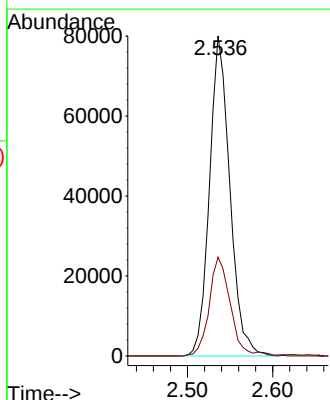
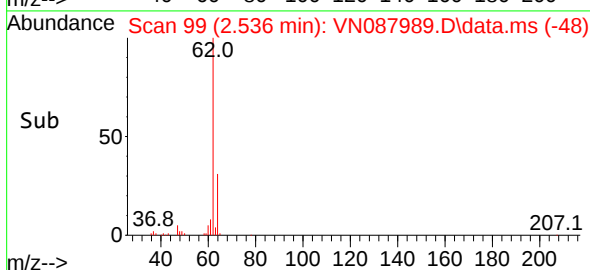
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

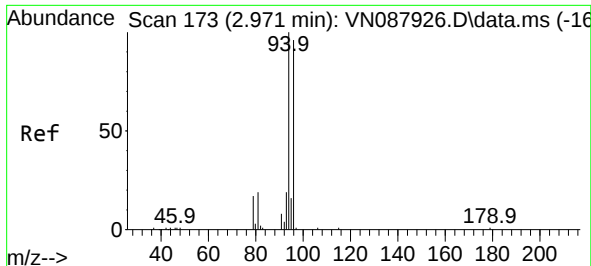


#4
Vinyl Chloride
Concen: 44.620 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



Tgt Ion: 62 Resp: 133232
Ion Ratio Lower Upper
62 100
64 30.8 25.2 37.8





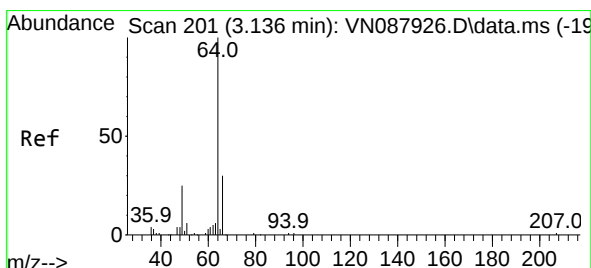
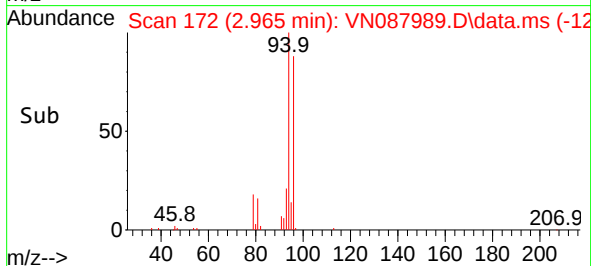
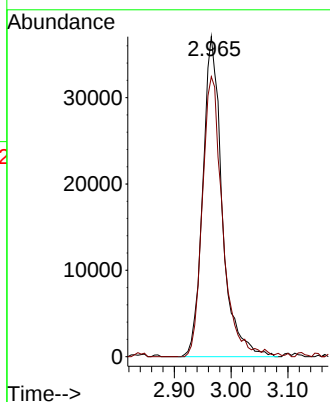
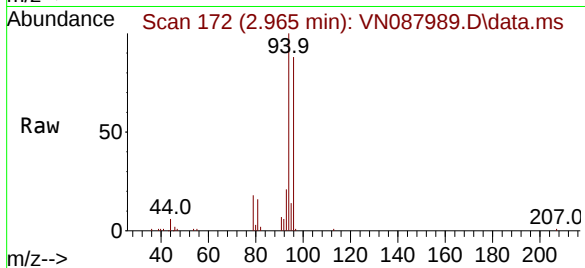
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Bromomethane
Concen: 47.285 ug/l
RT: 2.965 min Scan# 173
Delta R.T. -0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

Instrument :
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Tgt Ion: 94 Resp: 8753
Ion Ratio Lower Upper
94 100
96 87.5 76.8 115.2

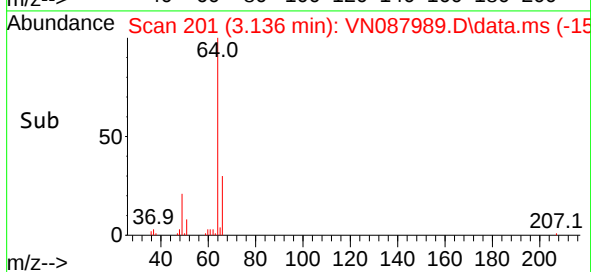
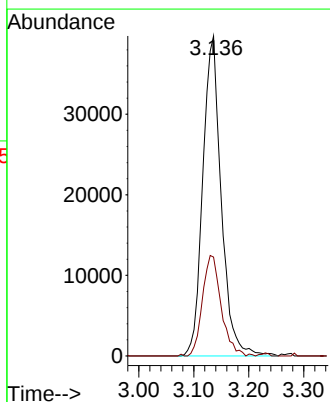
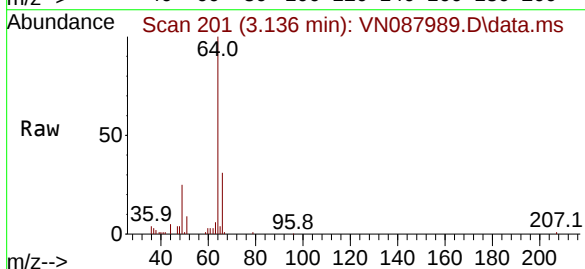
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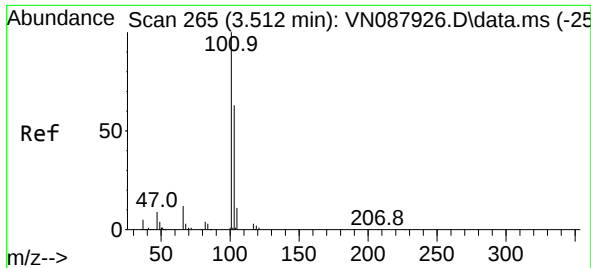
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#6
Chloroethane
Concen: 47.699 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

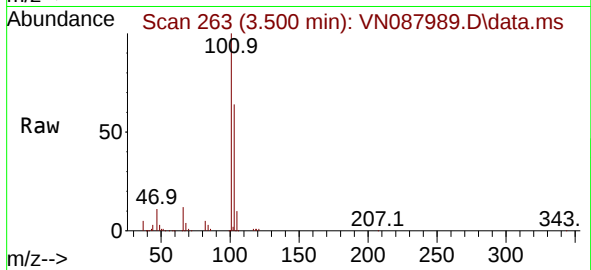
Tgt Ion: 64 Resp: 92606
Ion Ratio Lower Upper
64 100
66 30.9 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 45.051 ug/l
 RT: 3.500 min Scan# 21902
 Delta R.T. -0.012 min
 Lab File: VN087989.D
 Acq: 30 Sep 2025 09:00

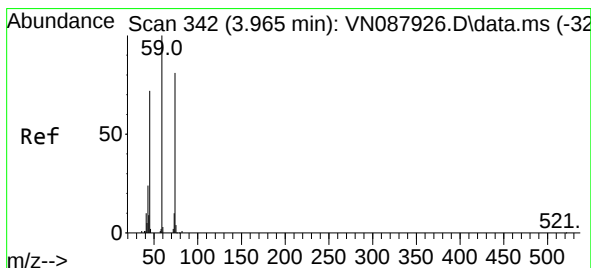
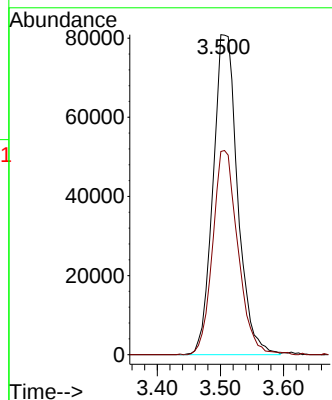
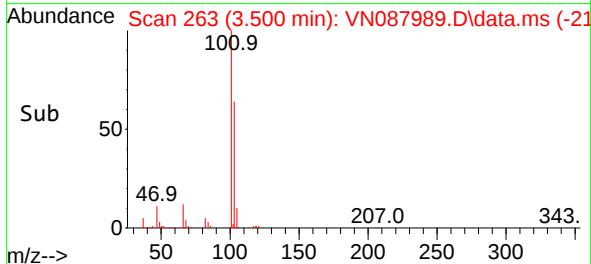
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 21902
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.2 75.4

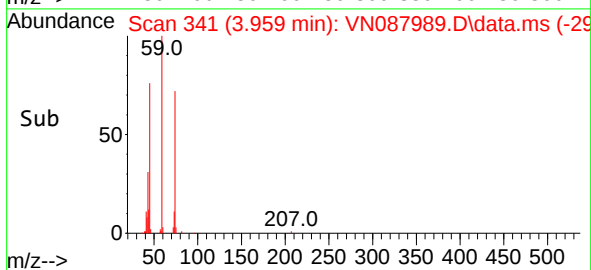
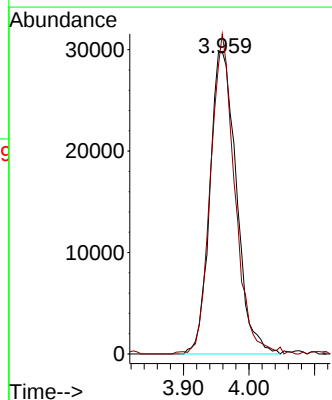
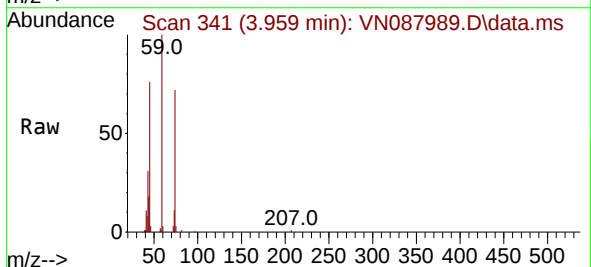
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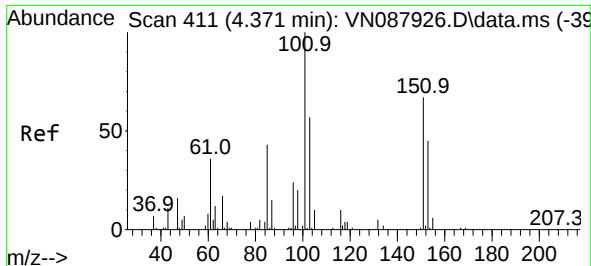
Reviewed By :John Carlone 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#8
 Diethyl Ether
 Concen: 45.571 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087989.D
 Acq: 30 Sep 2025 09:00

Tgt Ion: 74 Resp: 83699
 Ion Ratio Lower Upper
 74 100
 45 97.0 45.4 136.1





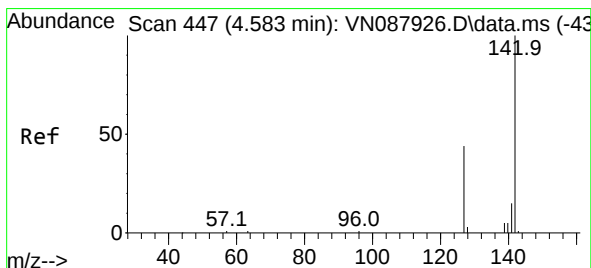
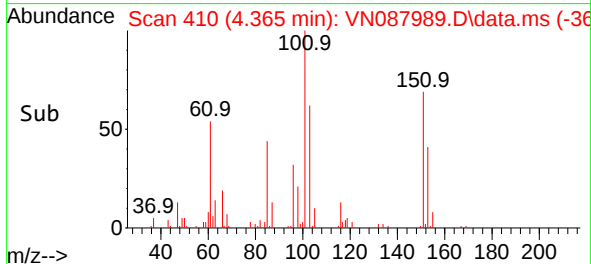
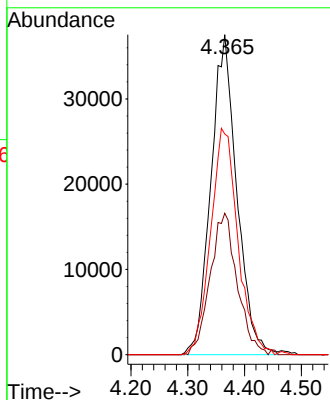
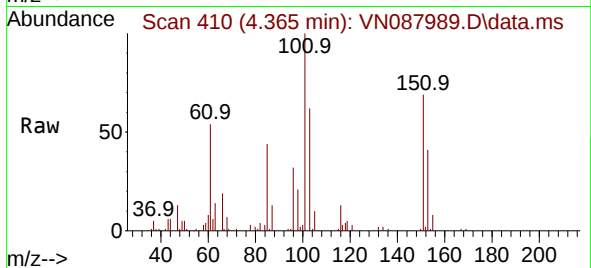
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.272 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 118890
Ion Ratio Lower Upper
101 100
85 46.2 36.5 54.7
151 74.5 58.6 87.8

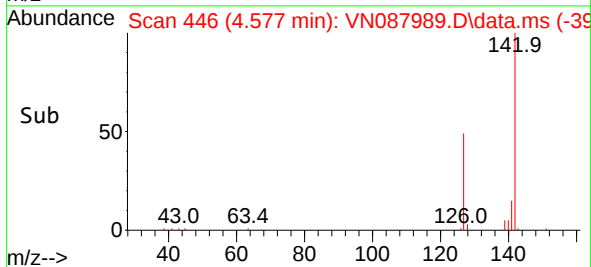
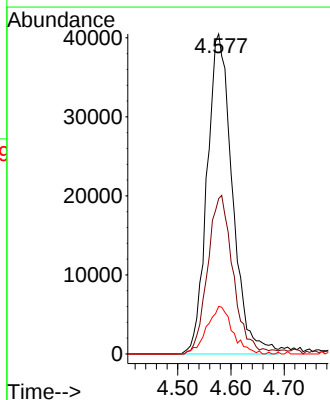
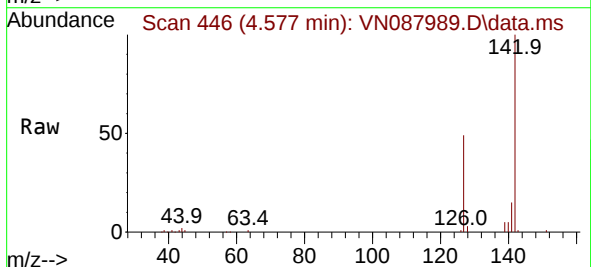
Manual Integrations
APPROVED

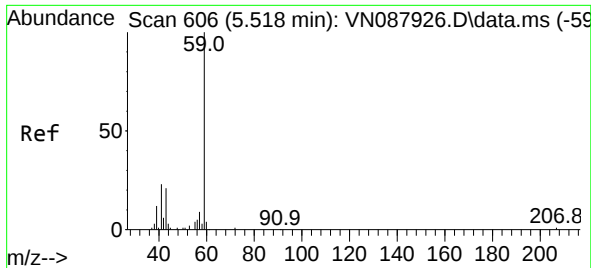
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#10
Methyl Iodide
Concen: 57.779 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

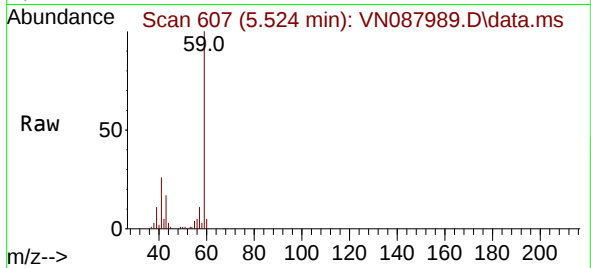
Tgt Ion:142 Resp: 133619
Ion Ratio Lower Upper
142 100
127 48.6 35.3 52.9
141 14.8 11.8 17.8





#11
Tert butyl alcohol
Concen: 247.700 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

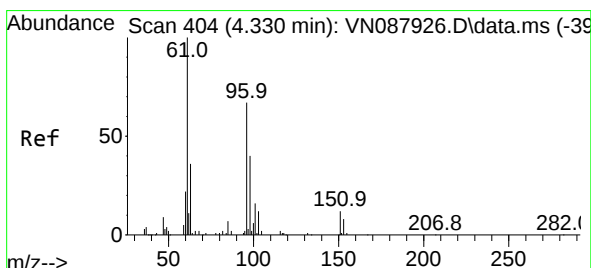
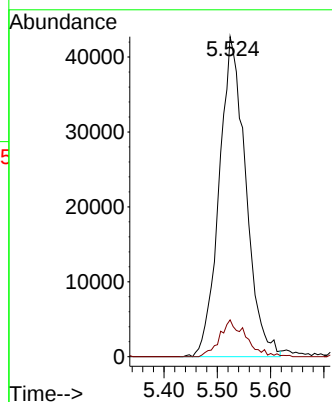
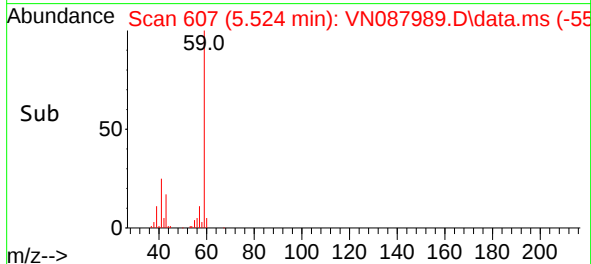
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



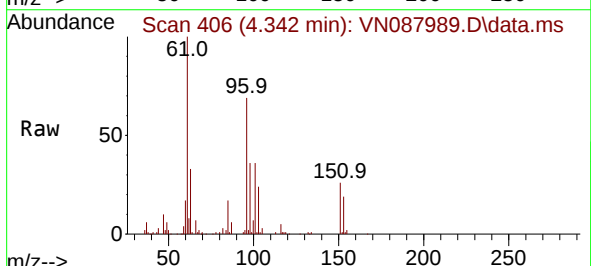
Tgt Ion: 59 Resp: 148198
Ion Ratio Lower Upper
59 100
57 11.3 8.8 13.2

Manual Integrations
APPROVED

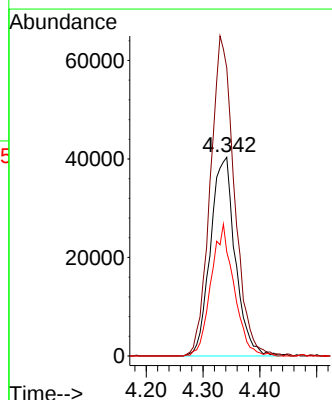
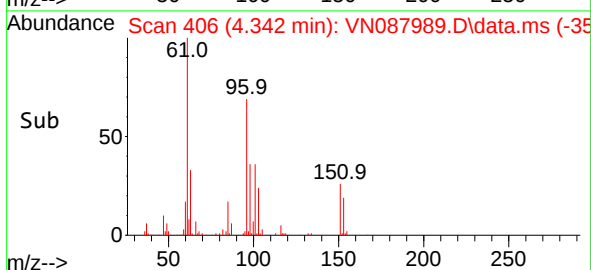
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

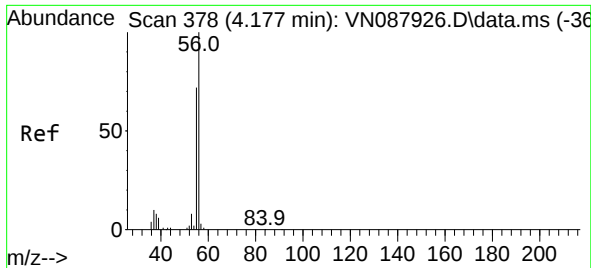


#12
1,1-Dichloroethene
Concen: 47.139 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



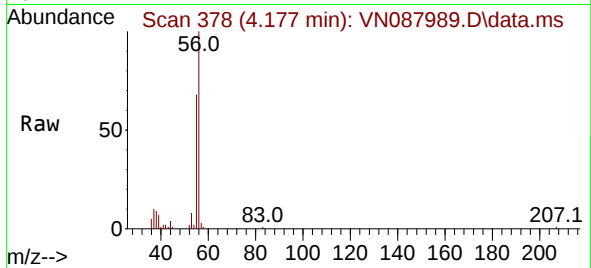
Tgt Ion: 96 Resp: 122217
Ion Ratio Lower Upper
96 100
61 145.0 119.2 178.8
98 52.3 47.5 71.3





#13
Acrolein
Concen: 191.385 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

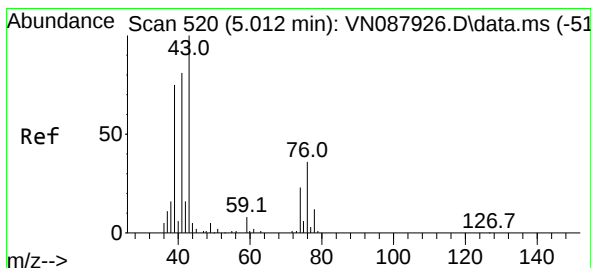
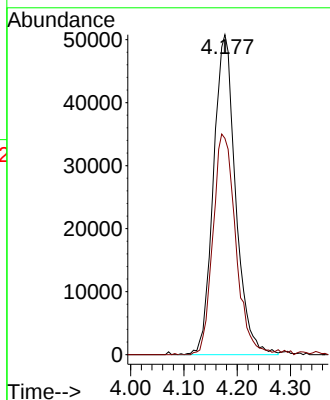
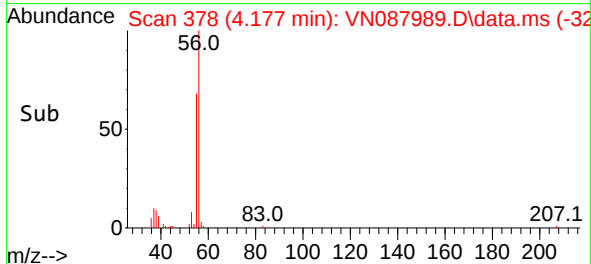
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 14692
Ion Ratio Lower Upper
56 100
55 70.6 59.3 88.9

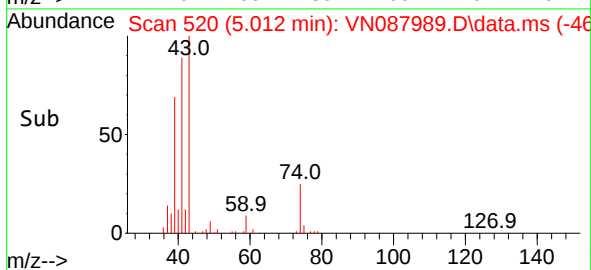
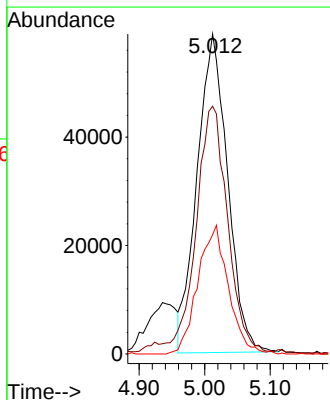
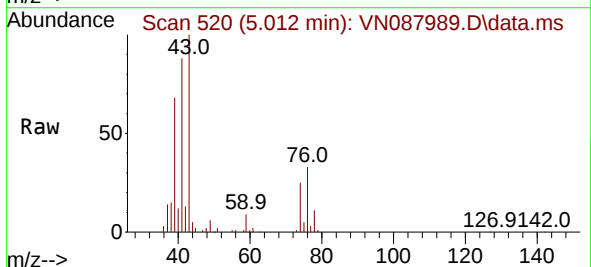
Manual Integrations
APPROVED

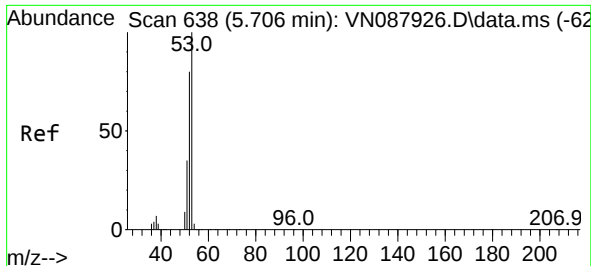
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#14
Allyl chloride
Concen: 45.088 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

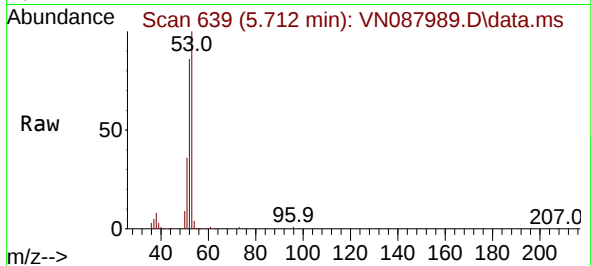
Tgt Ion: 41 Resp: 190314
Ion Ratio Lower Upper
41 100
39 79.3 63.8 95.8
76 40.3 33.0 49.6





#15
Acrylonitrile
Concen: 245.567 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

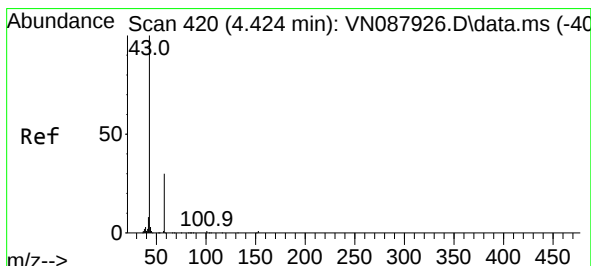
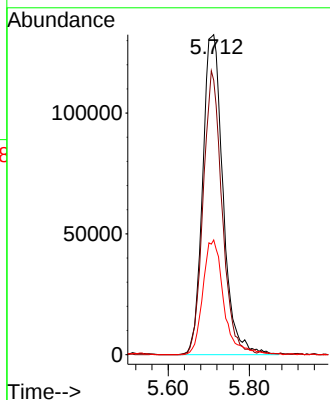
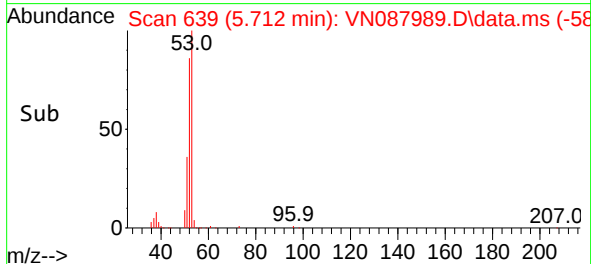
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 460859
Ion Ratio Lower Upper
53 100
52 82.3 66.6 99.8
51 36.9 29.0 43.4

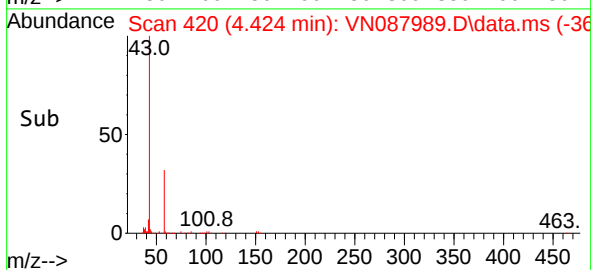
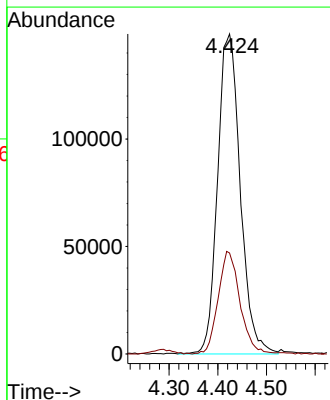
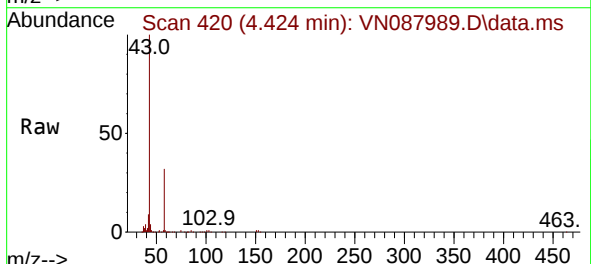
Manual Integrations
APPROVED

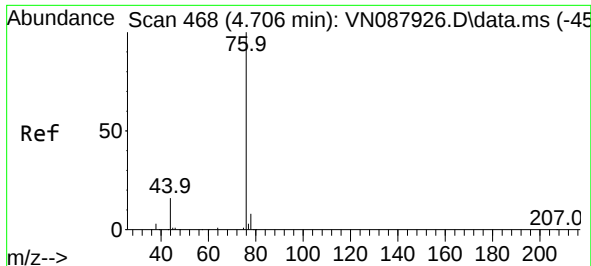
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#16
Acetone
Concen: 282.002 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

Tgt Ion: 43 Resp: 481963
Ion Ratio Lower Upper
43 100
58 31.2 24.1 36.1





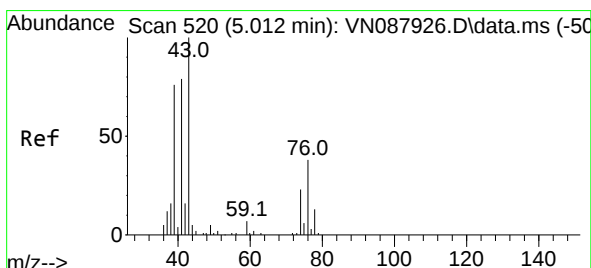
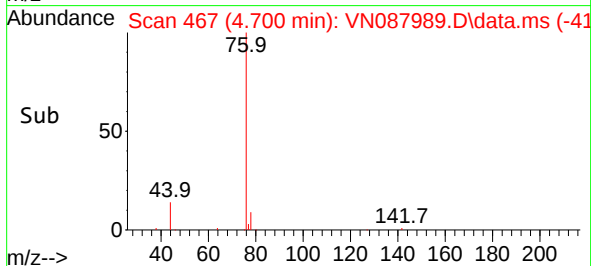
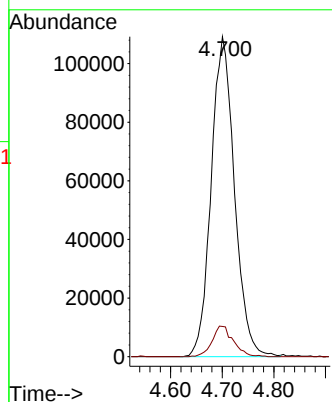
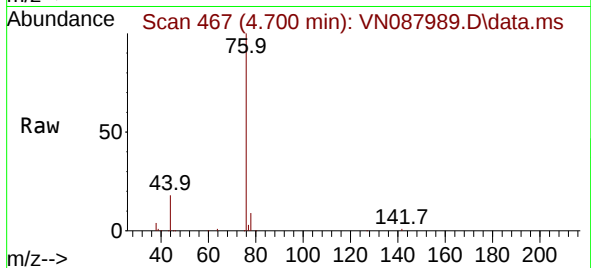
#17
Carbon Disulfide
Concen: 42.178 ug/l
RT: 4.700 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 34166
Ion Ratio Lower Upper
76 100
78 9.5 6.7 10.1

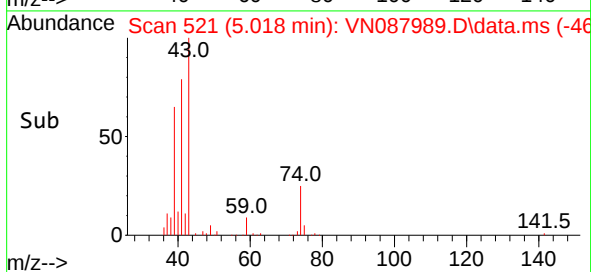
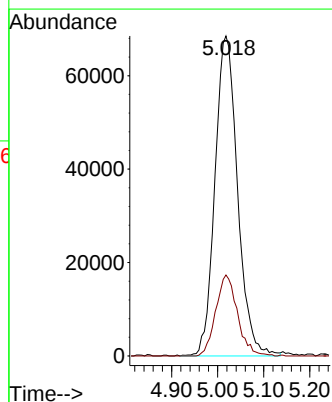
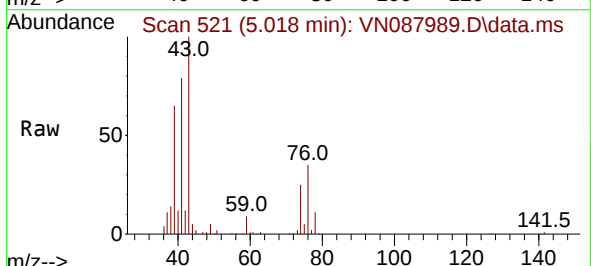
Manual Integrations
APPROVED

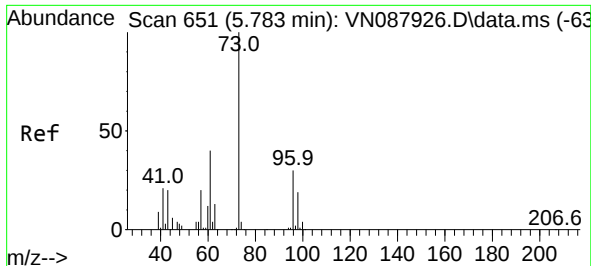
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#18
Methyl Acetate
Concen: 54.559 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

Tgt Ion: 43 Resp: 233357
Ion Ratio Lower Upper
43 100
74 24.3 19.7 29.5





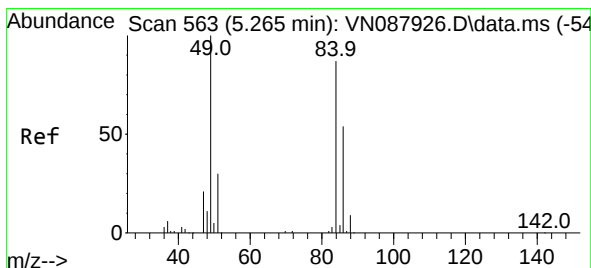
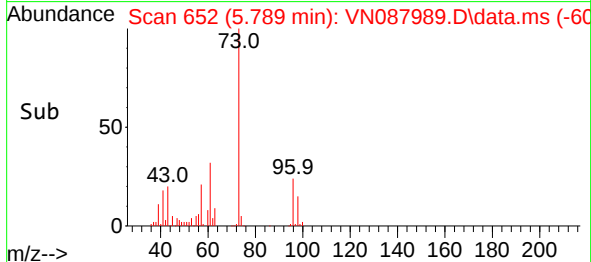
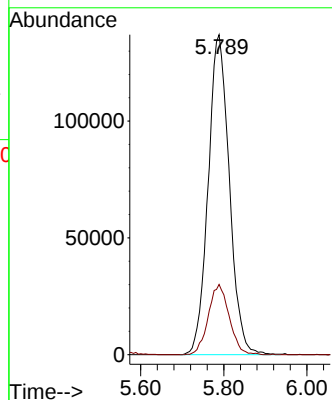
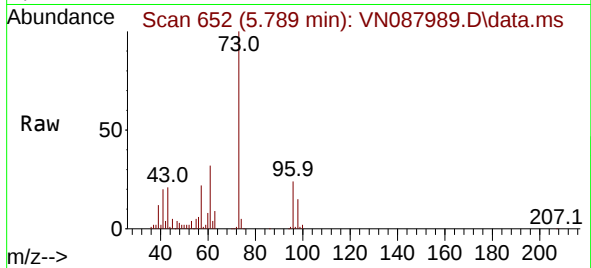
#19
Methyl tert-butyl Ether
Concen: 47.851 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 484632
Ion Ratio Lower Upper
73 100
57 22.0 16.3 24.5

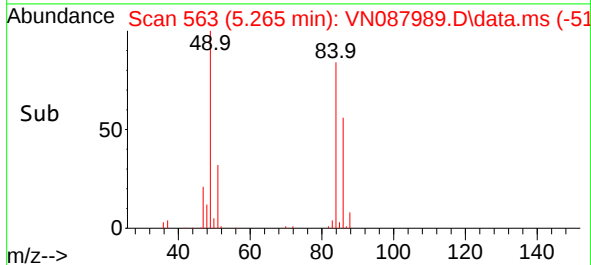
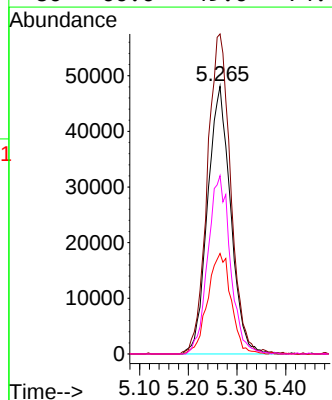
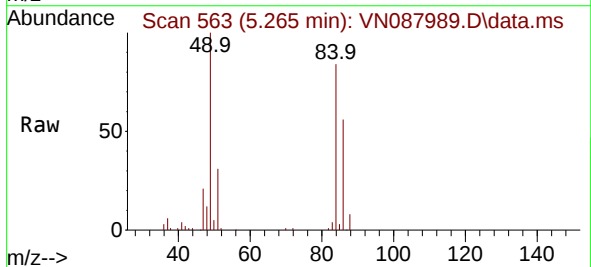
Manual Integrations
APPROVED

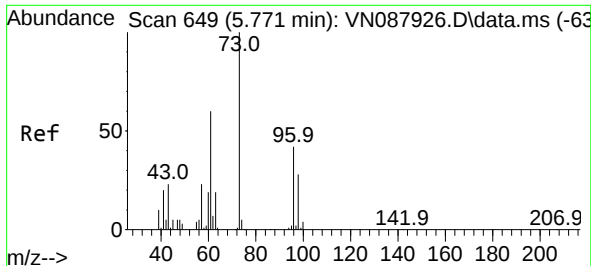
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#20
Methylene Chloride
Concen: 45.564 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

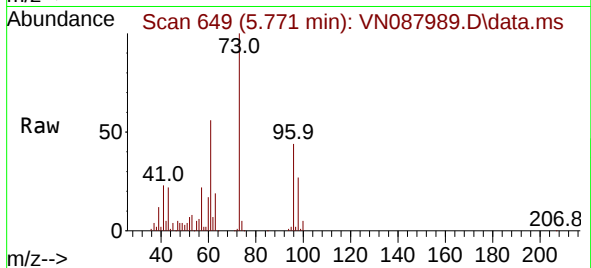
Tgt Ion: 84 Resp: 157621
Ion Ratio Lower Upper
84 100
49 119.5 92.1 138.1
51 37.5 27.7 41.5
86 66.6 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 45.108 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

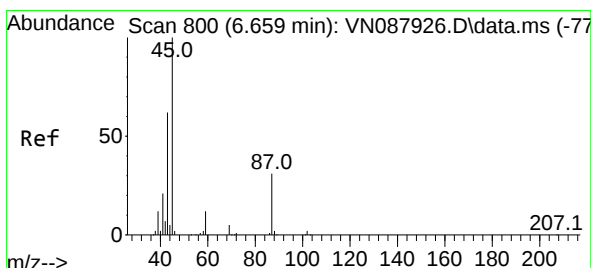
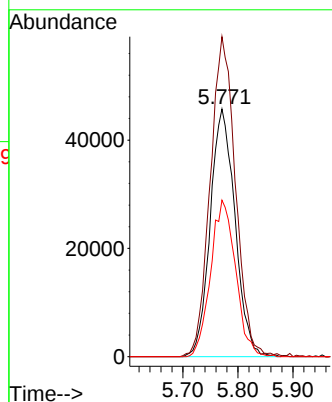
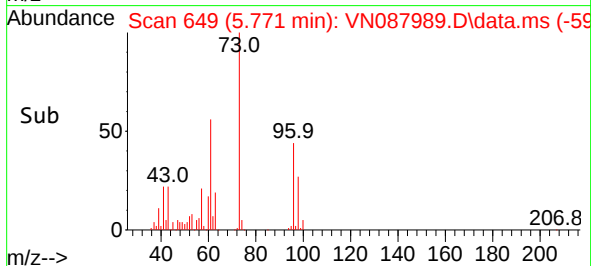
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 143372
Ion Ratio Lower Upper
96 100
61 129.2 114.4 171.6
98 63.2 53.6 80.4

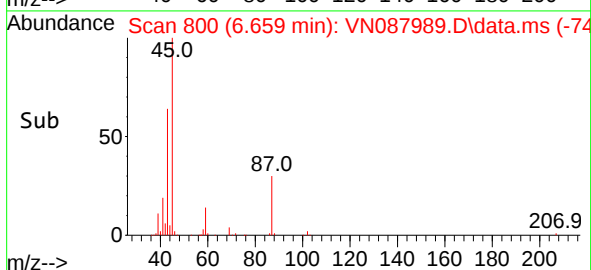
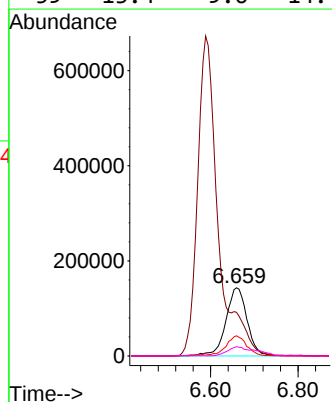
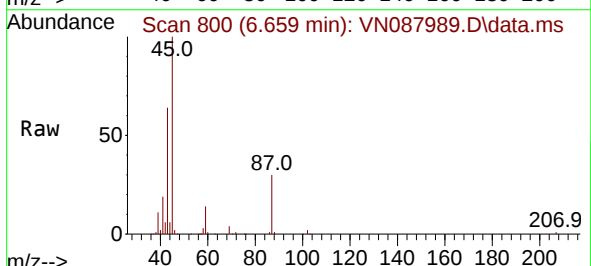
Manual Integrations
APPROVED

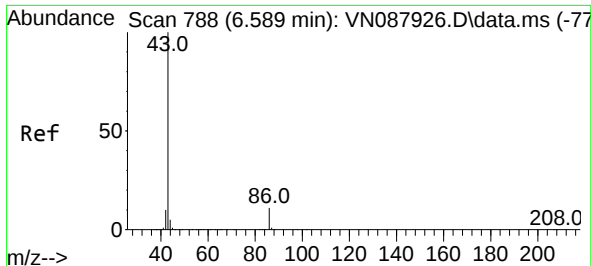
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#22
Diisopropyl ether
Concen: 48.739 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

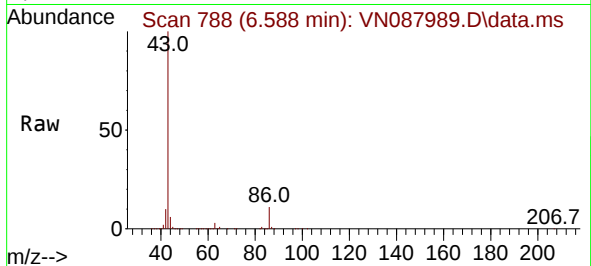
Tgt Ion: 45 Resp: 480246
Ion Ratio Lower Upper
45 100
43 63.1 49.9 74.9
87 29.4 25.2 37.8
59 13.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 264.131 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087989.D
 Acq: 30 Sep 2025 09:00

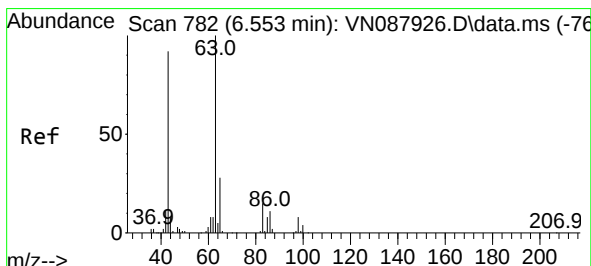
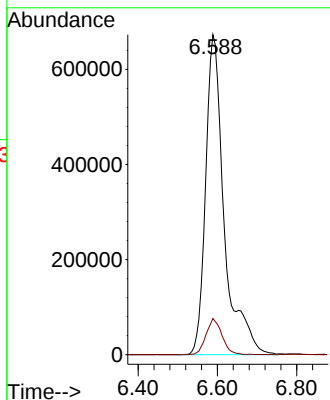
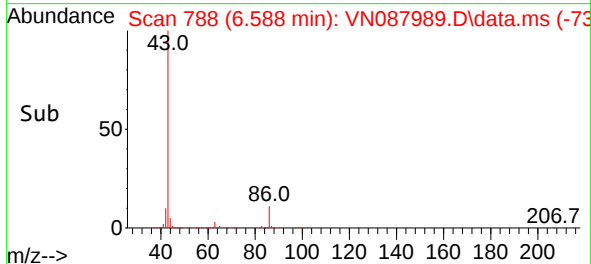
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



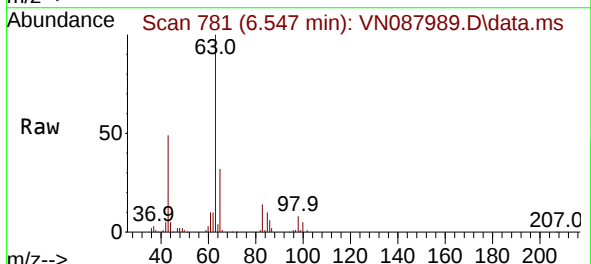
Tgt Ion: 43 Resp: 219136
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8

Manual Integrations
 APPROVED

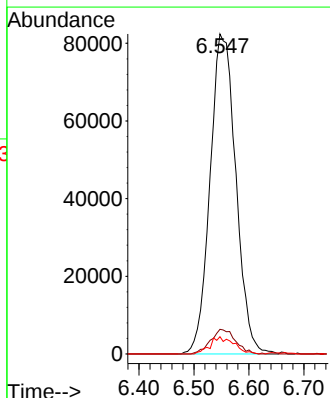
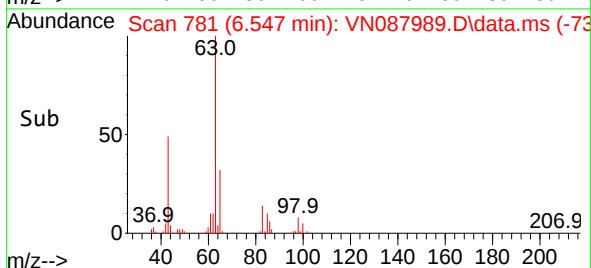
Reviewed By :John Carlone 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025

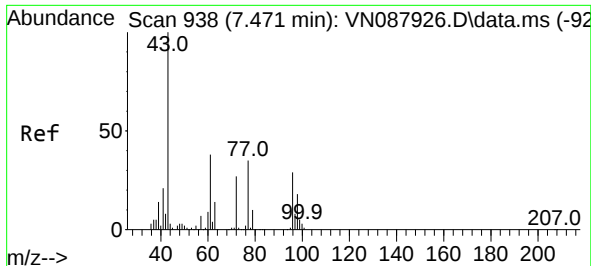


#24
 1,1-Dichloroethane
 Concen: 46.660 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.006 min
 Lab File: VN087989.D
 Acq: 30 Sep 2025 09:00



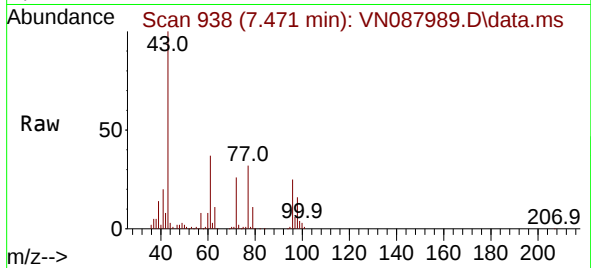
Tgt Ion: 63 Resp: 268605
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.5
 100 5.4 2.1 6.5





#25
2-Butanone
Concen: 263.859 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

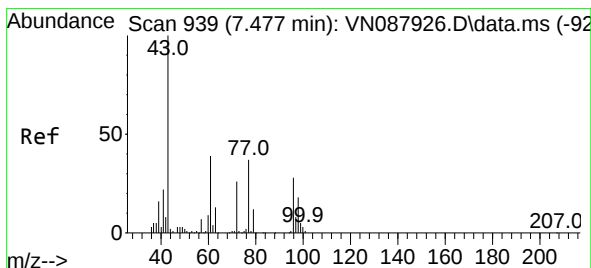
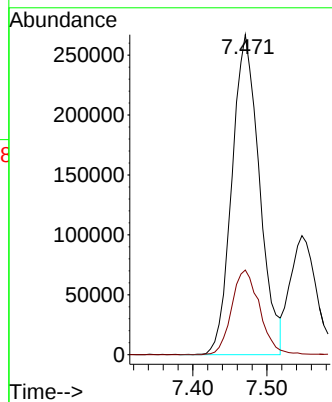
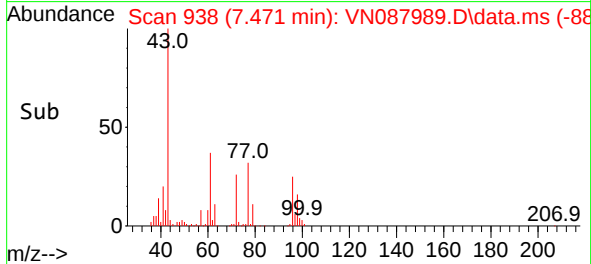
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 68926
Ion Ratio Lower Upper
43 100
72 26.5 21.5 32.3

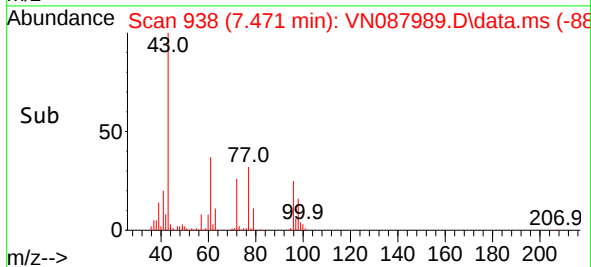
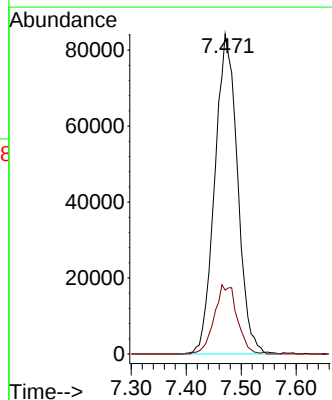
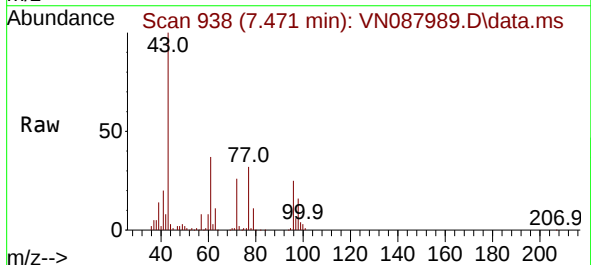
Manual Integrations
APPROVED

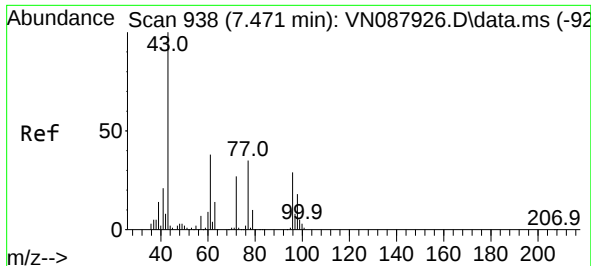
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#26
2,2-Dichloropropane
Concen: 47.310 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

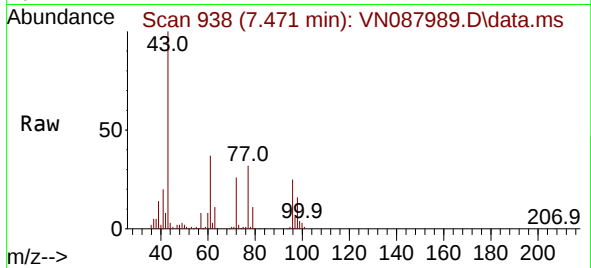
Tgt Ion: 77 Resp: 241977
Ion Ratio Lower Upper
77 100
97 21.7 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 46.737 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN087989.D
 Acq: 30 Sep 2025 09:00

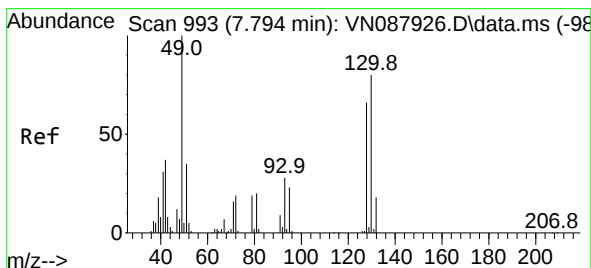
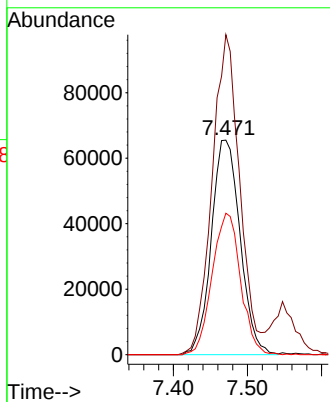
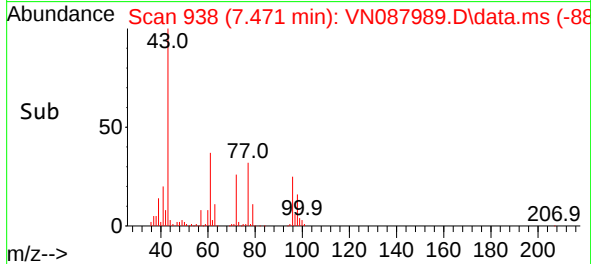
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 176749
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 283.0
 98 64.9 0.0 127.6

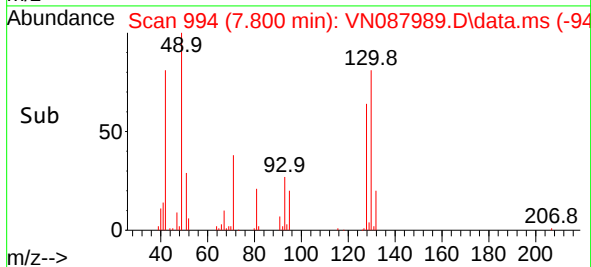
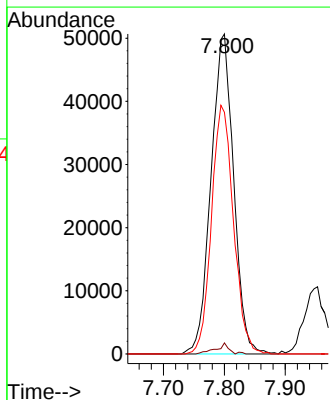
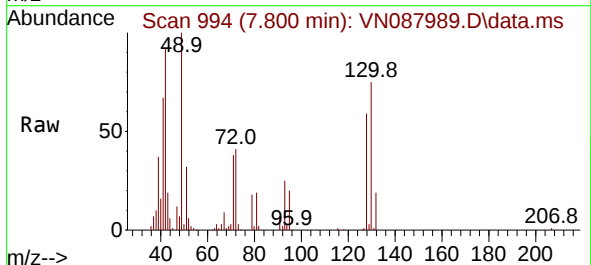
Manual Integrations
 APPROVED

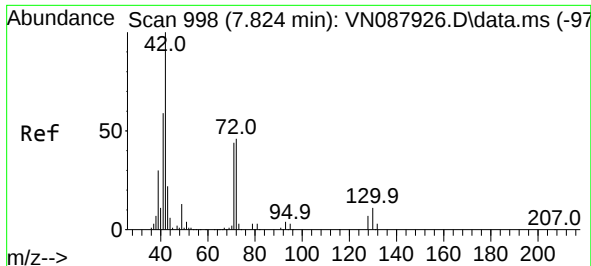
Reviewed By :John Carlone 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#28
 Bromochloromethane
 Concen: 41.824 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN087989.D
 Acq: 30 Sep 2025 09:00

Tgt Ion: 49 Resp: 130814
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 5.4
 130 75.7 62.6 94.0





#29

Tetrahydrofuran

Concen: 253.845 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087989.D

Acq: 30 Sep 2025 09:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 42459

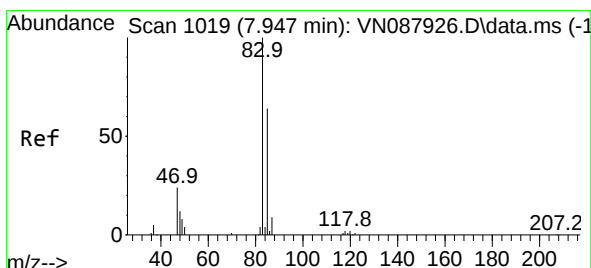
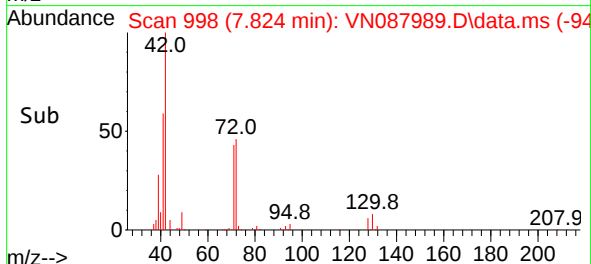
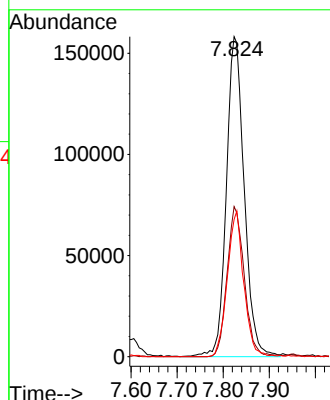
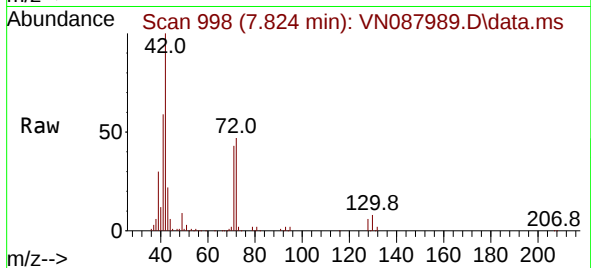
Ion	Ratio	Lower	Upper
42	100		
72	45.3	36.5	54.7
71	41.8	33.8	50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#30

Chloroform

Concen: 47.622 ug/l

RT: 7.947 min Scan# 1019

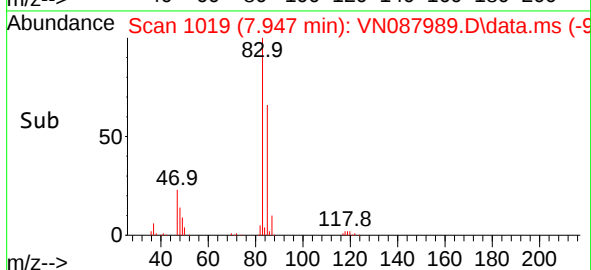
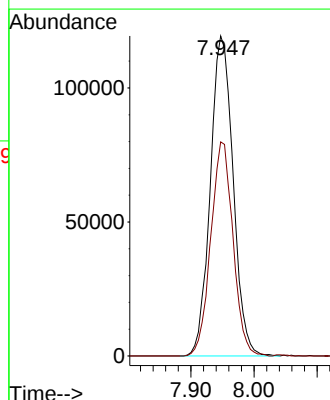
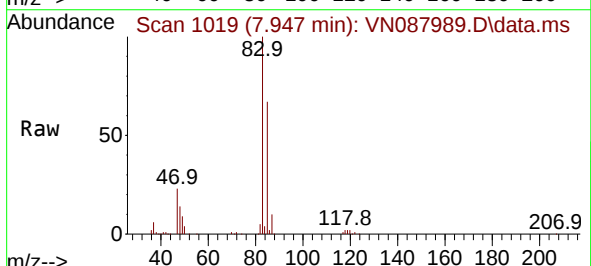
Delta R.T. -0.000 min

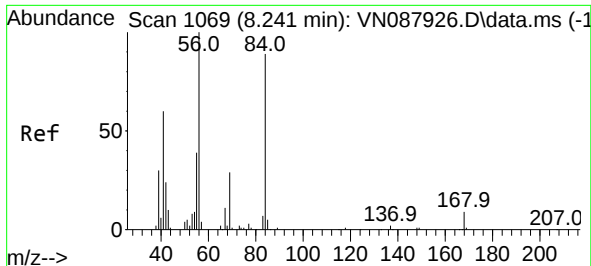
Lab File: VN087989.D

Acq: 30 Sep 2025 09:00

Tgt Ion: 83 Resp: 299753

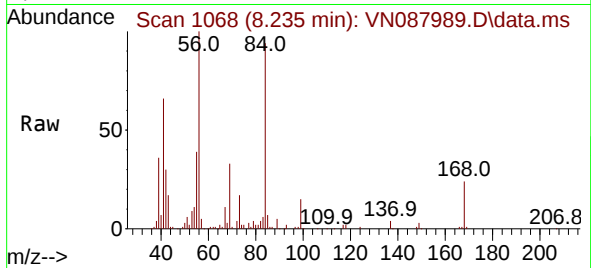
Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.9	76.3





#31
Cyclohexane
Concen: 44.162 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

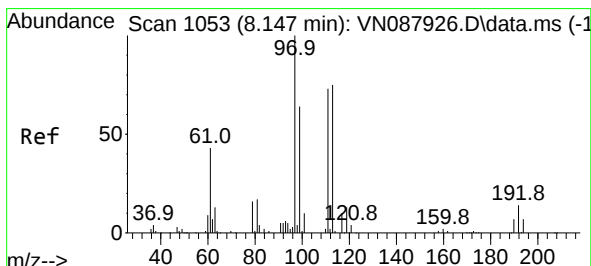
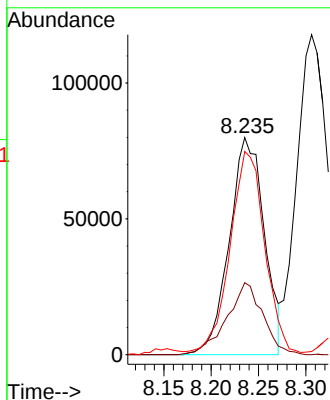
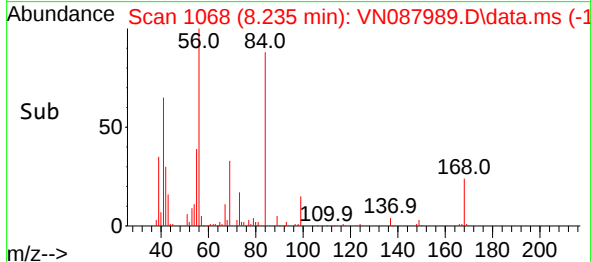
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 205700
Ion Ratio Lower Upper
56 100
69 33.1 23.4 35.0
84 91.9 70.8 106.2

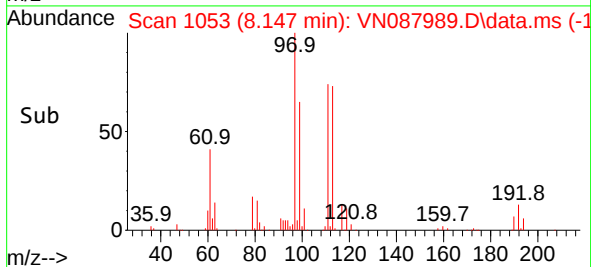
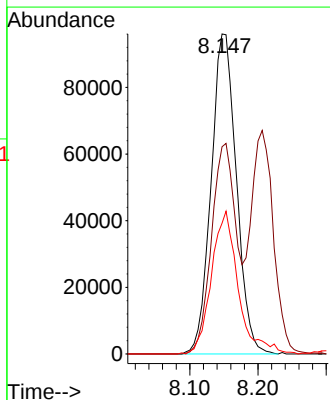
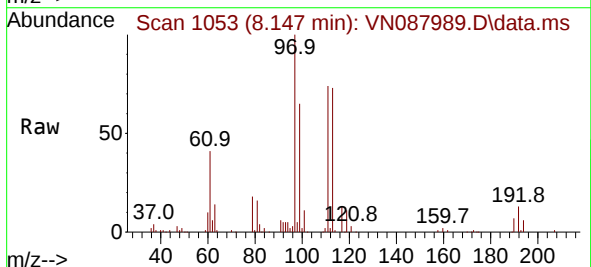
Manual Integrations
APPROVED

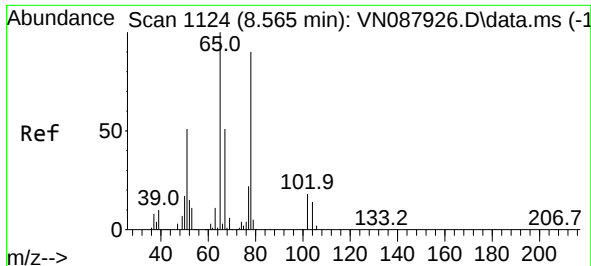
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#32
1,1,1-Trichloroethane
Concen: 46.618 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

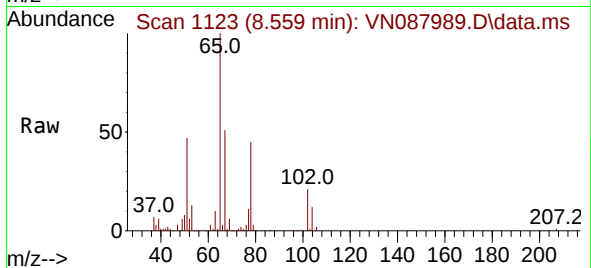
Tgt Ion: 97 Resp: 247942
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 47.3 38.6 58.0





#33
1,2-Dichloroethane-d4
Concen: 54.127 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

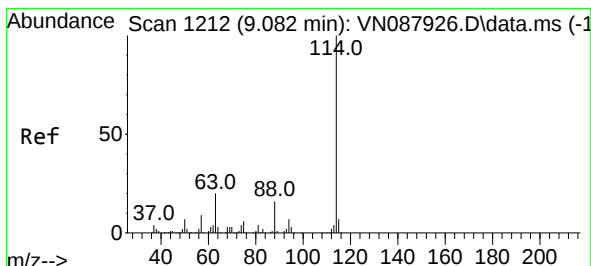
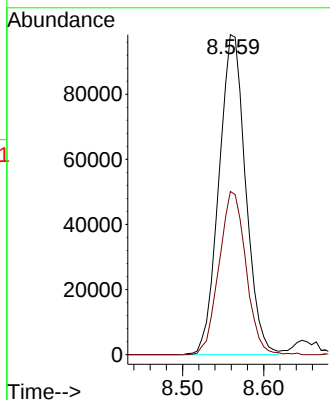
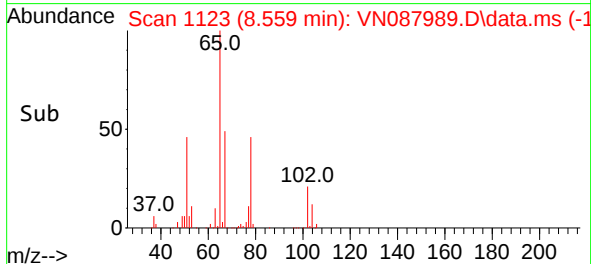
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



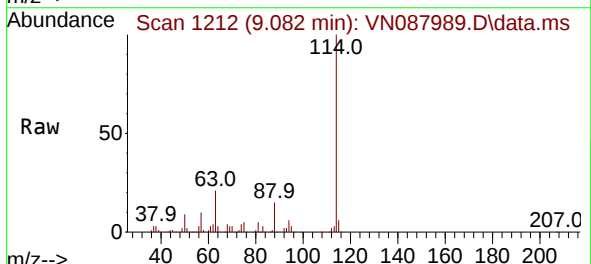
Tgt Ion: 65 Resp: 224830
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4

Manual Integrations
APPROVED

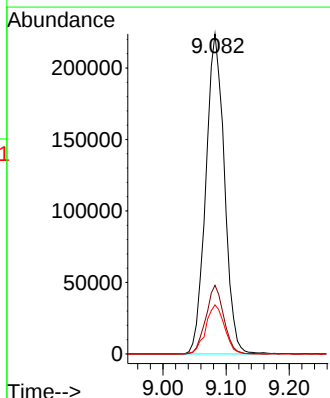
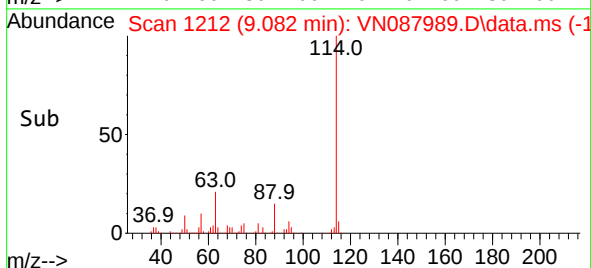
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

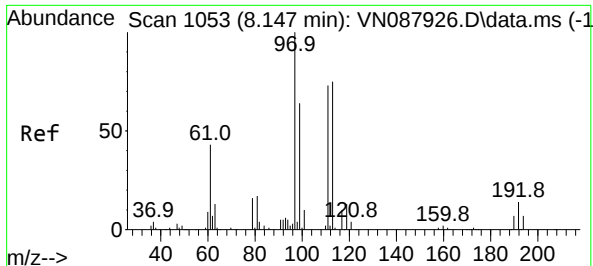


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



Tgt Ion:114 Resp: 457474
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.0
88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.407 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VN087989.D

Acq: 30 Sep 2025 09:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 17074

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

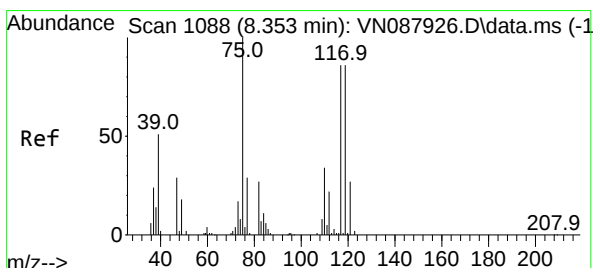
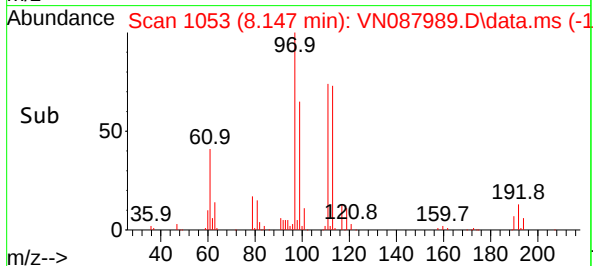
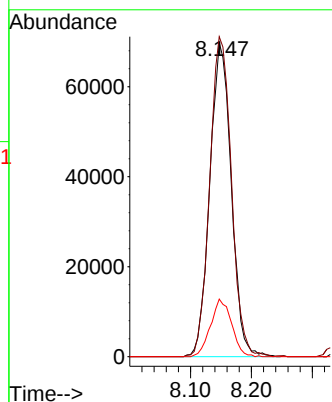
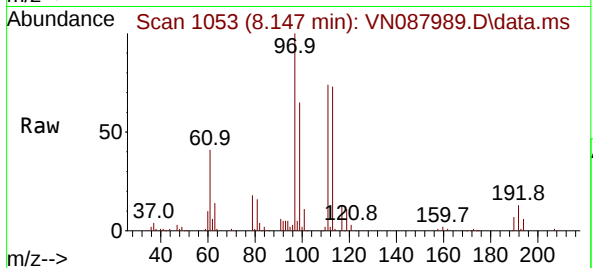
192 18.0 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#36

1,1-Dichloropropene

Concen: 46.249 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087989.D

Acq: 30 Sep 2025 09:00

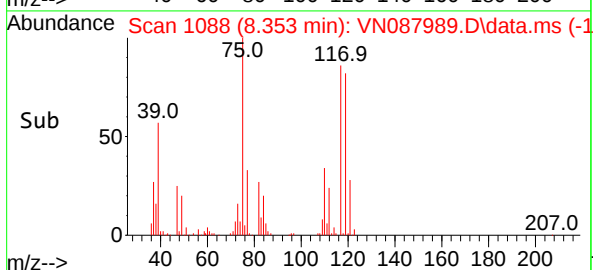
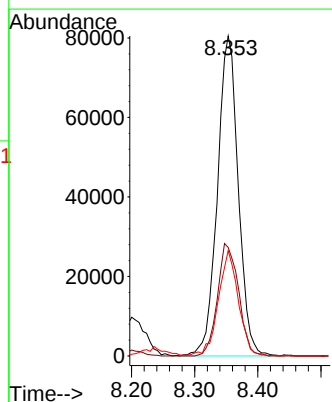
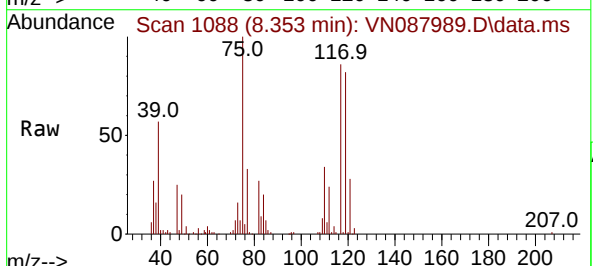
Tgt Ion: 75 Resp: 184714

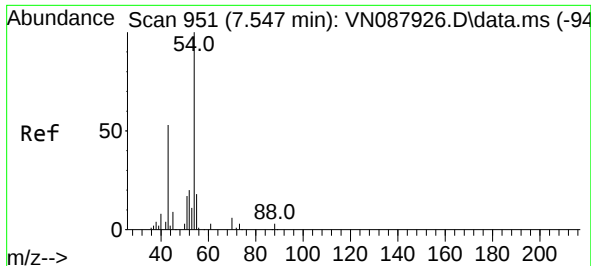
Ion Ratio Lower Upper

75 100

110 35.4 17.1 51.3

77 31.7 24.8 37.2





#37

Ethyl Acetate

Concen: 48.276 ug/l

RT: 7.547 min Scan# 951

Delta R.T. -0.000 min

Lab File: VN087989.D

Acq: 30 Sep 2025 09:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 25319

Ion Ratio Lower Upper

43 100

61 14.1 10.7 16.1

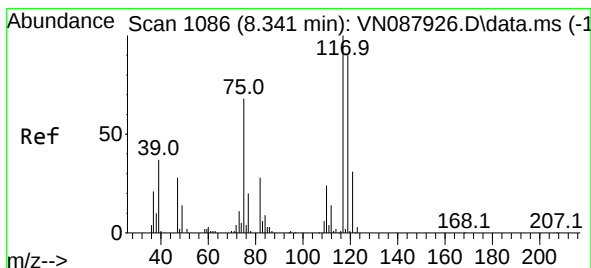
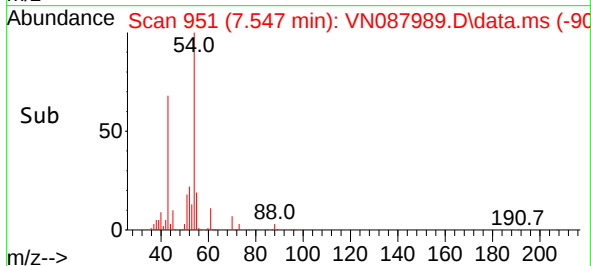
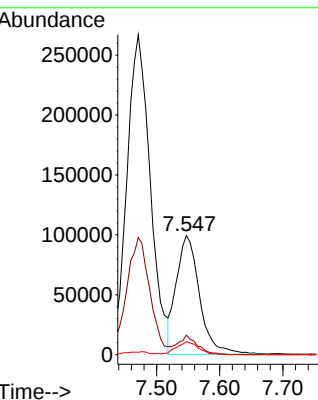
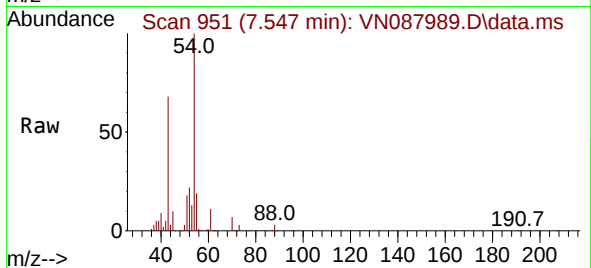
70 10.5 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#38

Carbon Tetrachloride

Concen: 45.836 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VN087989.D

Acq: 30 Sep 2025 09:00

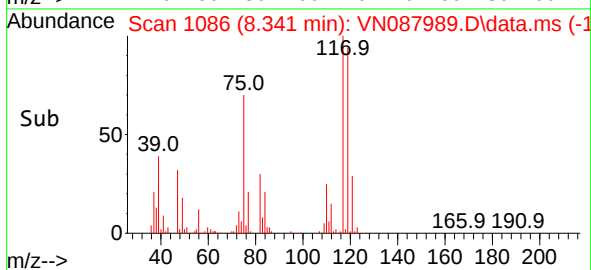
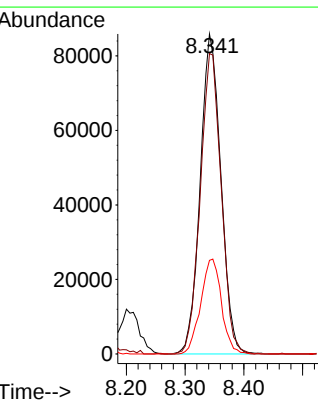
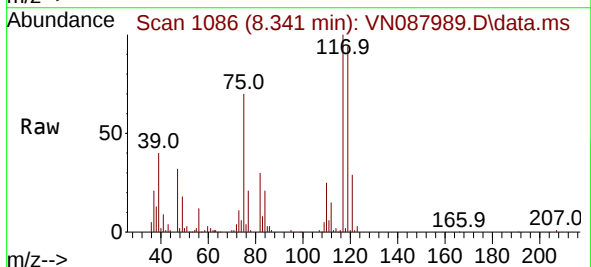
Tgt Ion:117 Resp: 210068

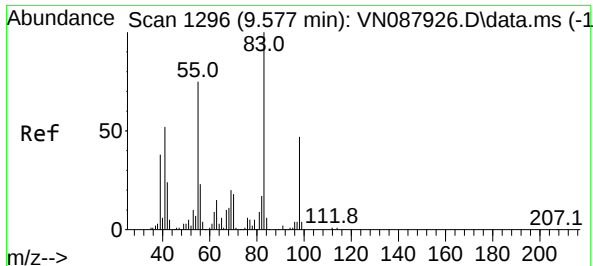
Ion Ratio Lower Upper

117 100

119 93.8 72.1 108.1

121 29.3 24.6 36.8





#39

Methylcyclohexane

Concen: 45.394 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN087989.D

Acq: 30 Sep 2025 09:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

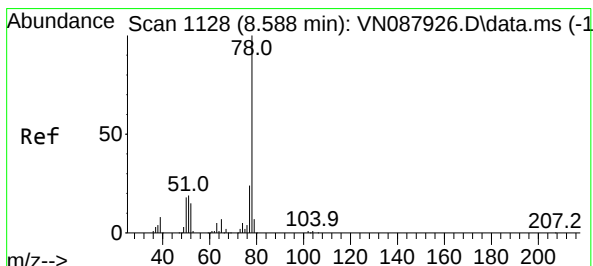
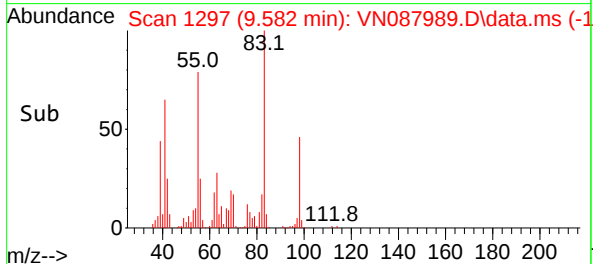
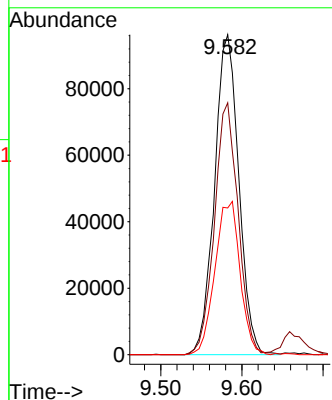
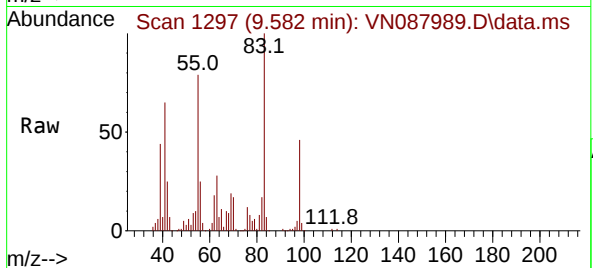
Tgt Ion: 83	Resp: 20000
Ion Ratio	Lower Upper
83	100
55	78.7 59.9 89.9
98	45.9 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#40

Benzene

Concen: 46.853 ug/l

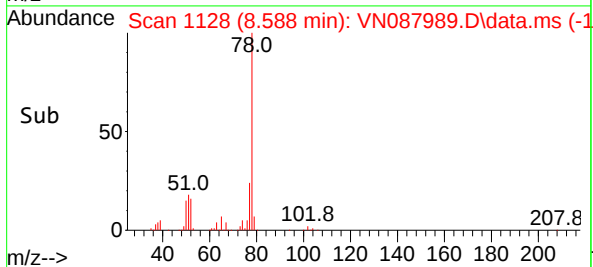
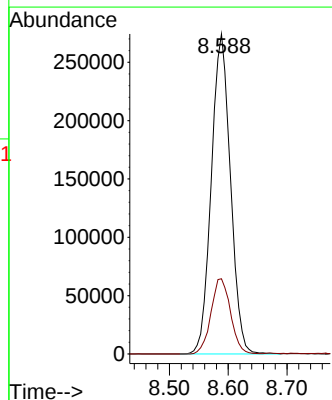
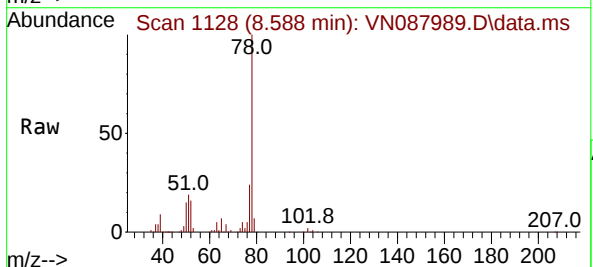
RT: 8.588 min Scan# 1128

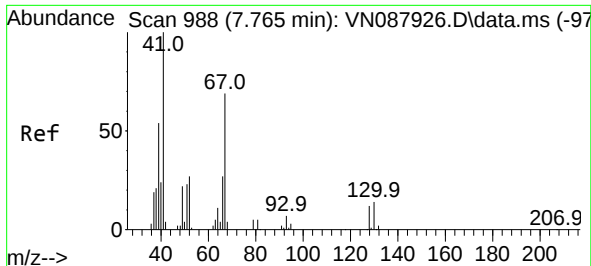
Delta R.T. -0.000 min

Lab File: VN087989.D

Acq: 30 Sep 2025 09:00

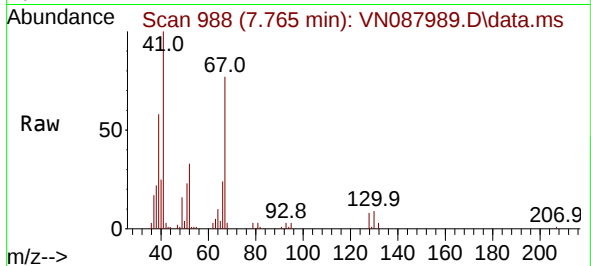
Tgt Ion: 78	Resp: 619585
Ion Ratio	Lower Upper
78	100
77	23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 51.142 ug/l
RT: 7.765 min Scan# 988
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

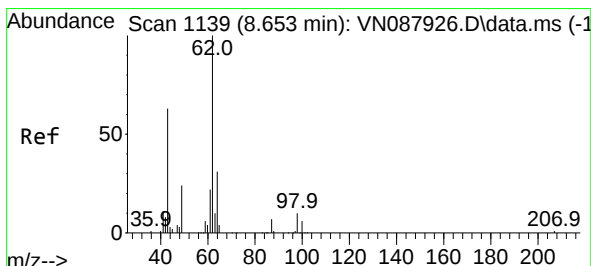
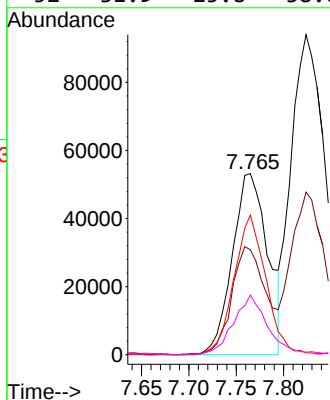
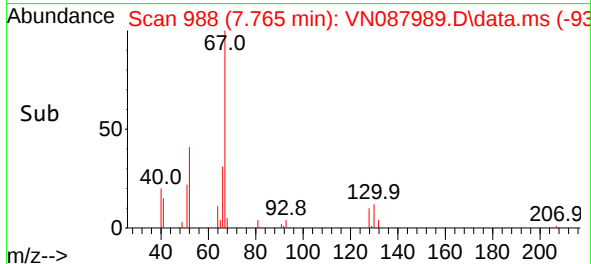
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 138610
Ion Ratio Lower Upper
41 100
39 58.3 43.5 65.3
67 69.2 57.6 86.4
52 31.9 25.8 38.6

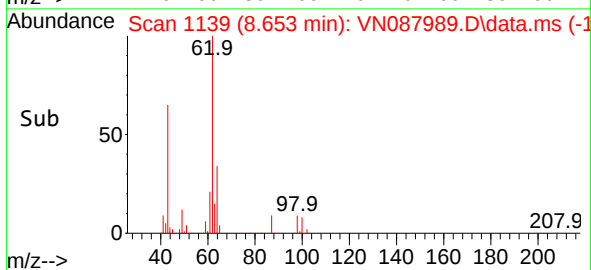
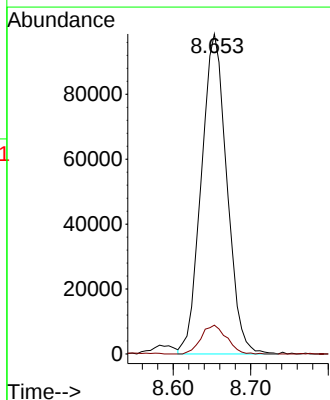
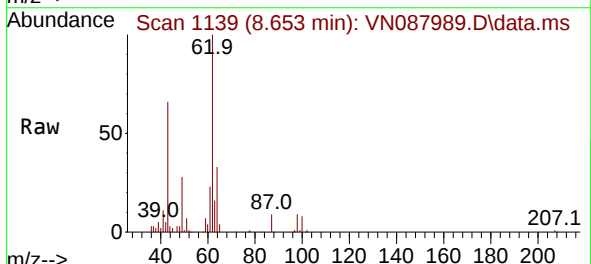
Manual Integrations
APPROVED

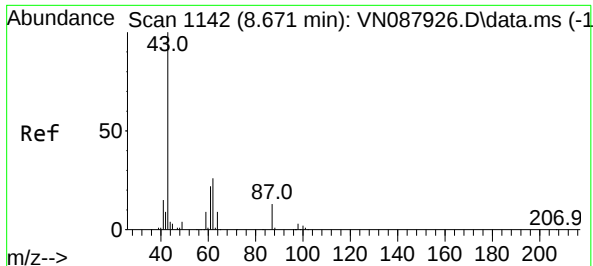
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#42
1,2-Dichloroethane
Concen: 45.810 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

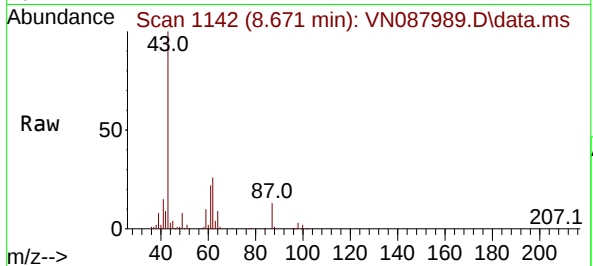
Tgt Ion: 62 Resp: 226071
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.6





#43
Isopropyl Acetate
Concen: 47.832 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

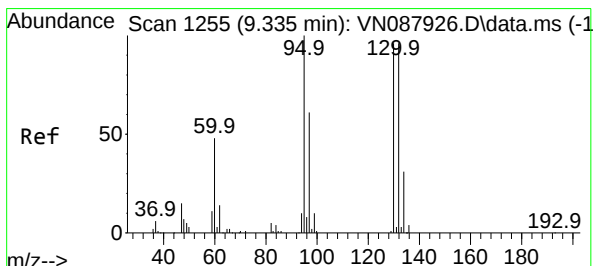
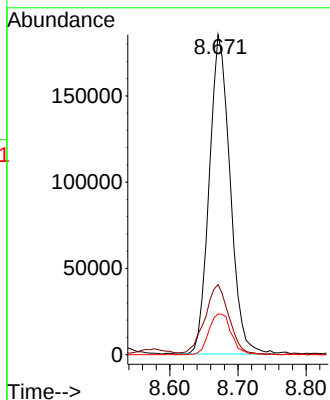
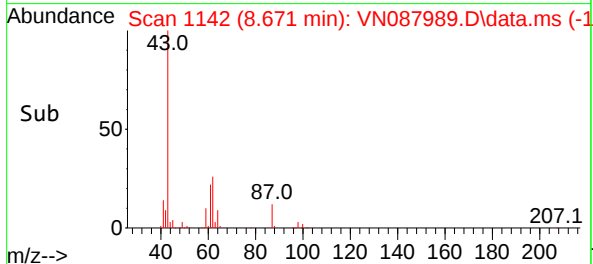
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 394875
Ion Ratio Lower Upper
43 100
61 25.7 20.2 30.2
87 13.7 10.9 16.3

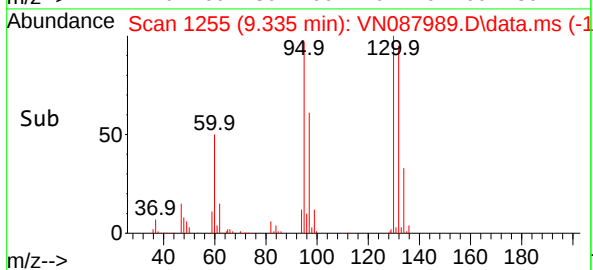
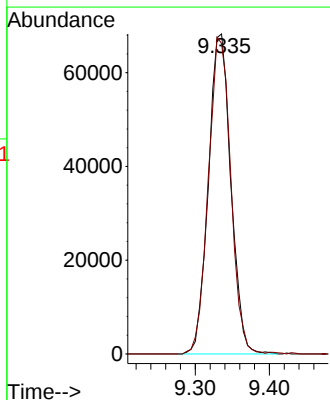
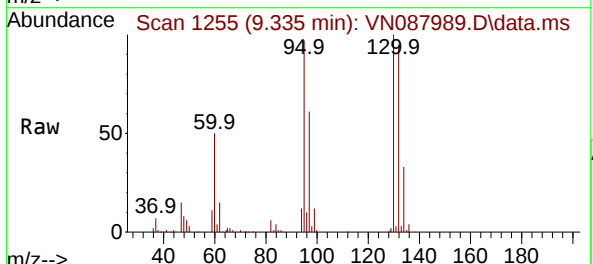
Manual Integrations
APPROVED

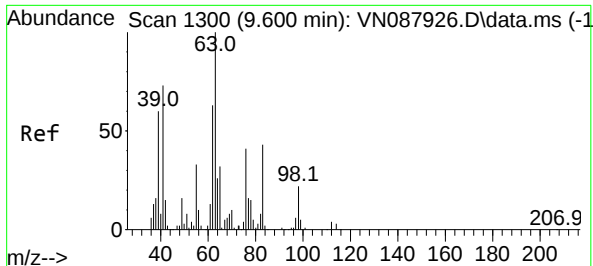
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#44
Trichloroethene
Concen: 45.396 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

Tgt Ion:130 Resp: 143398
Ion Ratio Lower Upper
130 100
95 97.0 0.0 208.0





#45

1,2-Dichloropropane

Concen: 47.782 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087989.D

Acq: 30 Sep 2025 09:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 158440

Ion Ratio Lower Upper

63 100

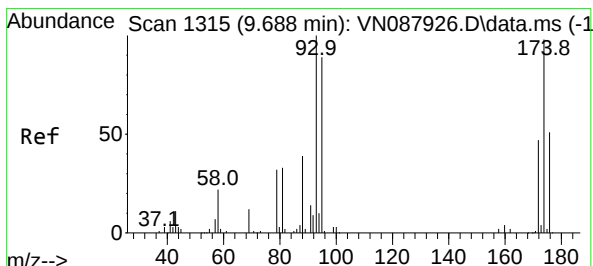
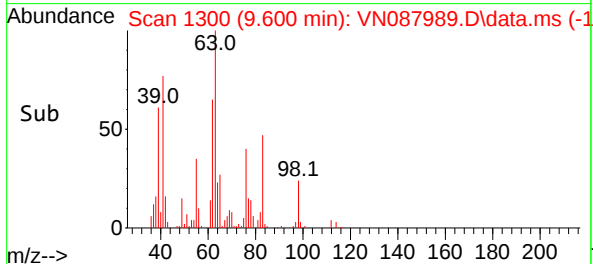
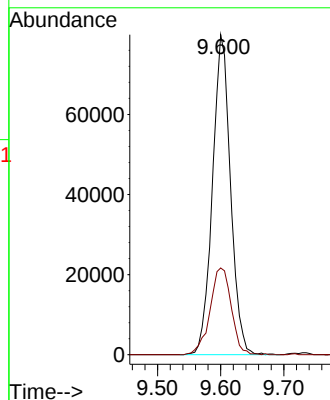
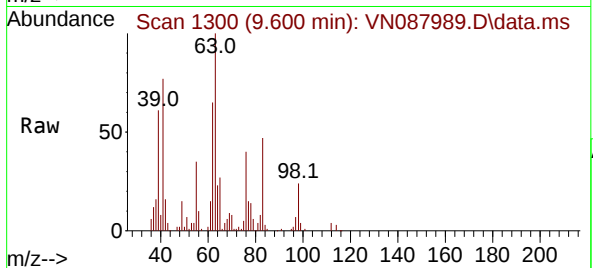
65 27.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#46

Dibromomethane

Concen: 46.491 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087989.D

Acq: 30 Sep 2025 09:00

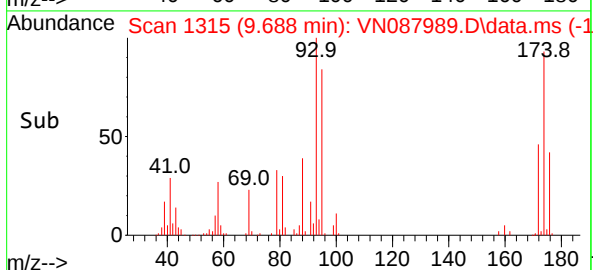
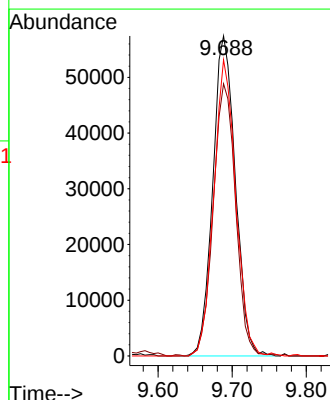
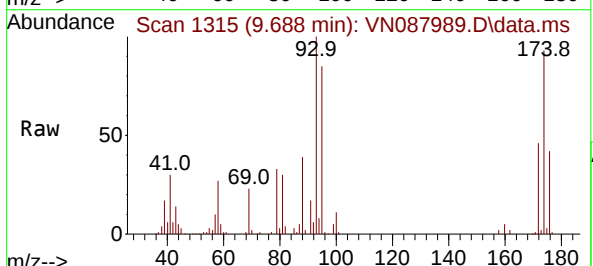
Tgt Ion: 93 Resp: 121648

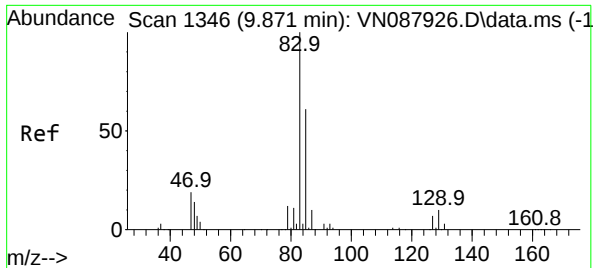
Ion Ratio Lower Upper

93 100

95 83.9 67.6 101.4

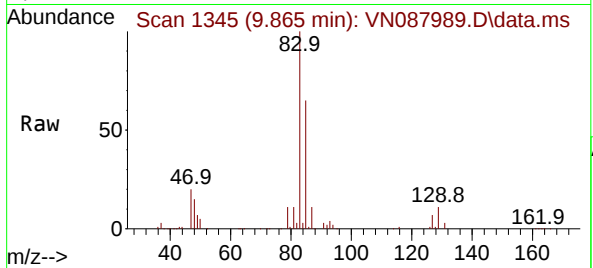
174 90.2 75.4 113.0





#47
Bromodichloromethane
Concen: 47.040 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

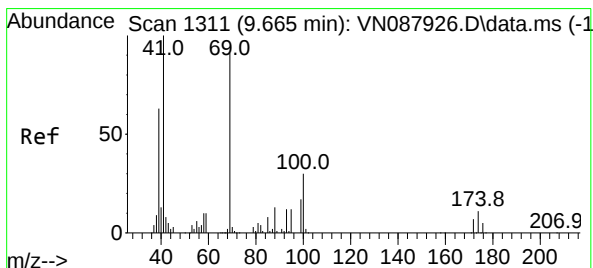
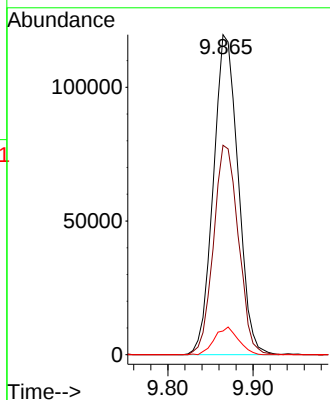
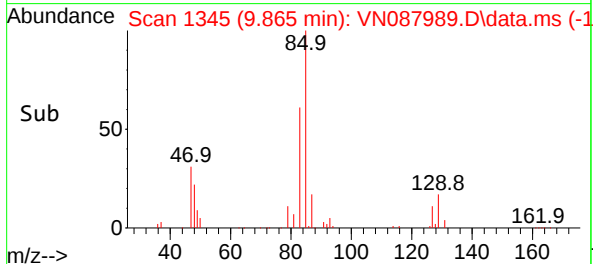
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



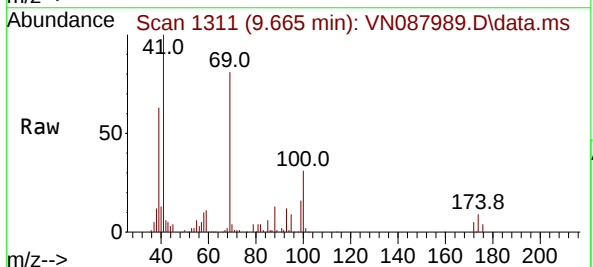
Tgt Ion: 83 Resp: 241410
Ion Ratio Lower Upper
83 100
85 65.5 49.1 73.7
127 7.4 5.9 8.9

Manual Integrations
APPROVED

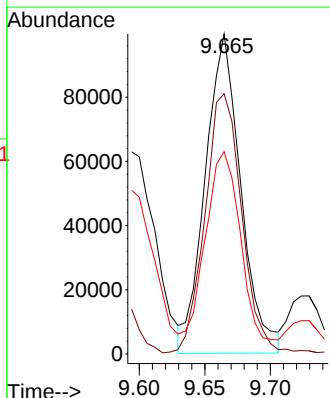
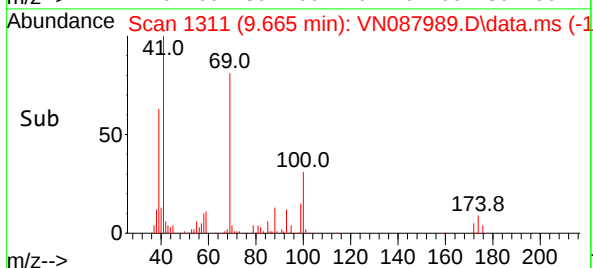
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

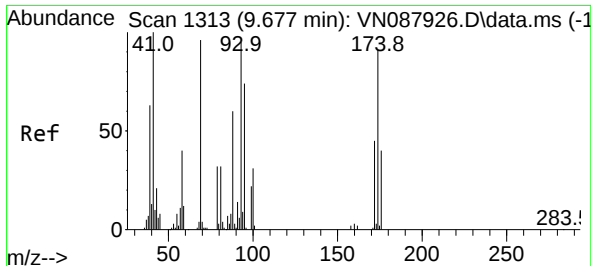


#48
Methyl methacrylate
Concen: 49.049 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



Tgt Ion: 41 Resp: 187516
Ion Ratio Lower Upper
41 100
69 85.6 70.9 106.3
39 65.5 52.9 79.3





#49

1,4-Dioxane

Concen: 1079.231 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087989.D

Acq: 30 Sep 2025 09:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

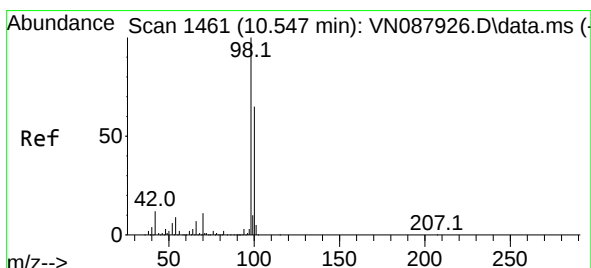
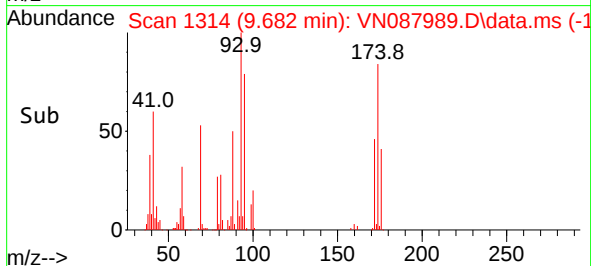
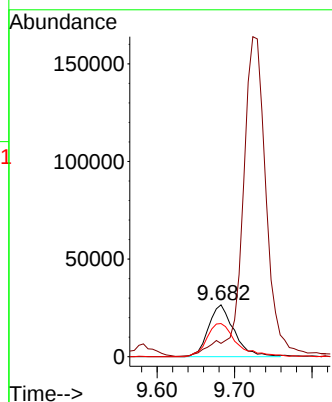
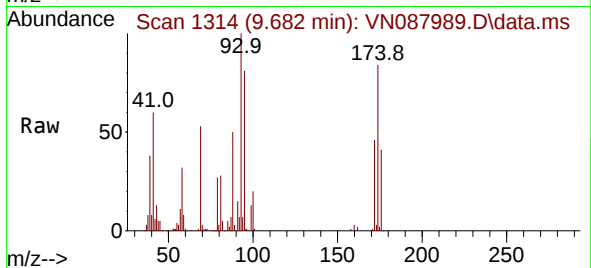
Tgt Ion:	88	Resp:	6095
Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.6	33.8
58	73.8	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#50

Toluene-d8

Concen: 52.425 ug/l

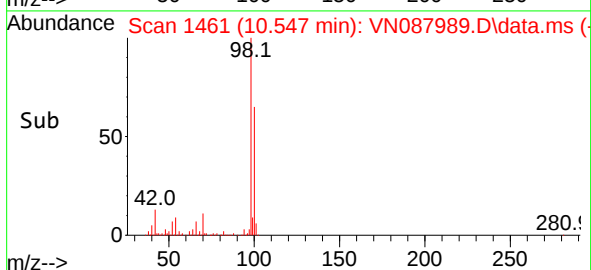
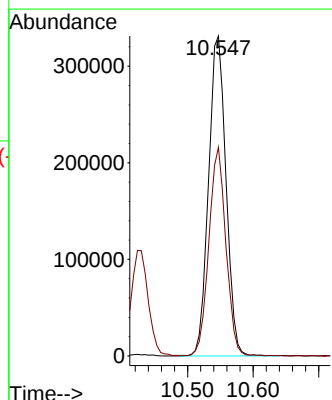
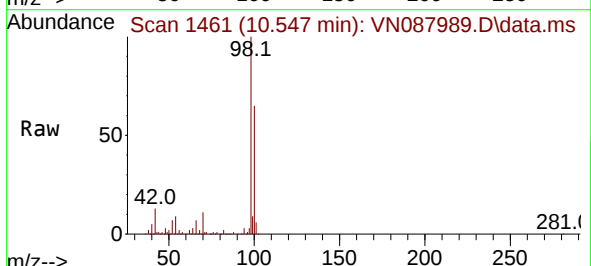
RT: 10.547 min Scan# 1461

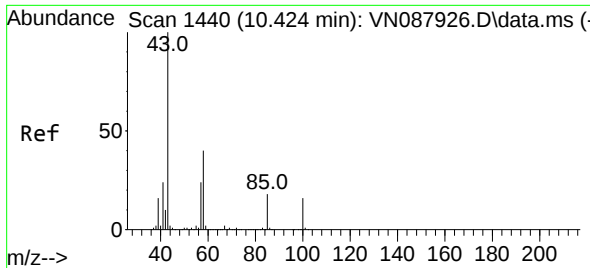
Delta R.T. -0.000 min

Lab File: VN087989.D

Acq: 30 Sep 2025 09:00

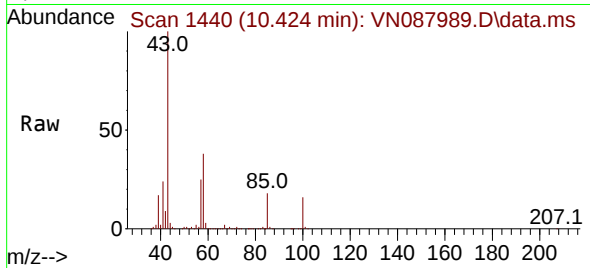
Tgt Ion:	98	Resp:	612354
Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.7	77.5





#51
4-Methyl-2-Pentanone
Concen: 253.152 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

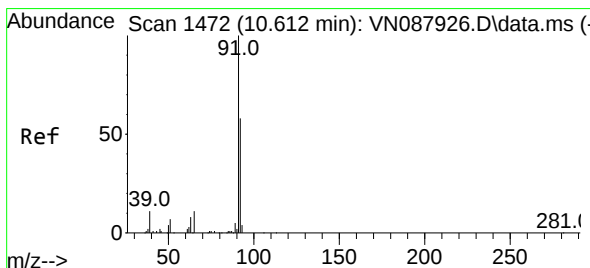
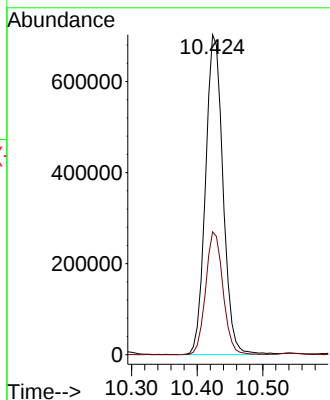
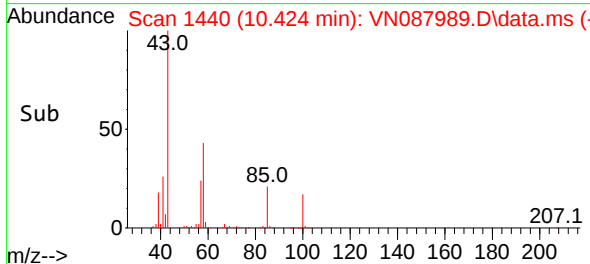
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



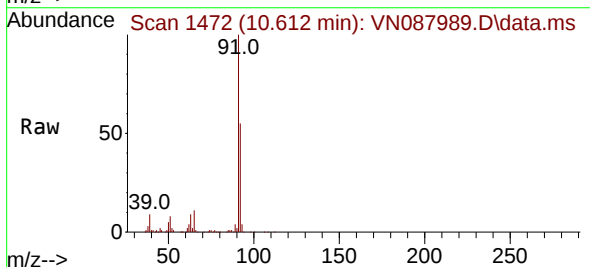
Tgt Ion: 43 Resp: 1304084
Ion Ratio Lower Upper
43 100
58 38.1 31.0 46.6

Manual Integrations
APPROVED

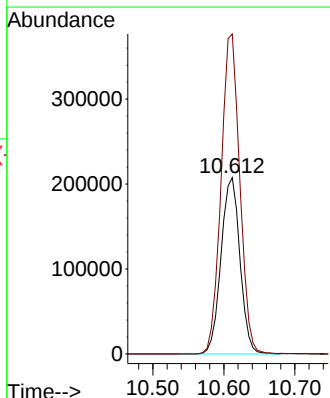
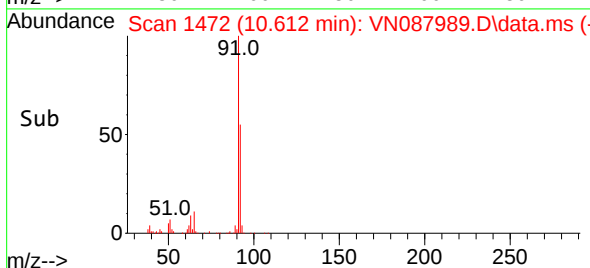
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

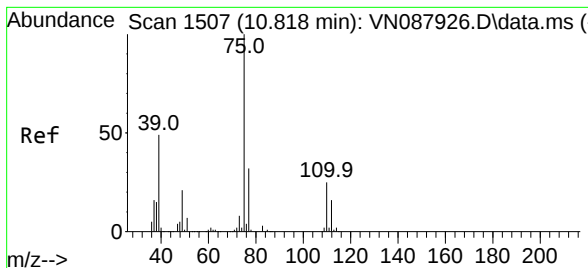


#52
Toluene
Concen: 46.068 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



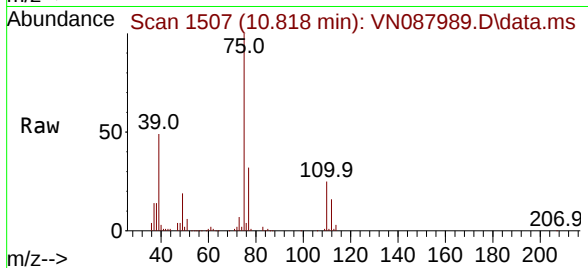
Tgt Ion: 92 Resp: 382293
Ion Ratio Lower Upper
92 100
91 180.4 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 46.318 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

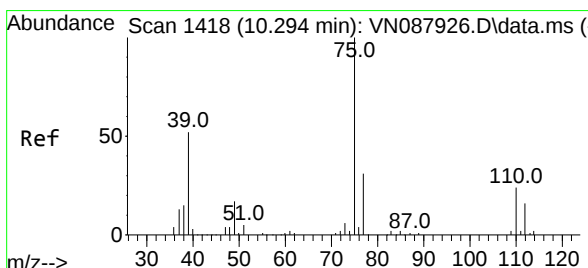
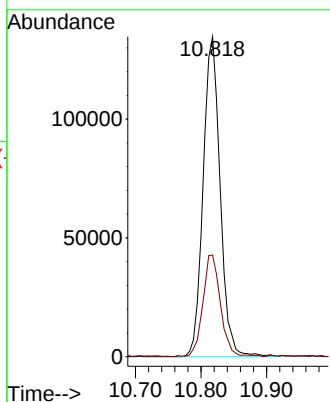
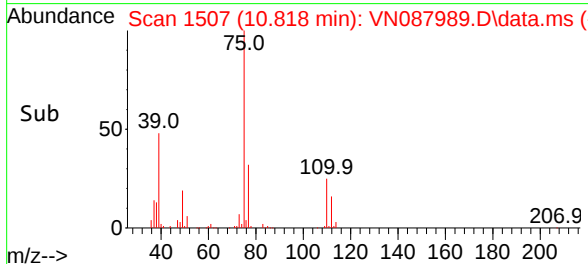
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



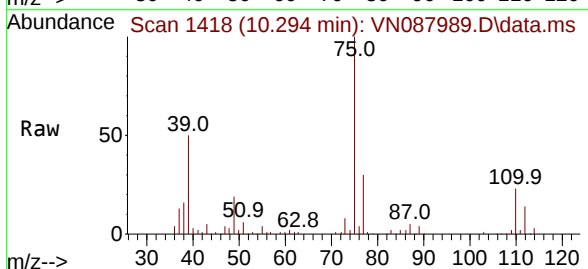
Tgt Ion: 75 Resp: 24328
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9

Manual Integrations
APPROVED

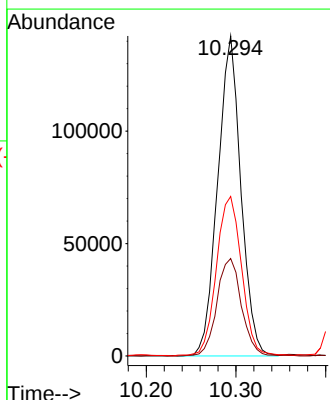
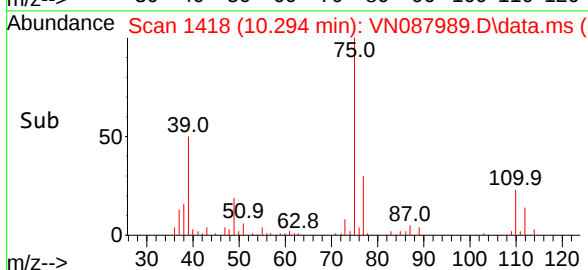
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

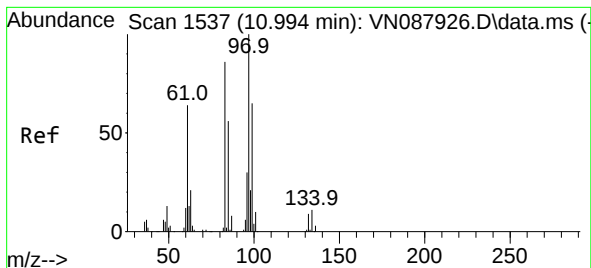


#54
cis-1,3-Dichloropropene
Concen: 46.788 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



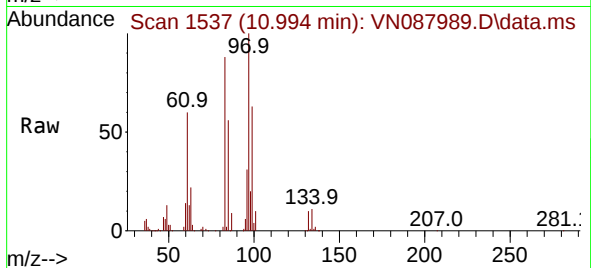
Tgt Ion: 75 Resp: 255239
Ion Ratio Lower Upper
75 100
77 30.4 24.7 37.1
39 49.5 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 47.346 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

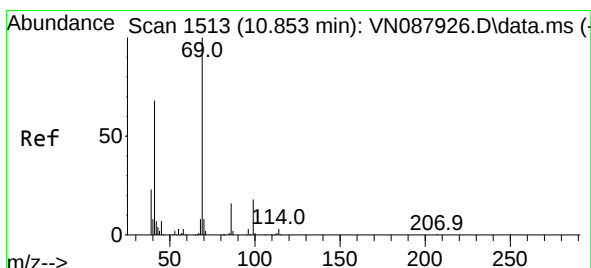
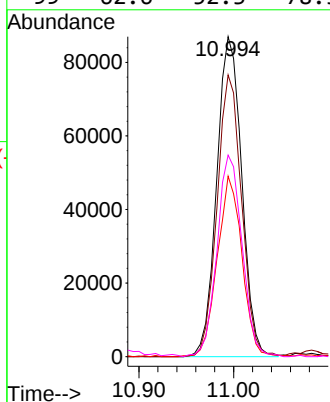
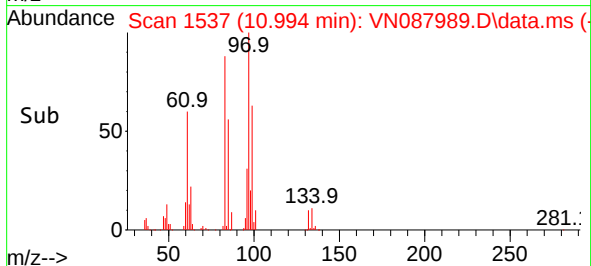
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



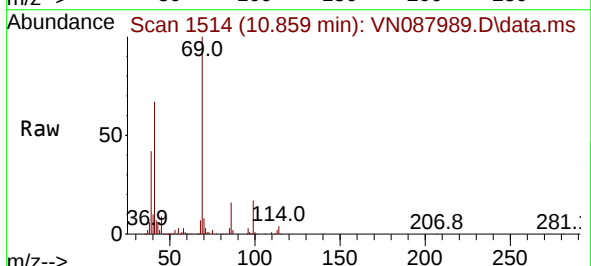
Tgt Ion: 97 Resp: 159750
Ion Ratio Lower Upper
97 100
83 88.1 69.0 103.4
85 56.4 44.4 66.6
99 62.6 52.3 78.5

Manual Integrations
APPROVED

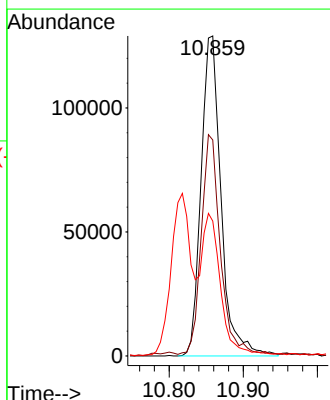
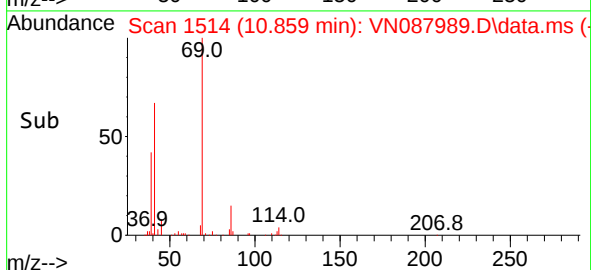
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

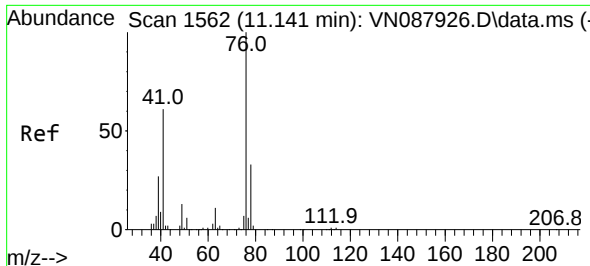


#56
Ethyl methacrylate
Concen: 49.634 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



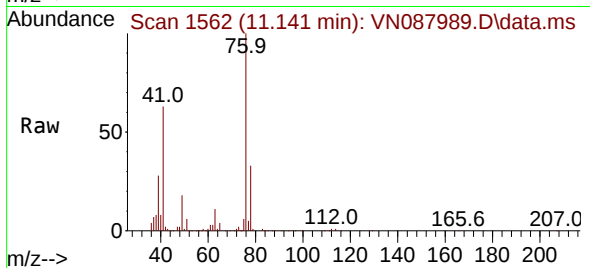
Tgt Ion: 69 Resp: 241991
Ion Ratio Lower Upper
69 100
41 66.0 53.8 80.6
39 42.8 34.7 52.1





#57
1,3-Dichloropropane
Concen: 48.069 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

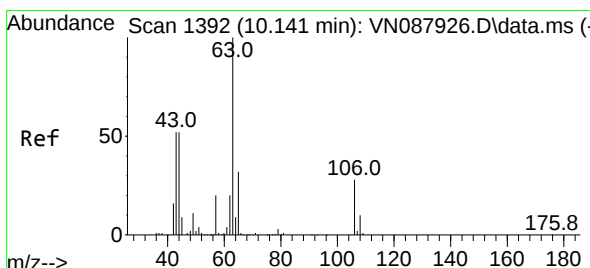
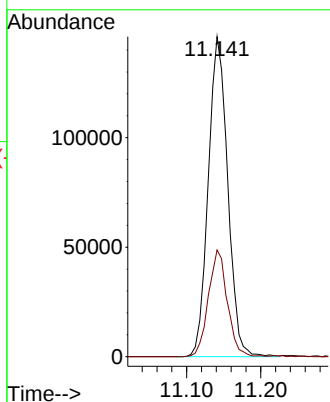
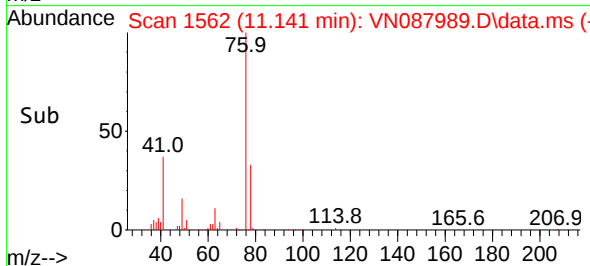
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 266775
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

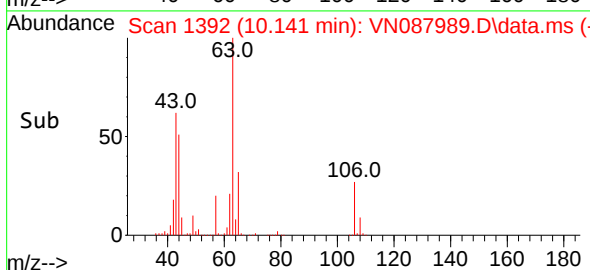
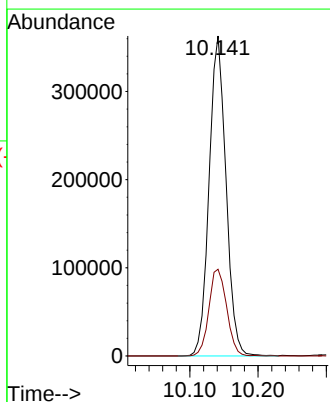
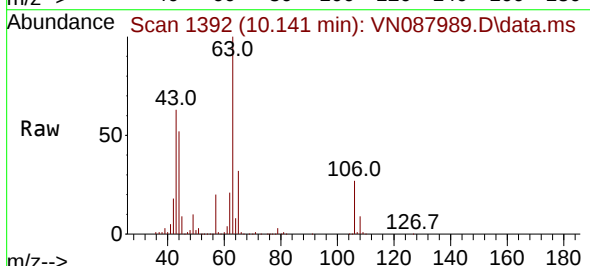
Manual Integrations
APPROVED

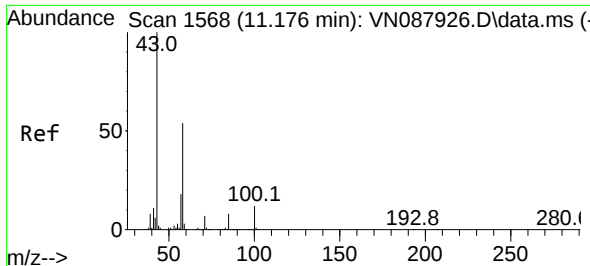
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 273.173 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

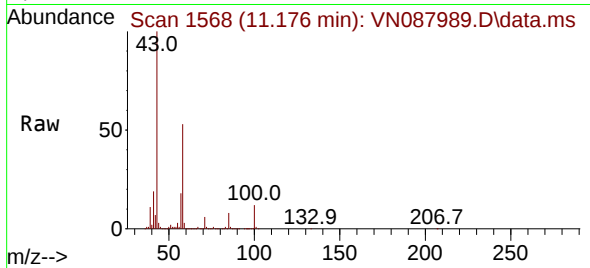
Tgt Ion: 63 Resp: 626218
Ion Ratio Lower Upper
63 100
106 28.5 22.6 33.8





#59
2-Hexanone
Concen: 272.520 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

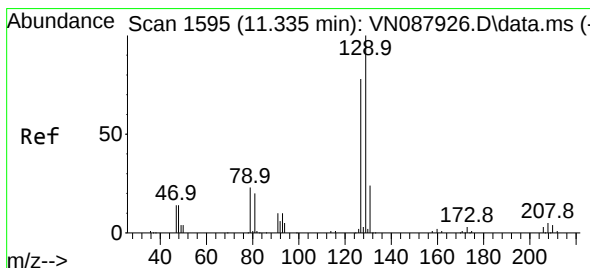
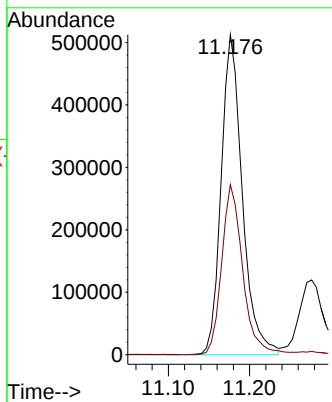
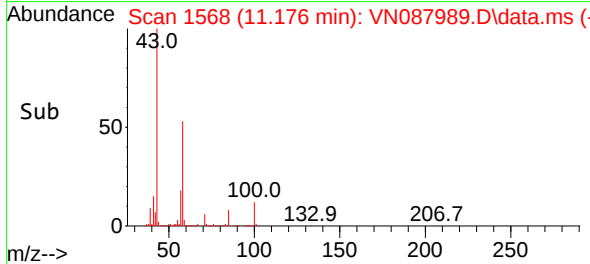
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 92826
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.2

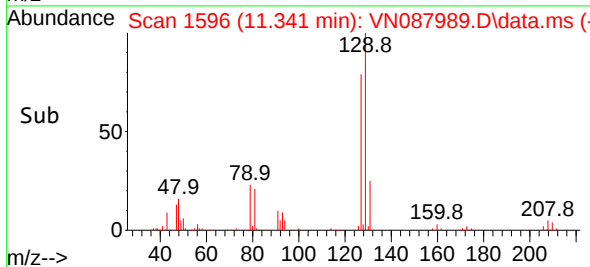
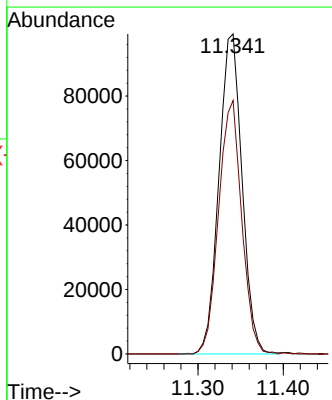
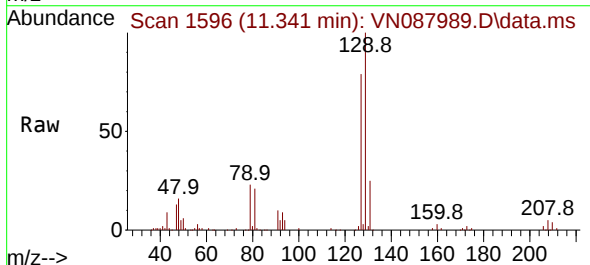
Manual Integrations
APPROVED

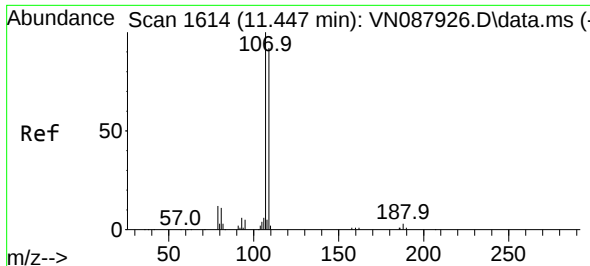
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#60
Dibromochloromethane
Concen: 47.138 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

Tgt Ion:129 Resp: 187008
Ion Ratio Lower Upper
129 100
127 79.2 39.3 117.9





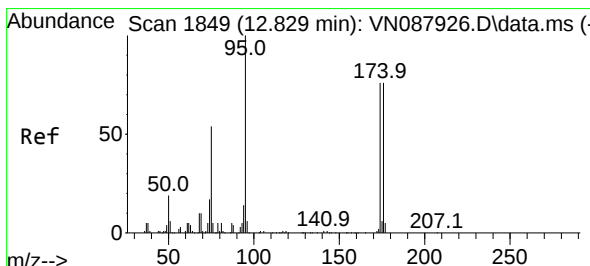
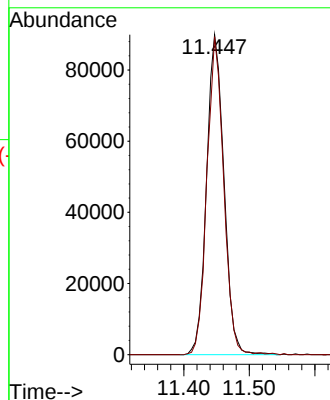
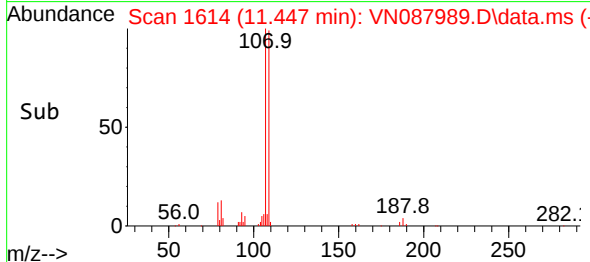
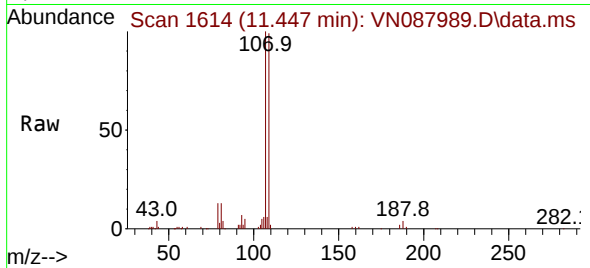
#61
1,2-Dibromoethane
Concen: 46.510 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 16613
Ion Ratio Lower Upper
107 100
109 95.8 75.3 112.9

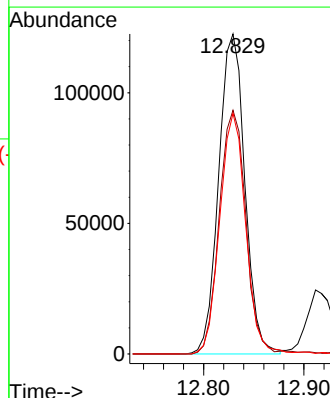
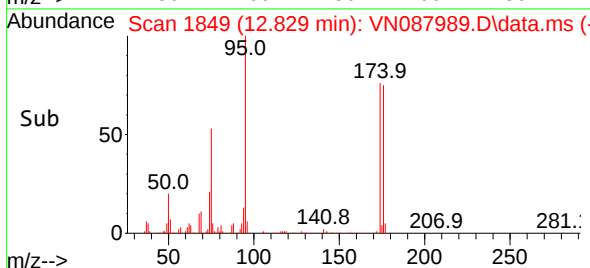
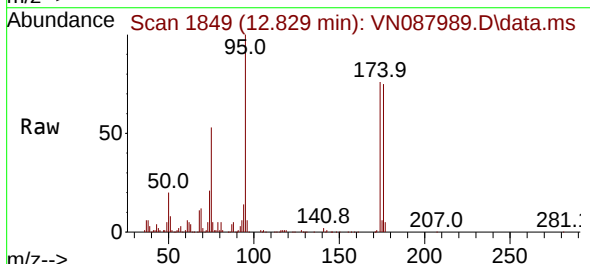
Manual Integrations
APPROVED

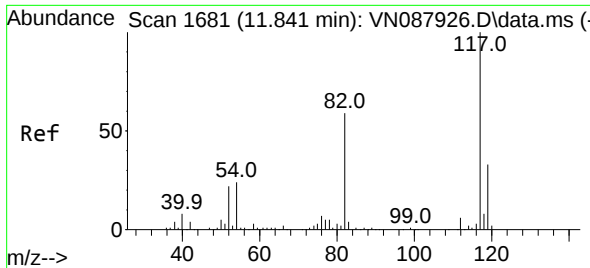
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#62
4-Bromofluorobenzene
Concen: 53.030 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

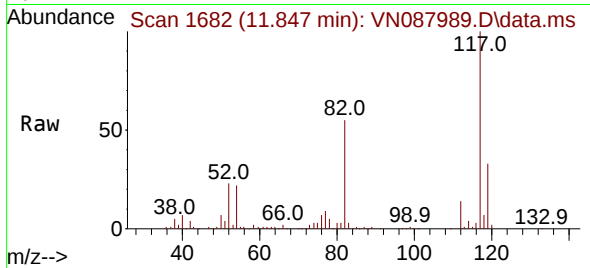
Tgt Ion: 95 Resp: 221406
Ion Ratio Lower Upper
95 100
174 77.7 0.0 159.2
176 74.3 0.0 152.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

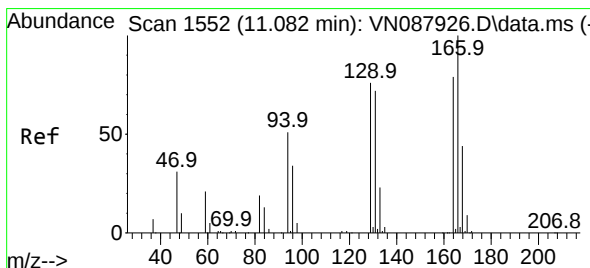
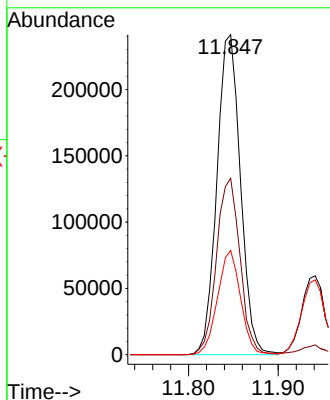
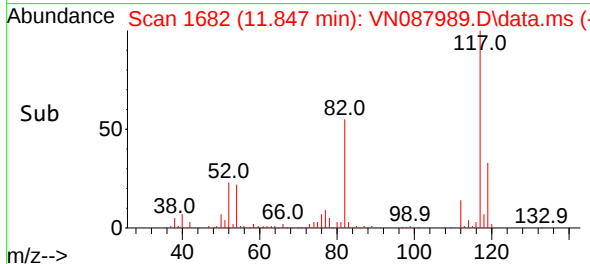
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



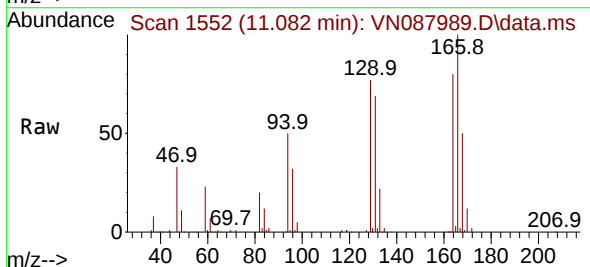
Tgt Ion:117 Resp: 44057
Ion Ratio Lower Upper
117 100
82 55.1 47.0 70.4
119 32.6 26.1 39.1

Manual Integrations
APPROVED

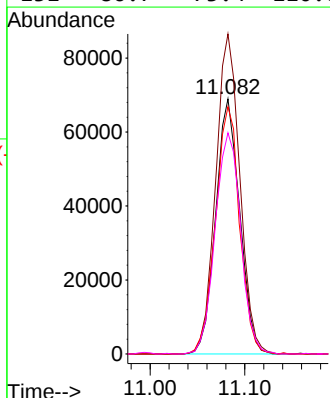
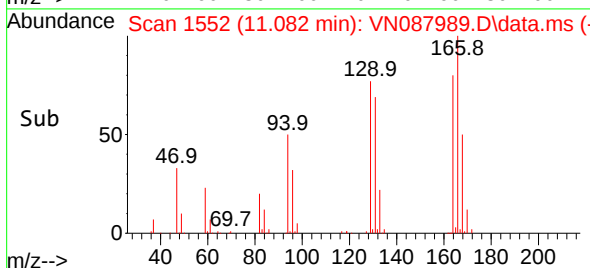
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

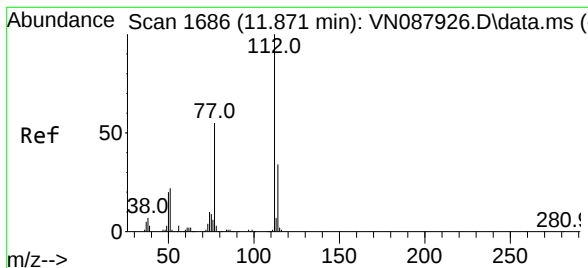


#64
Tetrachloroethene
Concen: 45.326 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



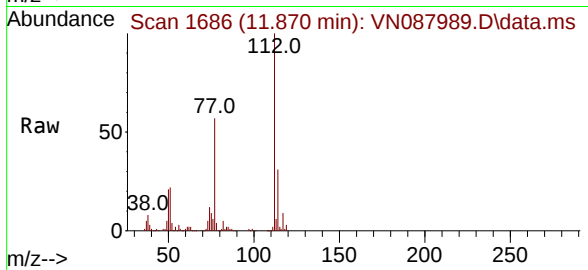
Tgt Ion:164 Resp: 121641
Ion Ratio Lower Upper
164 100
166 125.5 101.6 152.4
129 96.9 77.5 116.3
131 86.7 73.4 110.0





#65
Chlorobenzene
Concen: 46.829 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

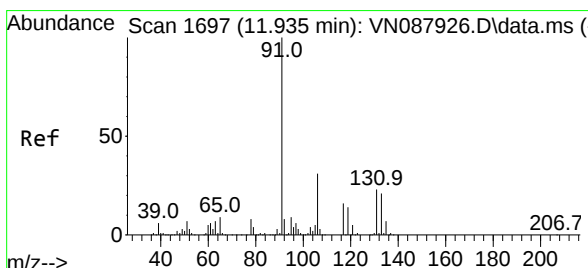
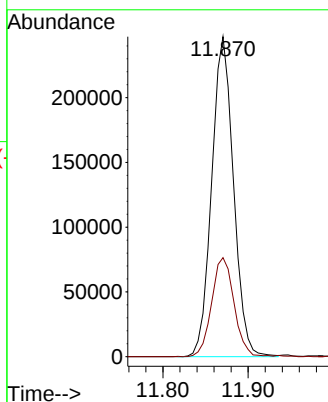
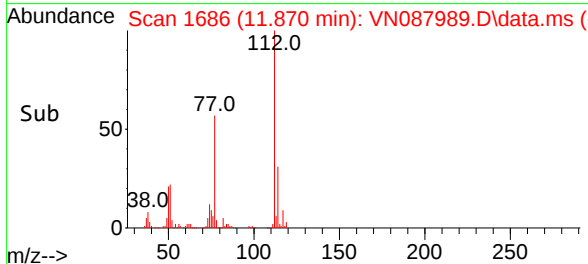
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



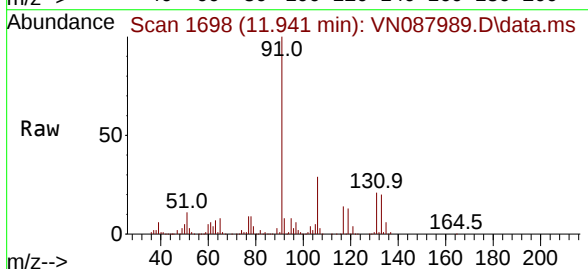
Tgt Ion:112 Resp: 43905
Ion Ratio Lower Upper
112 100
114 30.9 27.2 40.8

Manual Integrations
APPROVED

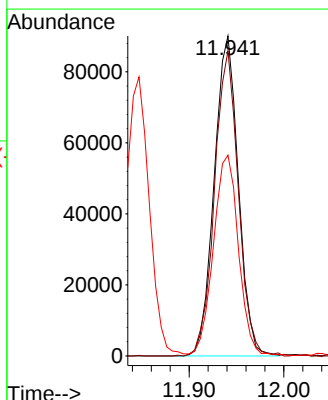
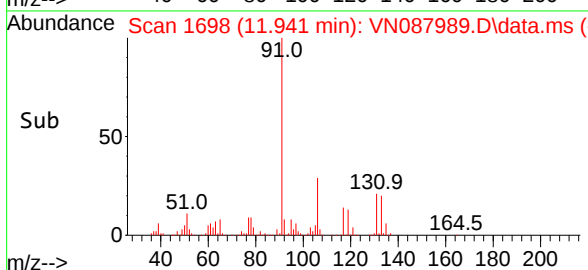
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

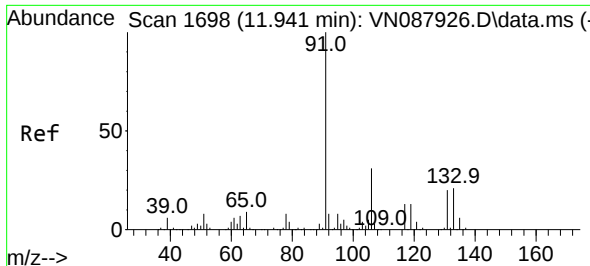


#66
1,1,1,2-Tetrachloroethane
Concen: 47.209 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



Tgt Ion:131 Resp: 159614
Ion Ratio Lower Upper
131 100
133 94.3 48.4 145.0
119 65.0 31.9 95.5





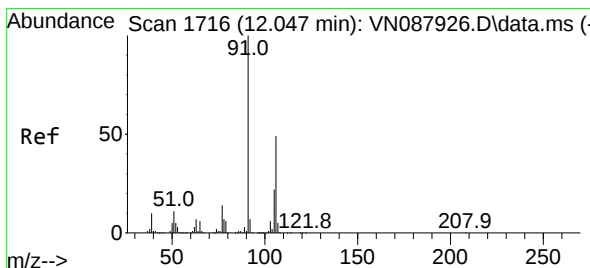
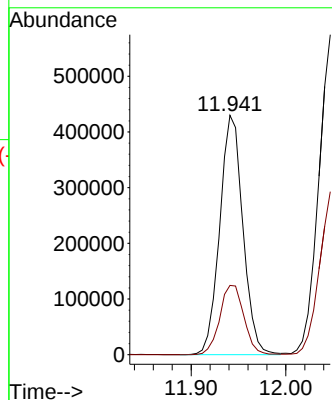
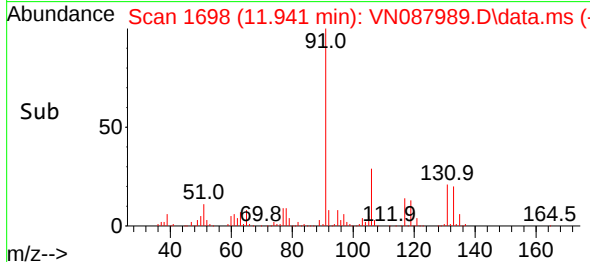
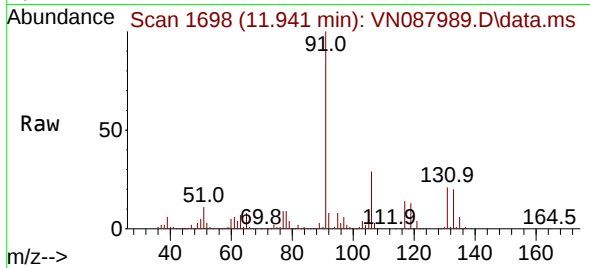
#67
Ethyl Benzene
Concen: 46.775 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 731770
Ion Ratio Lower Upper
91 100
106 28.9 25.2 37.8

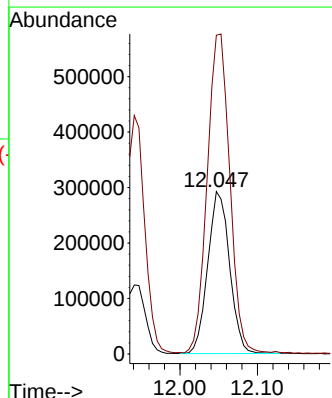
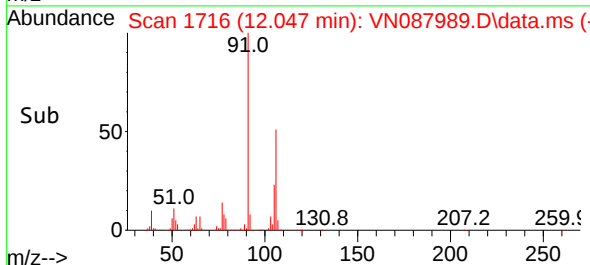
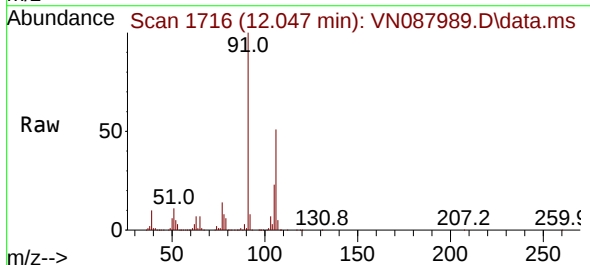
Manual Integrations
APPROVED

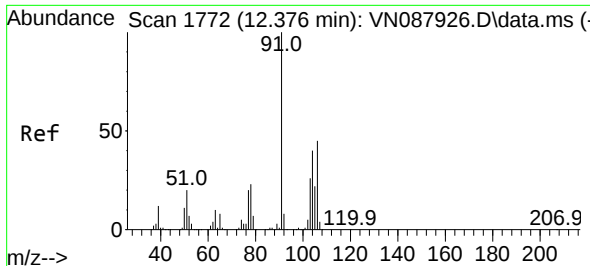
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#68
m/p-Xylenes
Concen: 95.647 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

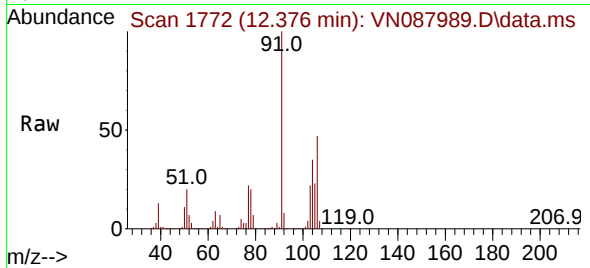
Tgt Ion:106 Resp: 572279
Ion Ratio Lower Upper
106 100
91 202.7 162.9 244.3





#69
o-Xylene
Concen: 47.914 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

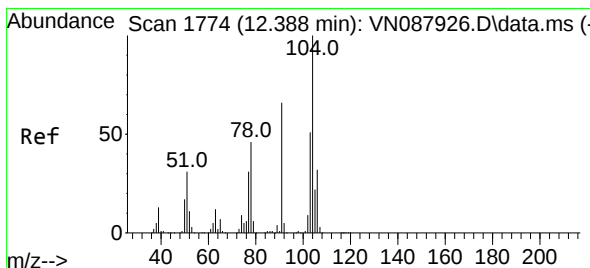
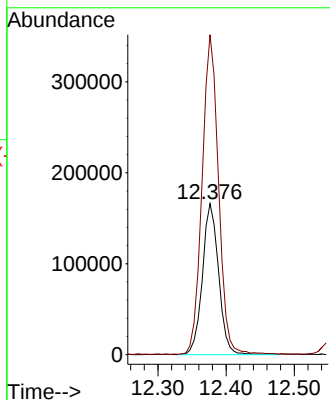
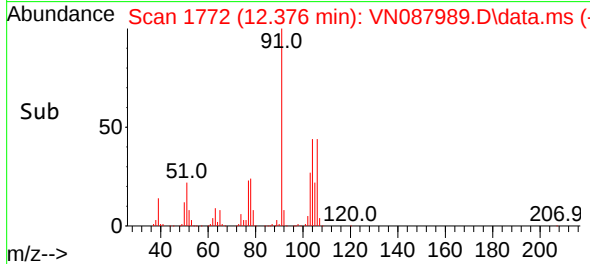
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 275428
Ion Ratio Lower Upper
106 100
91 214.3 108.2 324.6

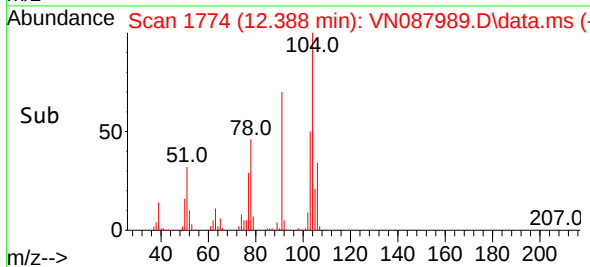
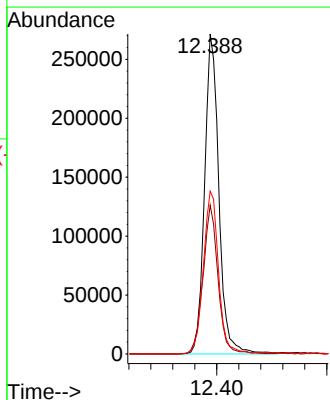
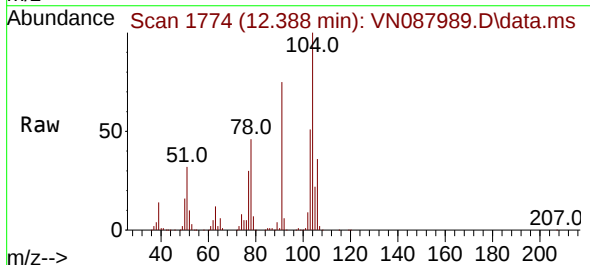
Manual Integrations
APPROVED

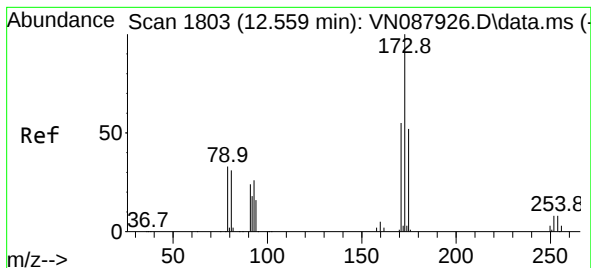
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#70
Styrene
Concen: 49.628 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

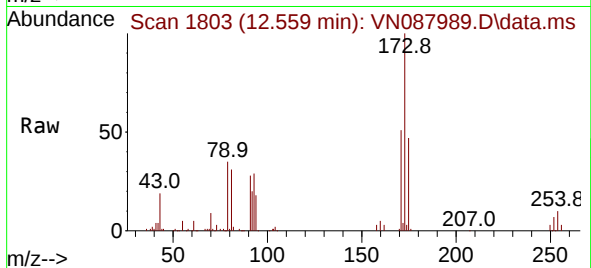
Tgt Ion:104 Resp: 489954
Ion Ratio Lower Upper
104 100
78 48.6 39.7 59.5
103 54.1 44.6 67.0





#71
Bromoform
Concen: 47.482 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

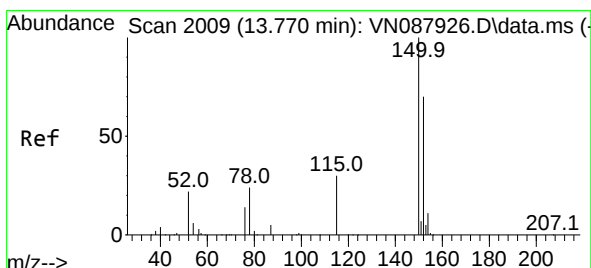
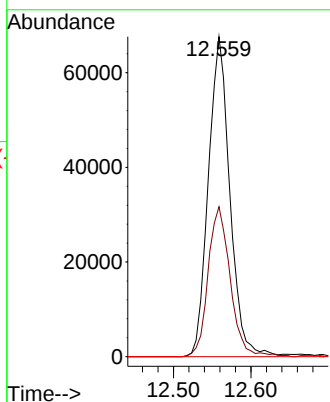
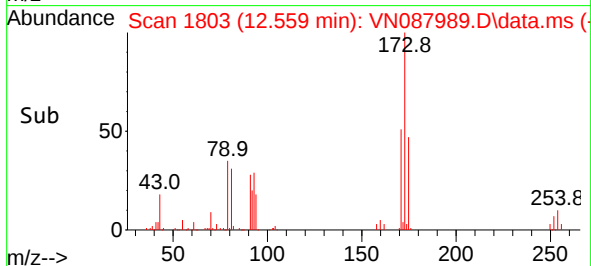
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



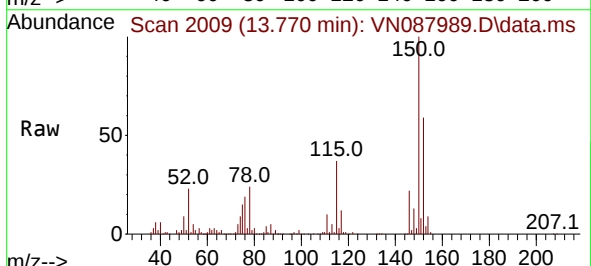
Tgt Ion:173 Resp: 130240
Ion Ratio Lower Upper
173 100
175 48.2 23.7 71.1
254 0.0 0.1 0.1

Manual Integrations
APPROVED

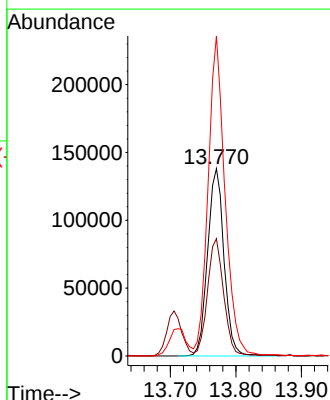
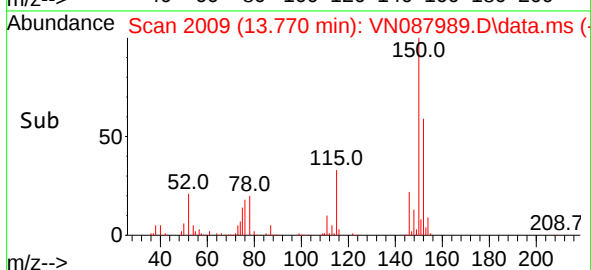
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

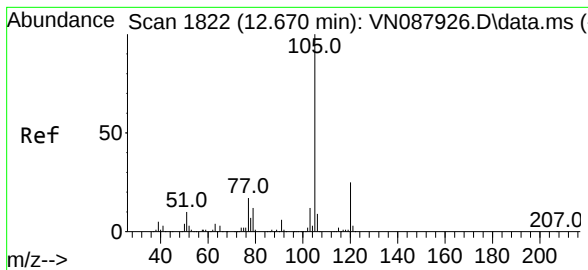


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



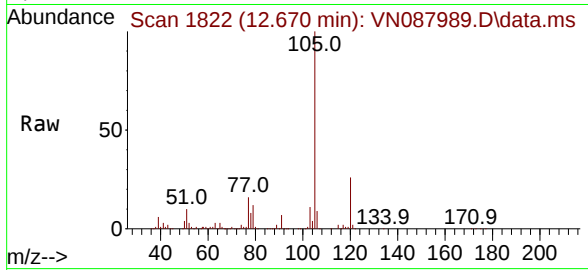
Tgt Ion:152 Resp: 240894
Ion Ratio Lower Upper
152 100
115 60.9 29.9 89.7
150 175.2 0.0 335.0





#73
Isopropylbenzene
Concen: 46.847 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

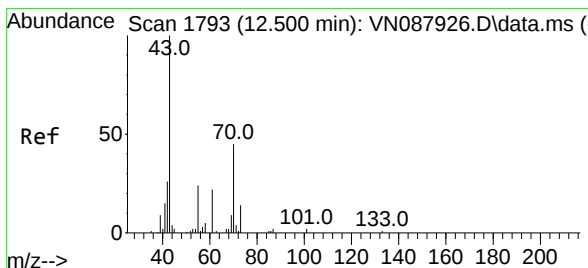
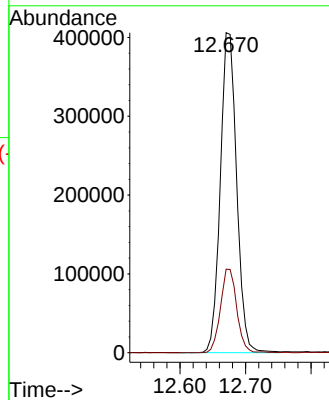
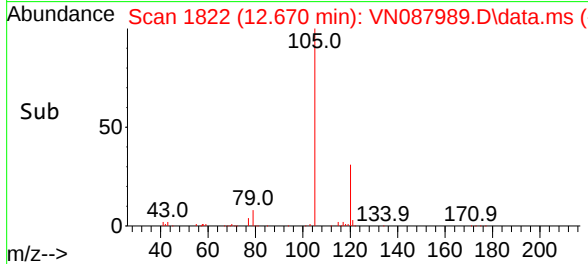
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



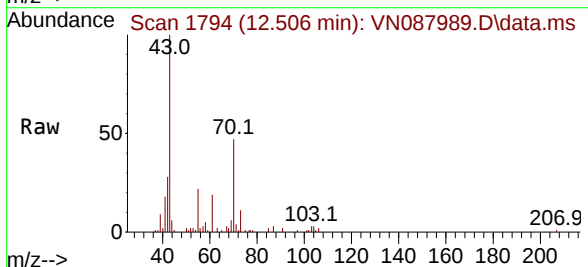
Tgt Ion:105 Resp: 699419
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1

Manual Integrations
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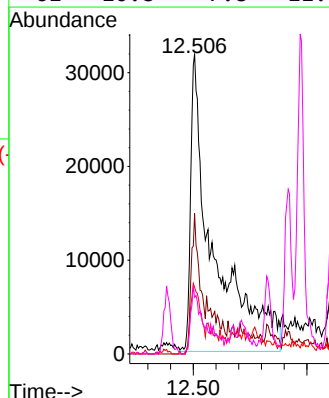
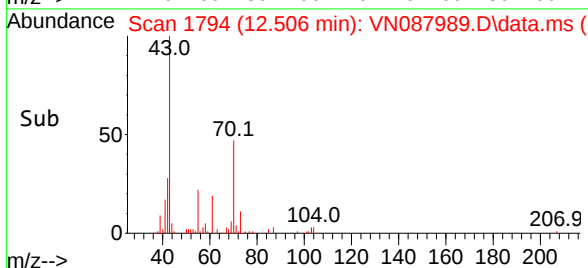
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

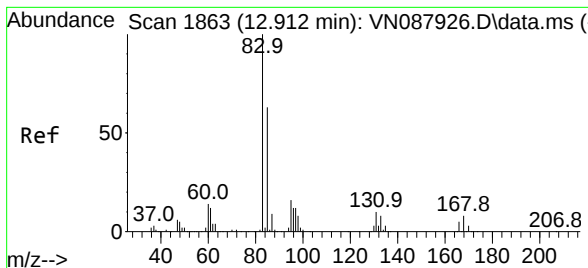


#74
N-ethyl acetate
Concen: 44.727 ug/l m
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



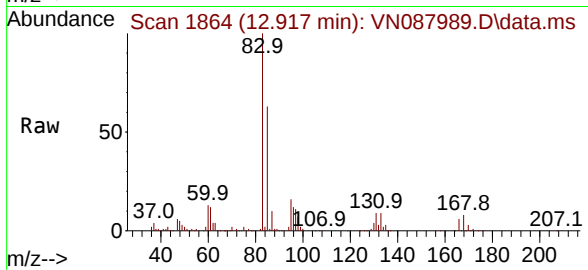
Tgt Ion: 43 Resp: 220024
Ion Ratio Lower Upper
43 100
70 17.7 19.8 29.8#
55 10.5 9.6 14.4
61 10.8 7.8 11.6





#75
1,1,2,2-Tetrachloroethane
Concen: 46.804 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

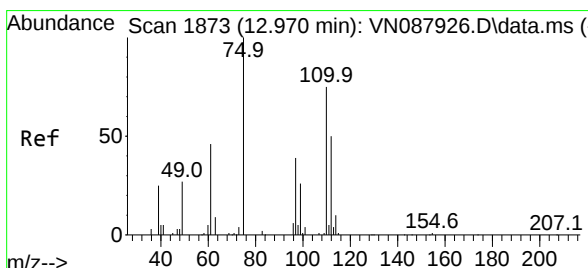
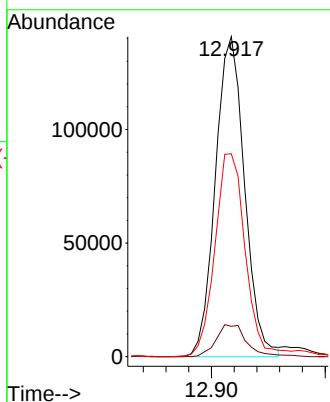
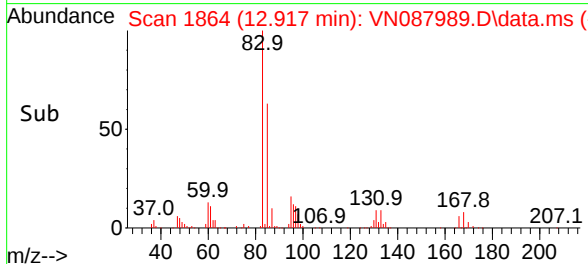
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 25177
Ion Ratio Lower Upper
83 100
131 10.6 5.2 15.6
85 67.5 32.4 97.0

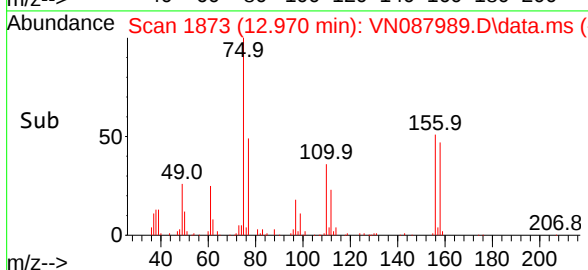
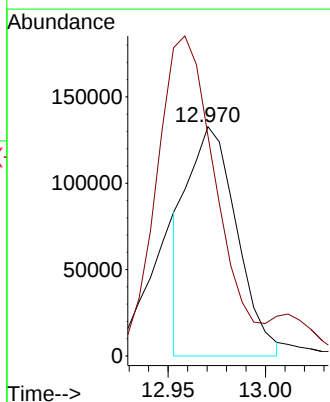
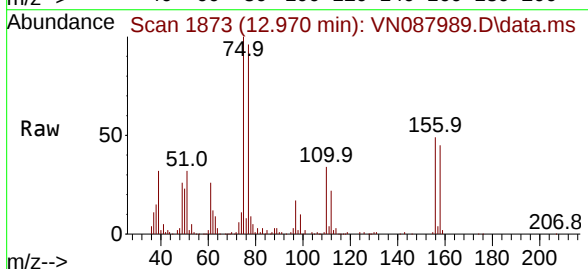
Manual Integrations
APPROVED

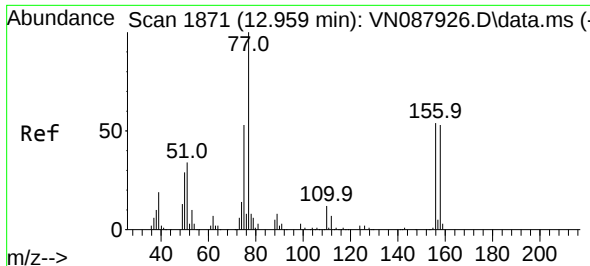
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#76
1,2,3-Trichloropropane
Concen: 49.523 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

Tgt Ion: 75 Resp: 235162
Ion Ratio Lower Upper
75 100
77 168.7 89.5 268.5





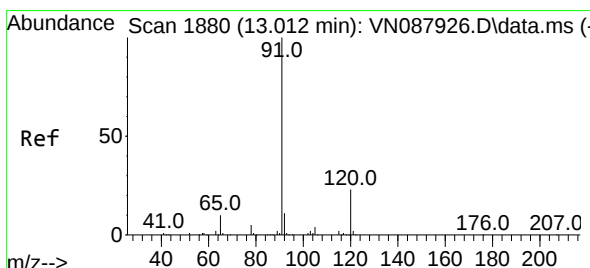
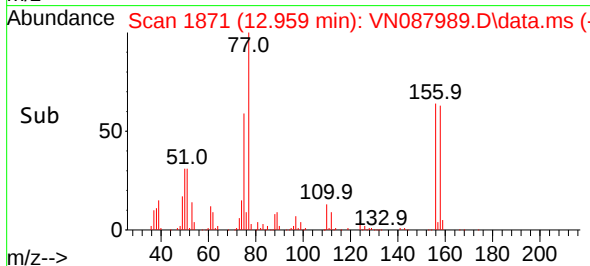
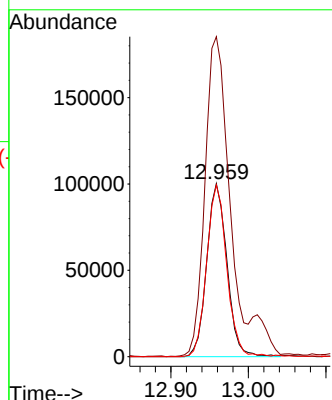
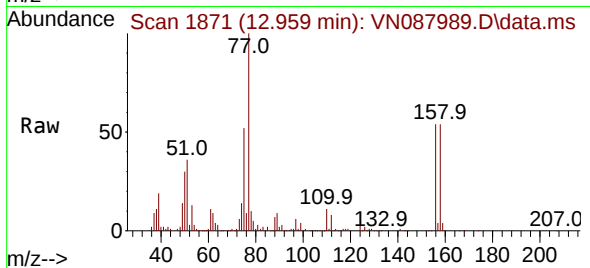
#77
Bromobenzene
Concen: 45.813 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 18198
Ion Ratio Lower Upper
156 100
77 218.0 108.2 324.6
158 98.5 49.6 149.0

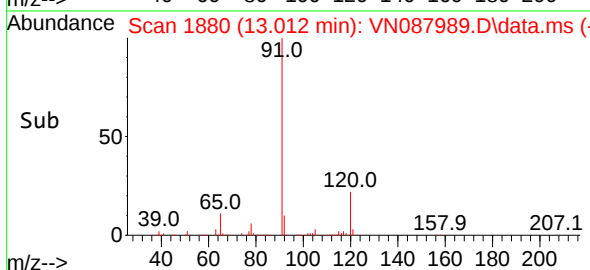
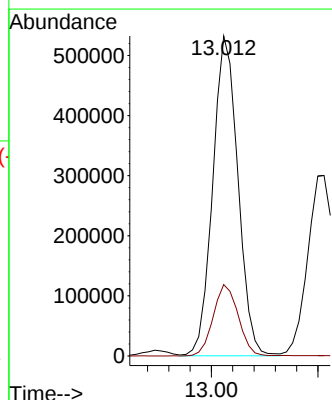
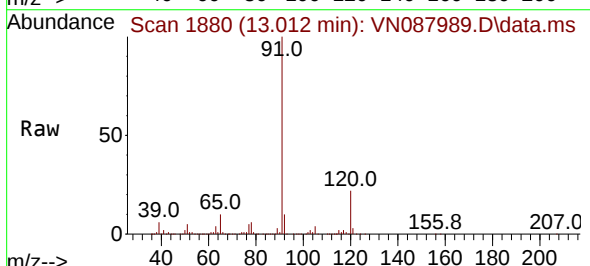
Manual Integrations
APPROVED

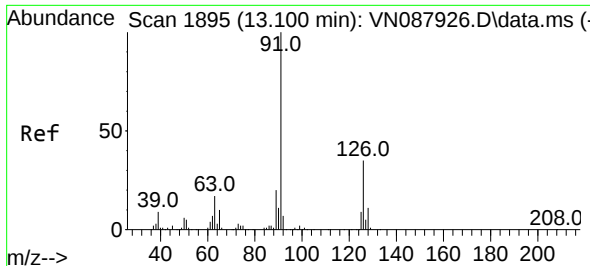
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#78
n-propylbenzene
Concen: 46.853 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

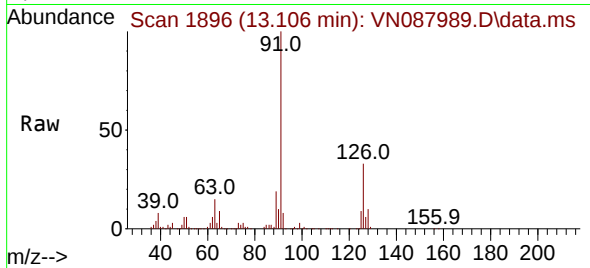
Tgt Ion: 91 Resp: 874587
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1





#79
2-Chlorotoluene
Concen: 46.934 ug/l
RT: 13.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

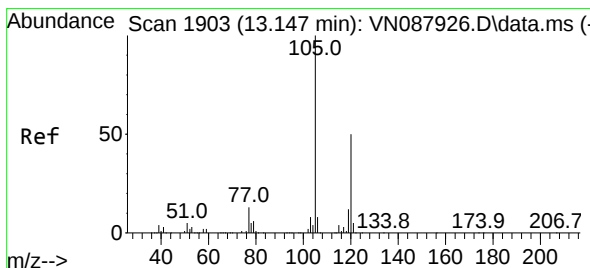
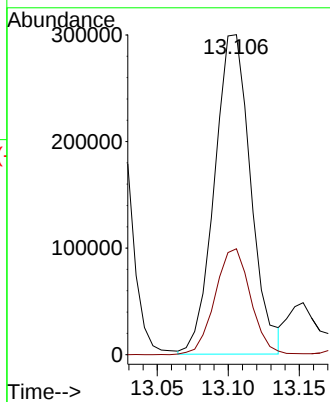
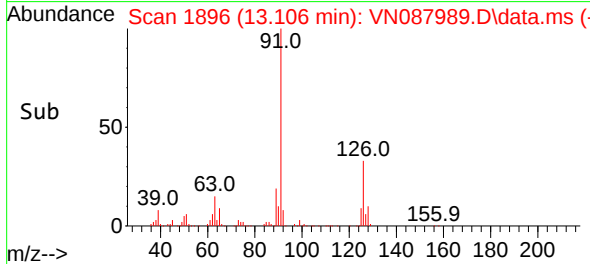
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



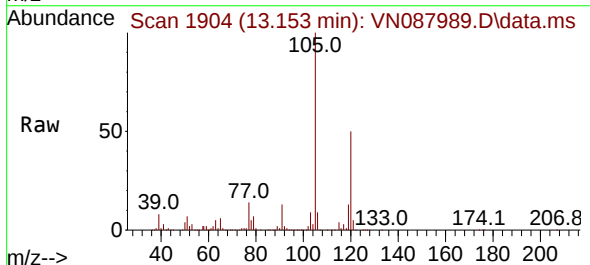
Tgt Ion: 91 Resp: 533430
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.8

Manual Integrations
APPROVED

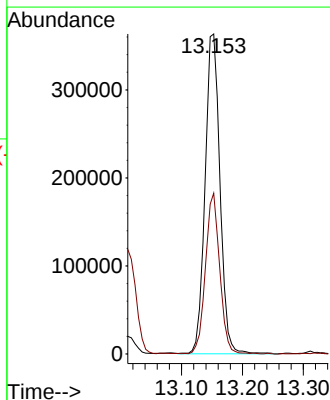
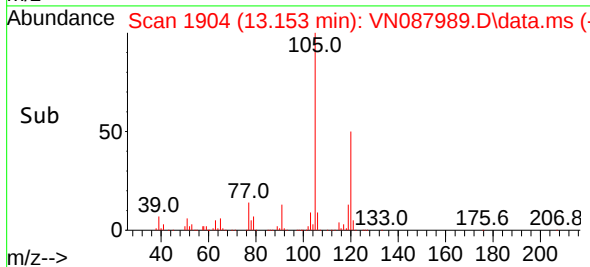
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

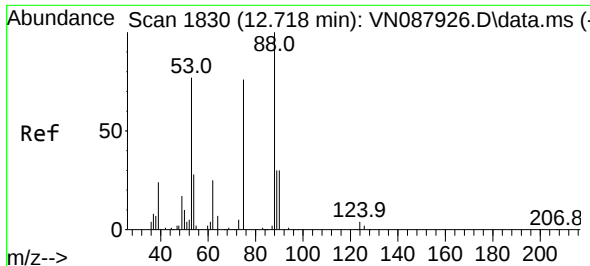


#80
1,3,5-Trimethylbenzene
Concen: 47.739 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



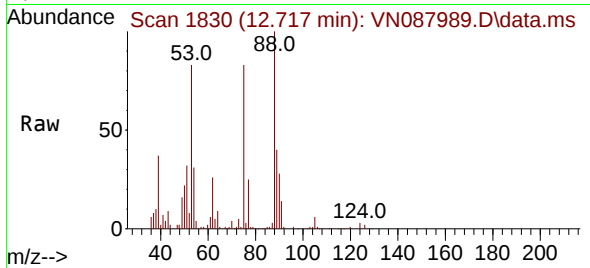
Tgt Ion:105 Resp: 616506
Ion Ratio Lower Upper
105 100
120 48.1 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 46.885 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

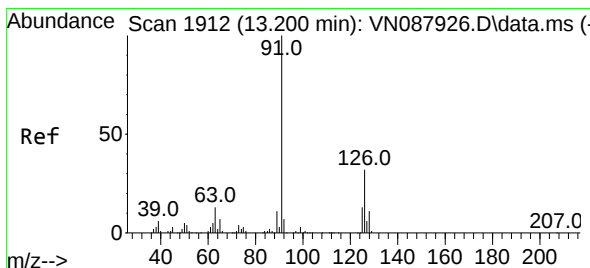
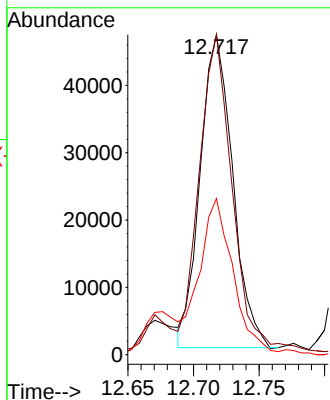
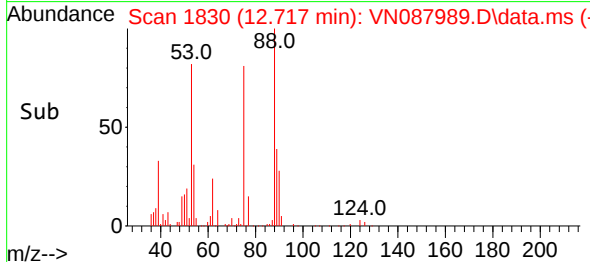
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 80170
Ion Ratio Lower Upper
75 100
53 103.4 82.0 123.0
89 50.6 36.1 54.1

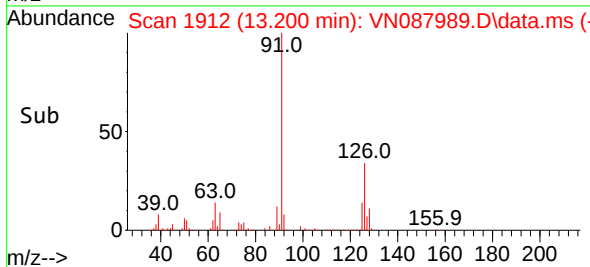
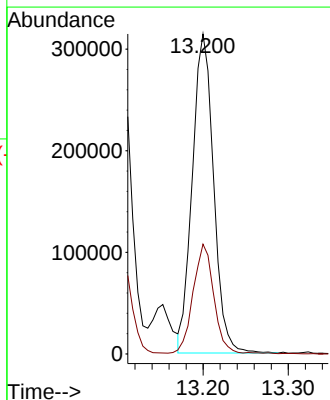
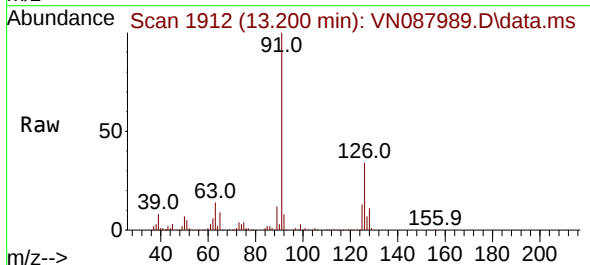
Manual Integrations
APPROVED

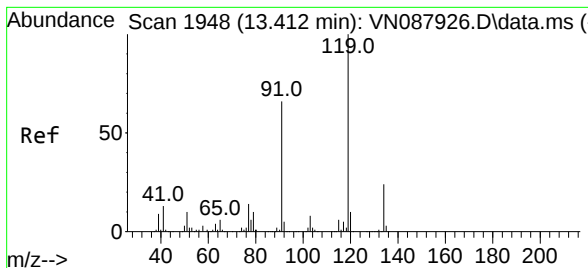
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#82
4-Chlorotoluene
Concen: 47.602 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

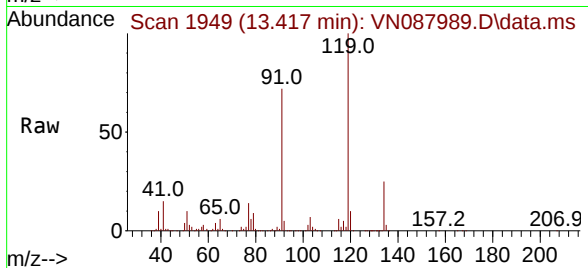
Tgt Ion: 91 Resp: 545162
Ion Ratio Lower Upper
91 100
126 34.2 16.9 50.6





#83
tert-Butylbenzene
Concen: 46.477 ug/l
RT: 13.417 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

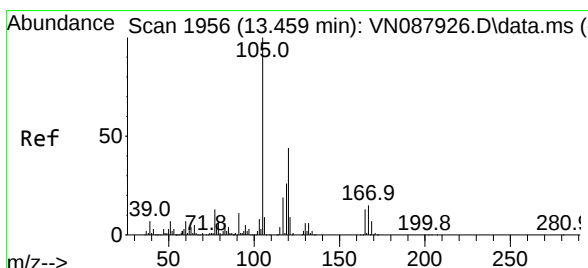
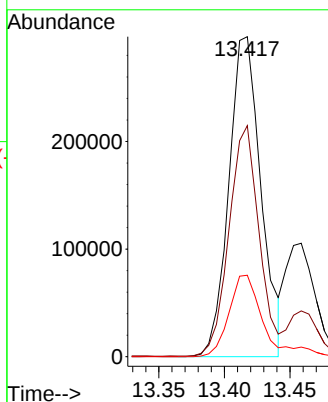
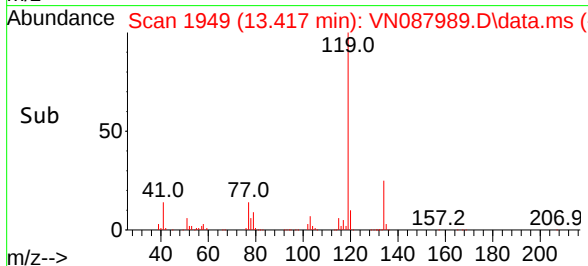
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



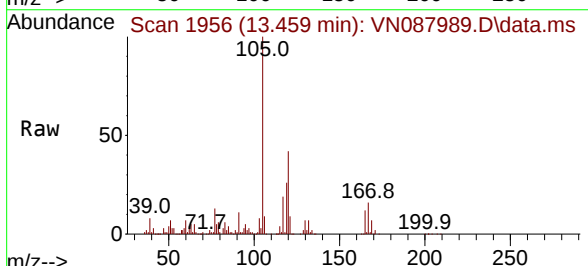
Tgt Ion:119 Resp: 508028
Ion Ratio Lower Upper
119 100
91 67.3 32.1 96.3
134 27.3 12.3 36.8

Manual Integrations
APPROVED

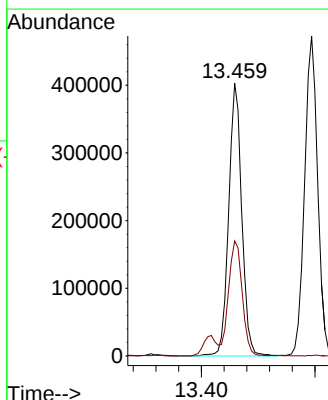
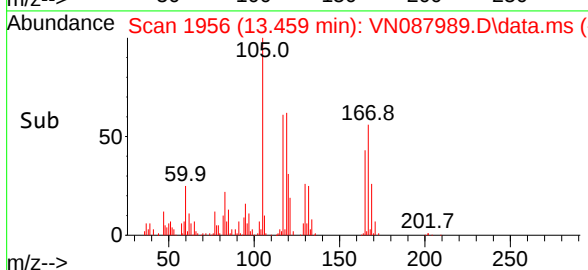
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

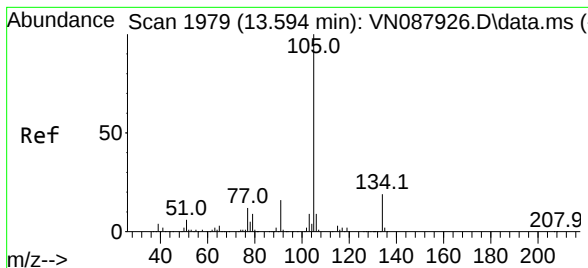


#84
1,2,4-Trimethylbenzene
Concen: 48.504 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



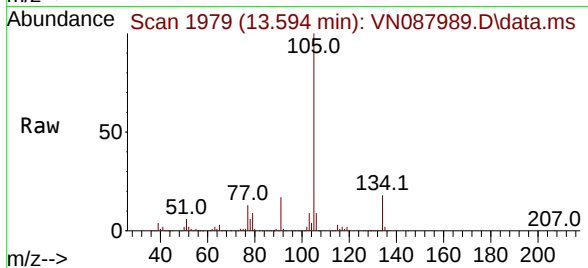
Tgt Ion:105 Resp: 642488
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 47.129 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087989.D
 Acq: 30 Sep 2025 09:00

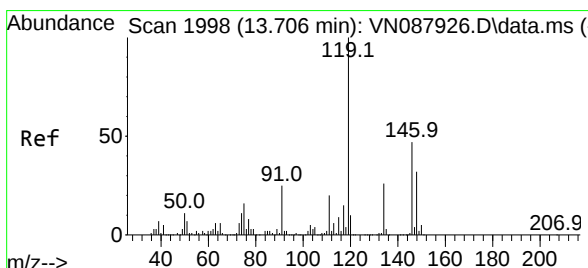
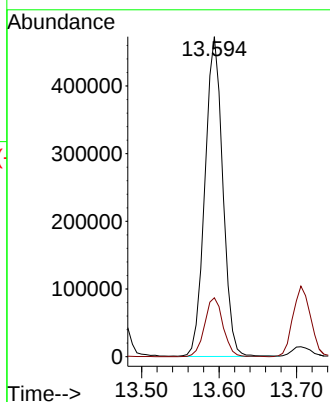
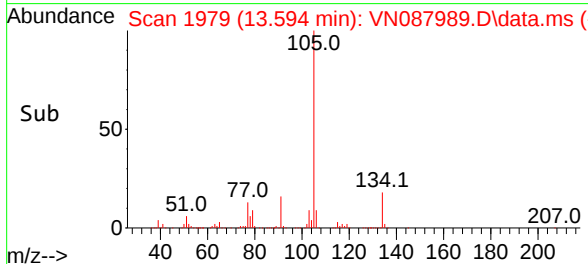
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



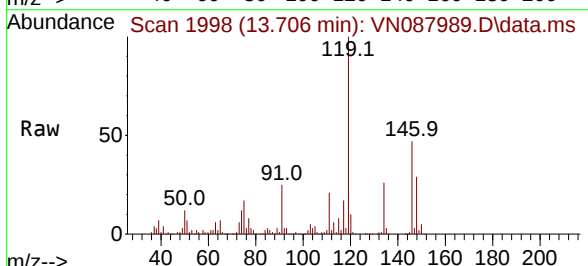
Tgt Ion:105 Resp: 75527
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.8

Manual Integrations
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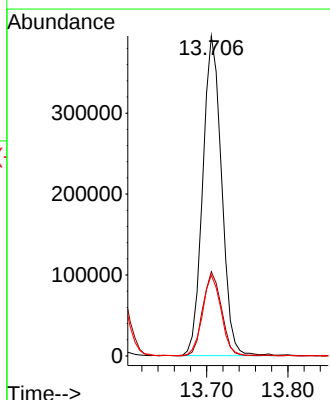
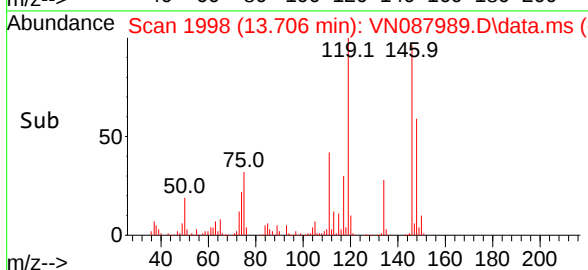
Reviewed By :John Carlone 10/01/2025
 Supervised By :Mahesh Dadoda 10/03/2025

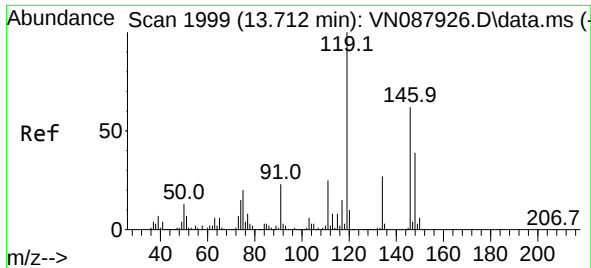


#86
 p-Isopropyltoluene
 Concen: 46.834 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087989.D
 Acq: 30 Sep 2025 09:00



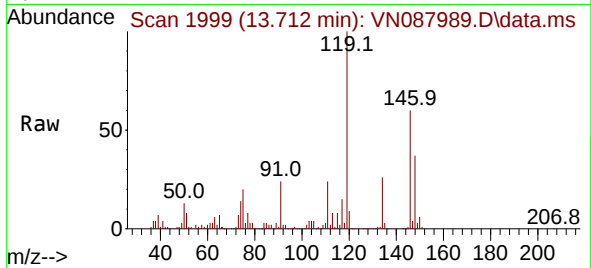
Tgt Ion:119 Resp: 635691
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 24.5 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 45.877 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

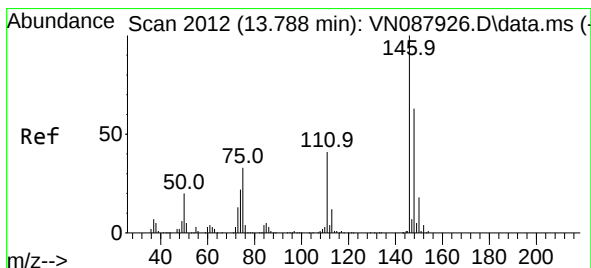
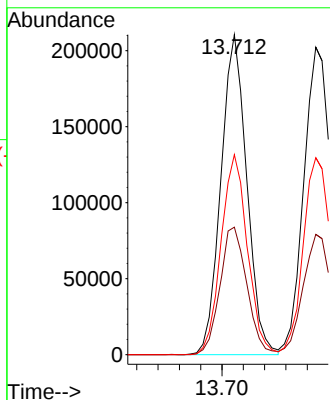
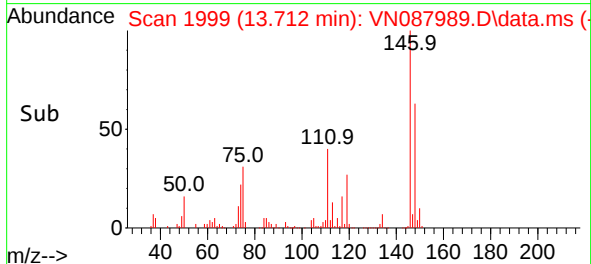
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



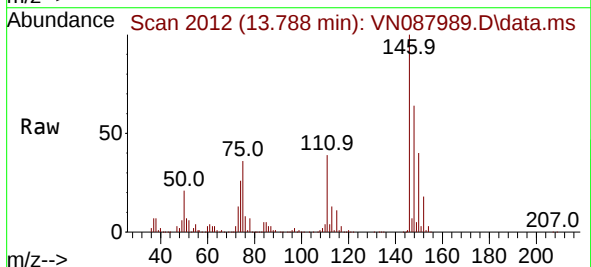
Tgt Ion:146 Resp: 35562
Ion Ratio Lower Upper
146 100
111 41.6 20.3 60.8
148 63.6 32.4 97.2

Manual Integrations
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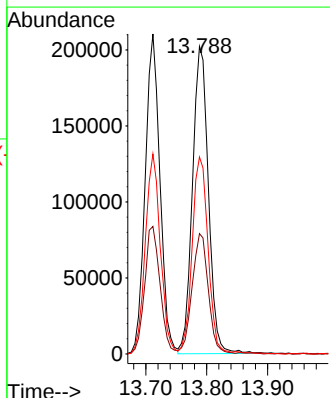
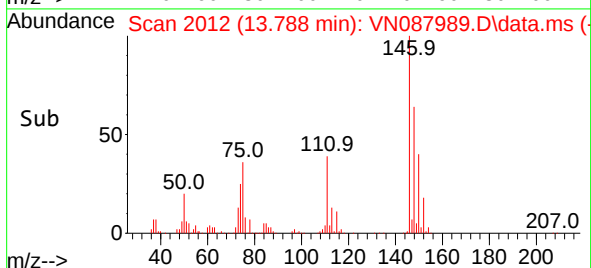
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

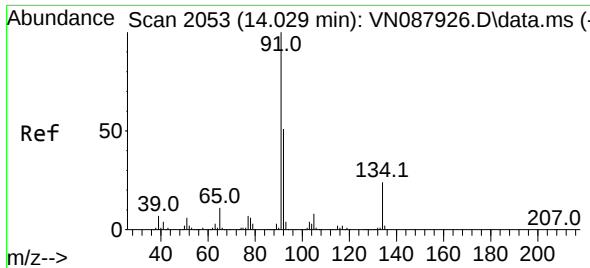


#88
1,4-Dichlorobenzene
Concen: 46.102 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



Tgt Ion:146 Resp: 367269
Ion Ratio Lower Upper
146 100
111 39.2 20.5 61.5
148 63.7 32.8 98.4





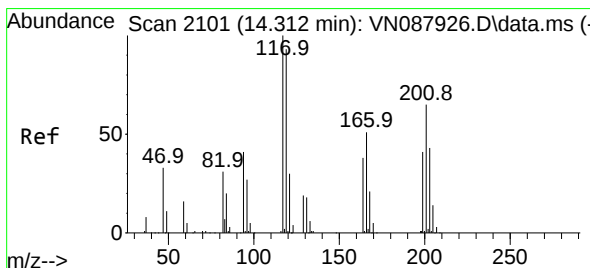
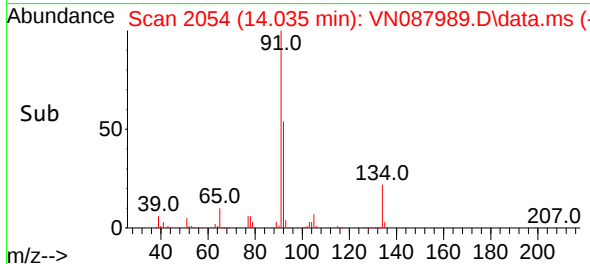
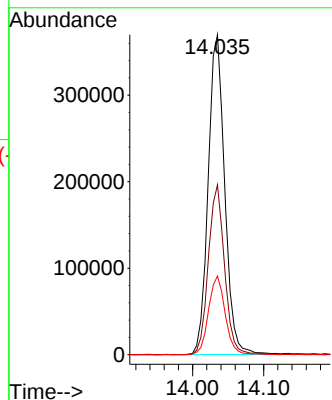
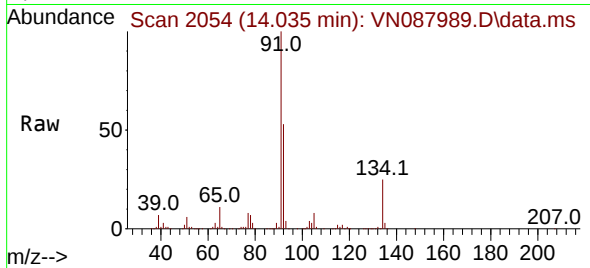
#89
n-Butylbenzene
Concen: 46.667 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 59861
Ion Ratio Lower Upper
91 100
92 52.2 25.9 77.8
134 24.9 12.6 37.8

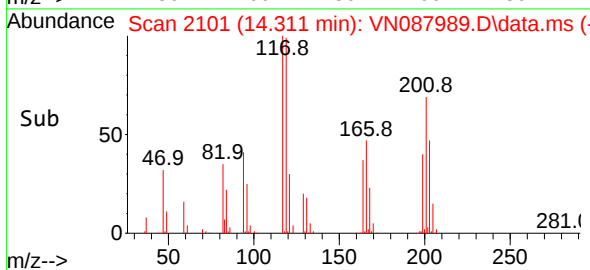
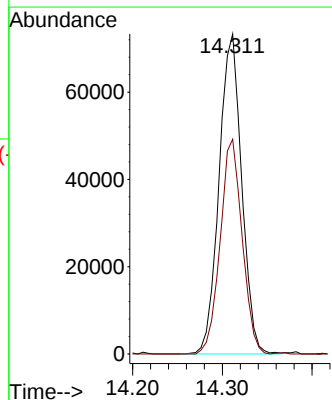
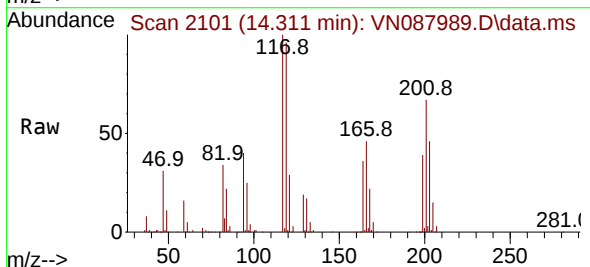
Manual Integrations
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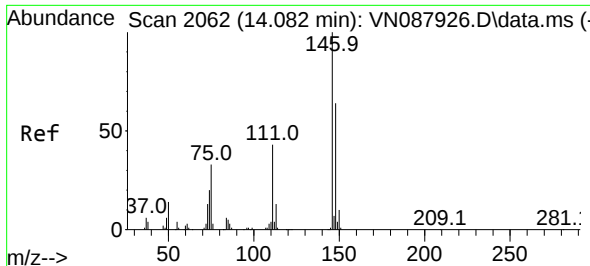
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#90
Hexachloroethane
Concen: 45.168 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

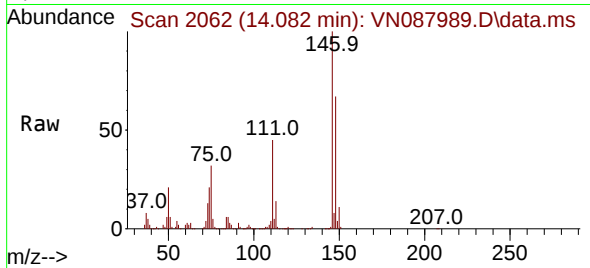
Tgt Ion:117 Resp: 128062
Ion Ratio Lower Upper
117 100
201 65.1 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 45.775 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

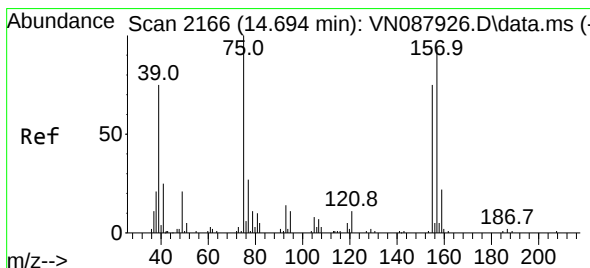
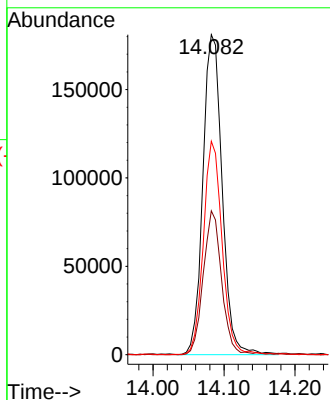
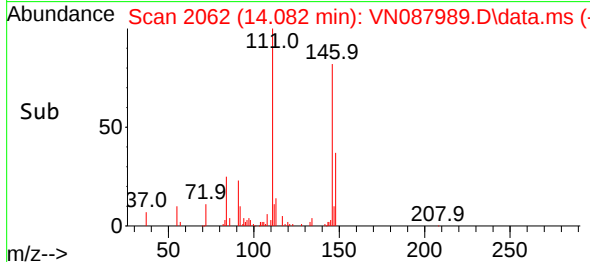
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



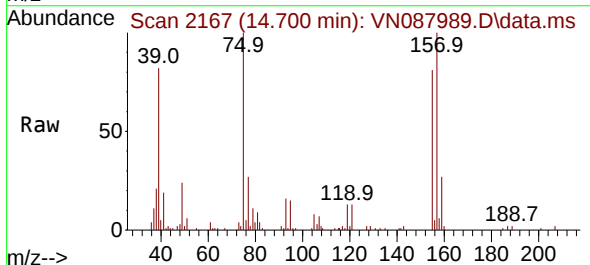
Tgt Ion:146 Resp: 342035
Ion Ratio Lower Upper
146 100
111 43.0 20.9 62.7
148 64.9 31.9 95.9

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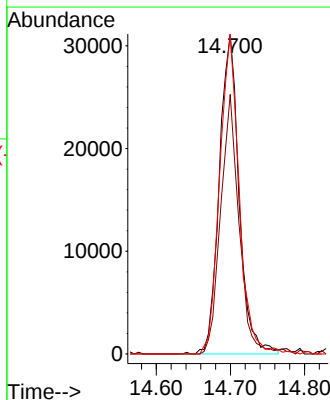
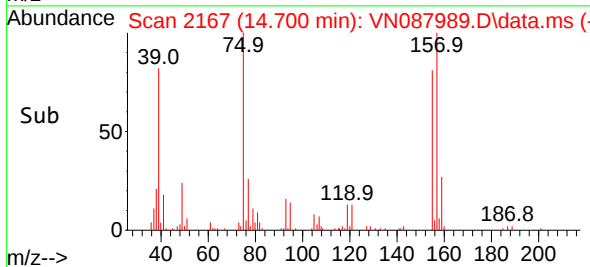
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

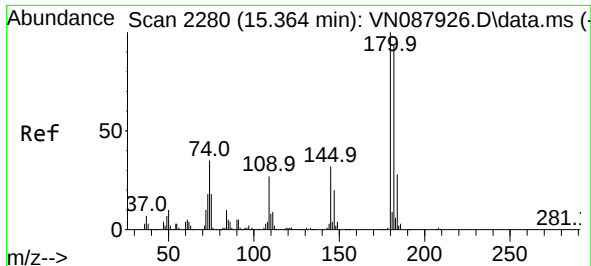


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.175 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



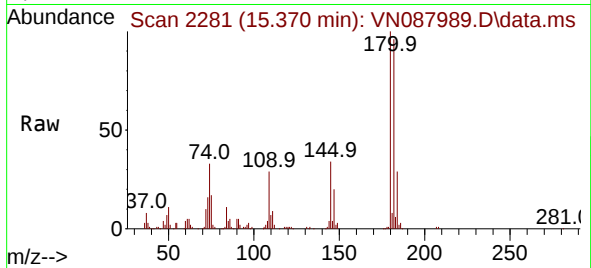
Tgt Ion: 75 Resp: 57715
Ion Ratio Lower Upper
75 100
155 76.1 40.2 120.6
157 98.5 50.9 152.7





#93
1,2,4-Trichlorobenzene
Concen: 45.856 ug/l
RT: 15.370 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

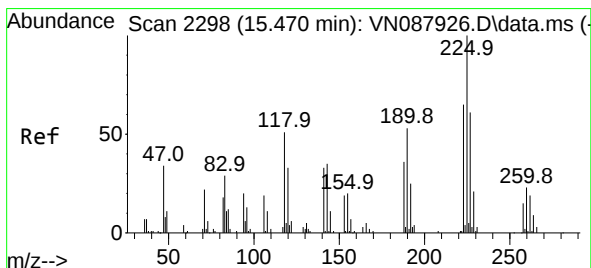
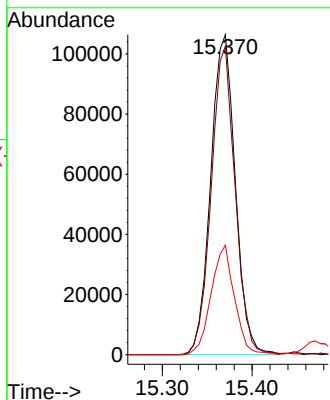
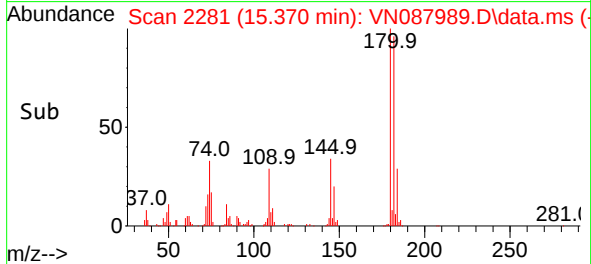
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



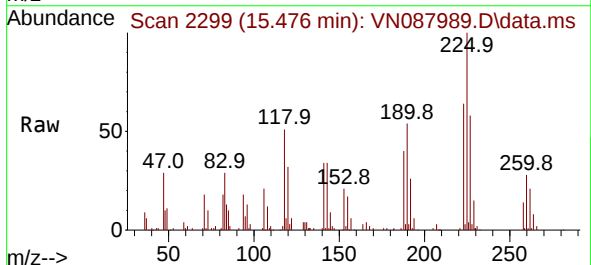
Tgt Ion:180 Resp: 202300
Ion Ratio Lower Upper
180 100
182 93.8 48.5 145.5
145 32.5 15.9 47.6

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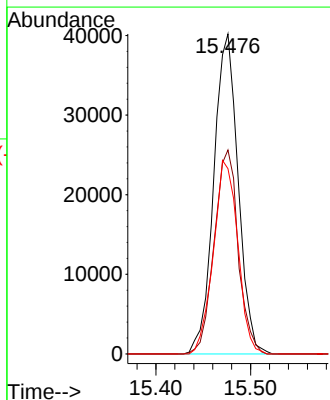
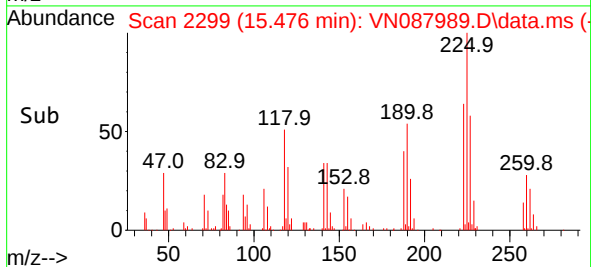
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

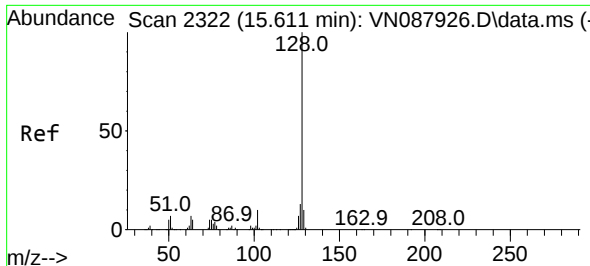


#94
Hexachlorobutadiene
Concen: 44.235 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.006 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



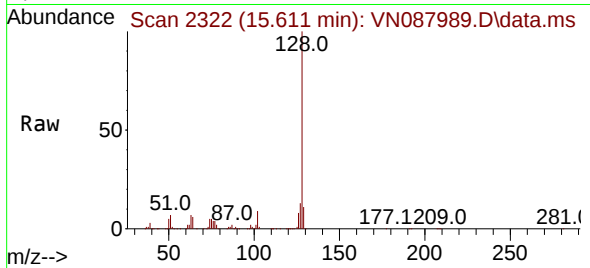
Tgt Ion:225 Resp: 71829
Ion Ratio Lower Upper
225 100
223 62.8 31.8 95.4
227 60.6 31.9 95.9





#95
Naphthalene
Concen: 47.188 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00

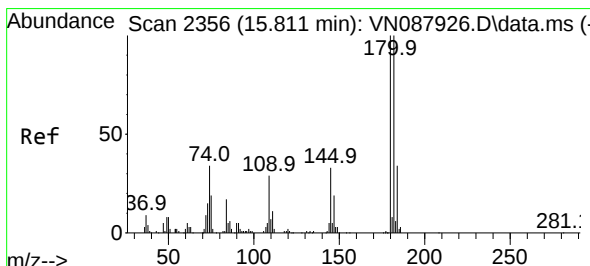
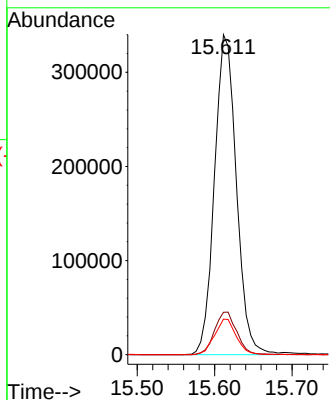
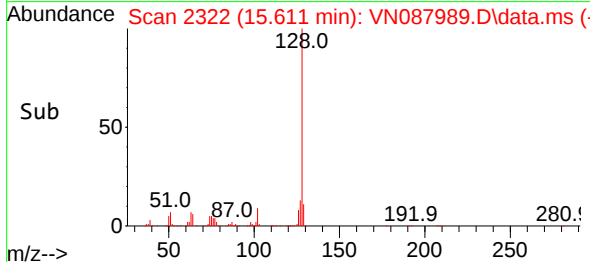
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



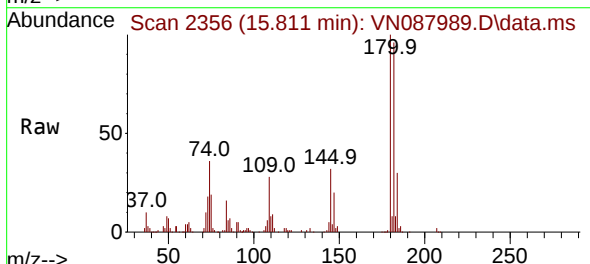
Tgt Ion:128 Resp: 668258
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 46.698 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087989.D
Acq: 30 Sep 2025 09:00



Tgt Ion:180 Resp: 200288
Ion Ratio Lower Upper
180 100
182 93.4 47.3 142.0
145 32.6 16.1 48.3

