

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092525\
 Data File : VN087959.D
 Acq On : 25 Sep 2025 16:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 26 07:35:37 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 09/26/2025
 Supervised By : Mahesh Dadoda 09/29/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	212118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	408072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	381827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	200044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	187229	52.448	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.900%			
35) Dibromofluoromethane	8.153	113	141426	47.733	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.460%			
50) Toluene-d8	10.547	98	458446	44.001	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 88.000%			
62) 4-Bromofluorobenzene	12.829	95	164306	44.118	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	107807	43.886	ug/l	98
3) Chloromethane	2.383	50	132717	52.765	ug/l	99
4) Vinyl Chloride	2.536	62	129218	50.356	ug/l	98
5) Bromomethane	2.971	94	93164	58.562	ug/l	99
6) Chloroethane	3.136	64	91183	54.650	ug/l	91
7) Trichlorofluoromethane	3.506	101	187886	44.970	ug/l	93
8) Diethyl Ether	3.959	74	93457	59.209	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	106248	48.114	ug/l	99
10) Methyl Iodide	4.577	142	124422	62.604	ug/l	100
11) Tert butyl alcohol	5.530	59	162566	316.170	ug/l #	85
12) 1,1-Dichloroethene	4.336	96	106147	47.640	ug/l	89
13) Acrolein	4.177	56	178311	270.276	ug/l	96
14) Allyl chloride	5.018	41	184435	50.845	ug/l	96
15) Acrylonitrile	5.706	53	492041	305.079	ug/l	100
16) Acetone	4.424	43	391356	266.452	ug/l	99
17) Carbon Disulfide	4.700	76	324214	46.572	ug/l	97
18) Methyl Acetate	5.018	43	242379	65.940	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	525055	60.324	ug/l	99
20) Methylene Chloride	5.265	84	164566	55.354	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	134628	49.288	ug/l	91
22) Diisopropyl ether	6.665	45	495645	58.532	ug/l	94
23) Vinyl Acetate	6.588	43	2324172	325.972	ug/l	99
24) 1,1-Dichloroethane	6.553	63	264785	53.521	ug/l	99
25) 2-Butanone	7.471	43	673893	300.182	ug/l	97
26) 2,2-Dichloropropane	7.471	77	185973	42.310	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	176417	54.281	ug/l	98
28) Bromochloromethane	7.794	49	137962	51.326	ug/l	99
29) Tetrahydrofuran	7.824	42	431080	299.887	ug/l	98
30) Chloroform	7.947	83	292276	54.031	ug/l	98
31) Cyclohexane	8.235	56	170089	42.490	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	228218	49.930	ug/l	97
36) 1,1-Dichloropropene	8.353	75	159244	44.698	ug/l	97
37) Ethyl Acetate	7.547	43	263526	56.329	ug/l	99
38) Carbon Tetrachloride	8.341	117	185698	45.424	ug/l	98
39) Methylcyclohexane	9.582	83	176709	44.963	ug/l	98
40) Benzene	8.588	78	595744	50.504	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	137773	56.985	ug/l	97
42) 1,2-Dichloroethane	8.653	62	236898	53.815	ug/l	99
43) Isopropyl Acetate	8.671	43	431497	58.596	ug/l	99
44) Trichloroethene	9.335	130	131189	46.559	ug/l	90
45) 1,2-Dichloropropane	9.600	63	155815	52.678	ug/l	99
46) Dibromomethane	9.688	93	127855	54.779	ug/l	97
47) Bromodichloromethane	9.865	83	243068	53.097	ug/l	99
48) Methyl methacrylate	9.665	41	194943	57.165	ug/l	98
49) 1,4-Dioxane	9.682	88	62142	1233.486	ug/l #	84
51) 4-Methyl-2-Pentanone	10.423	43	1364289	296.901	ug/l	100
52) Toluene	10.612	92	360004	48.634	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	247769	52.883	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	248595	51.087	ug/l	100
55) 1,1,2-Trichloroethane	10.994	97	164997	54.820	ug/l	93
56) Ethyl methacrylate	10.853	69	256594	59.000	ug/l	98
57) 1,3-Dichloropropane	11.141	76	270726	54.687	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	769535	376.332	ug/l	98
59) 2-Hexanone	11.176	43	926289	304.863	ug/l	97
60) Dibromochloromethane	11.335	129	191357	54.074	ug/l	100
61) 1,2-Dibromoethane	11.447	107	171963	53.969	ug/l	99
64) Tetrachloroethene	11.082	164	107777	46.338	ug/l	98
65) Chlorobenzene	11.870	112	403200	49.621	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	148987	50.845	ug/l	98
67) Ethyl Benzene	11.941	91	638294	47.077	ug/l	99
68) m/p-Xylenes	12.047	106	508612	98.084	ug/l	97
69) o-Xylene	12.376	106	245733	49.325	ug/l	100
70) Styrene	12.394	104	433160	50.625	ug/l	99
71) Bromoform	12.559	173	132994	55.943	ug/l #	96
73) Isopropylbenzene	12.676	105	605352	48.826	ug/l	100
74) N-amyl acetate	12.500	43	214023m	52.391	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	259046	57.990	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	201941m	51.211	ug/l	
77) Bromobenzene	12.959	156	169845	51.487	ug/l	99
78) n-propylbenzene	13.012	91	754701	48.687	ug/l	99
79) 2-Chlorotoluene	13.100	91	455635	48.275	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	525581	49.009	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	92675	65.261	ug/l #	84
82) 4-Chlorotoluene	13.200	91	475393	49.987	ug/l	100
83) tert-Butylbenzene	13.417	119	442957	48.799	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	549222	49.930	ug/l	99
85) sec-Butylbenzene	13.594	105	652729	49.047	ug/l	98
86) p-Isopropyltoluene	13.706	119	551957	48.969	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	319255	49.595	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	319505	48.296	ug/l	98
89) n-Butylbenzene	14.035	91	506045	47.507	ug/l	99
90) Hexachloroethane	14.311	117	109519	46.515	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	314884	50.747	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	56150	54.096	ug/l	94
93) 1,2,4-Trichlorobenzene	15.370	180	183229	50.013	ug/l	99
94) Hexachlorobutadiene	15.476	225	68154	50.543	ug/l	97
95) Naphthalene	15.617	128	687561	58.465	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	183123	51.415	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

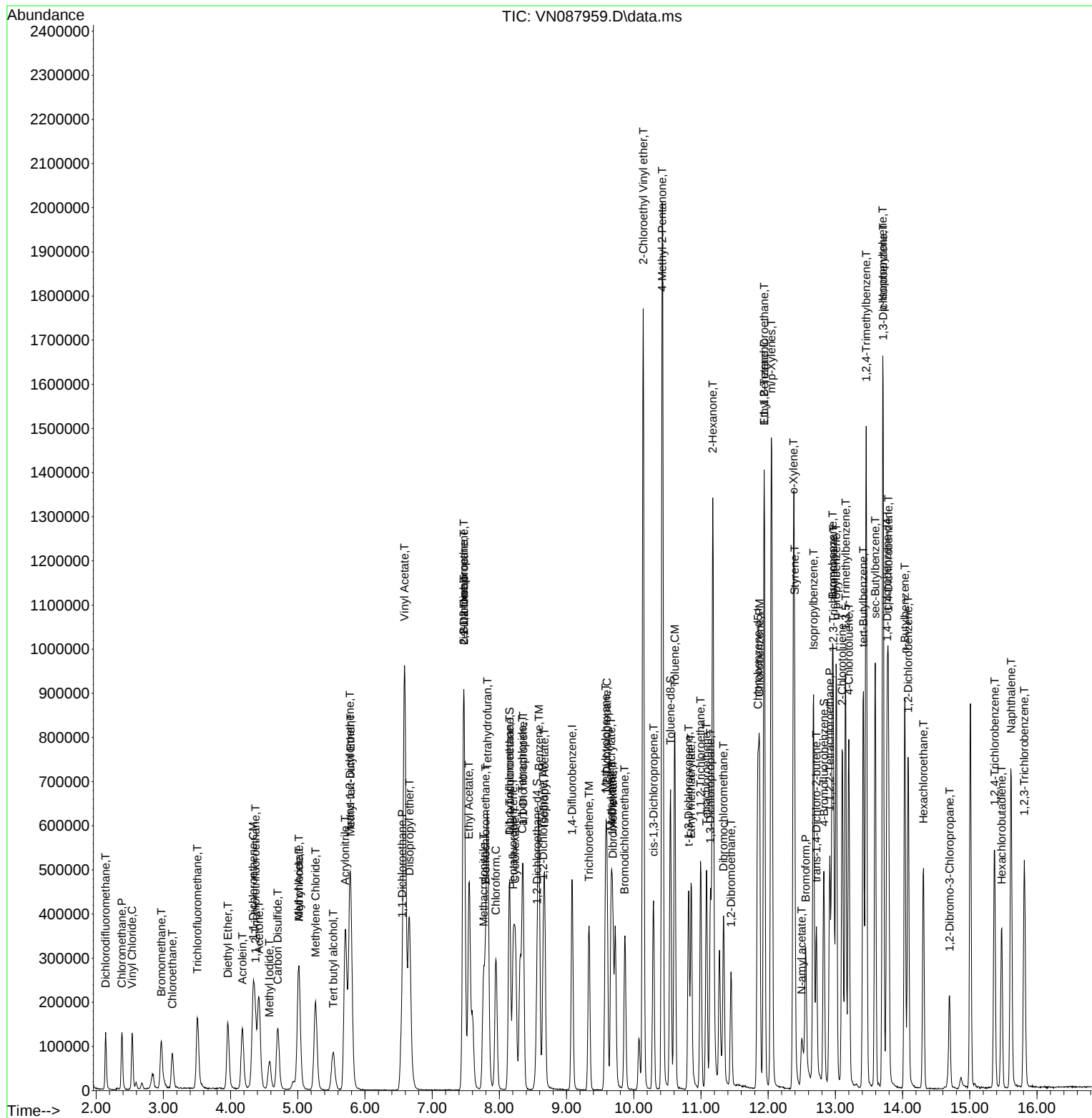
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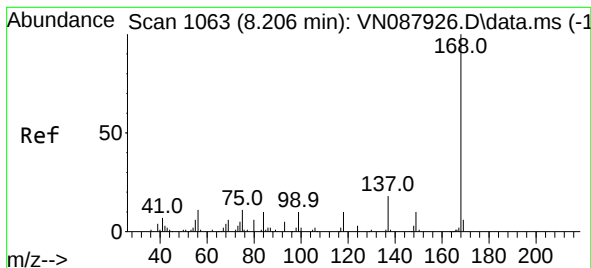
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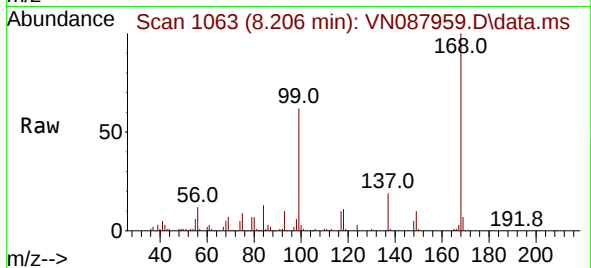
Reviewed By :John Carlone 09/26/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
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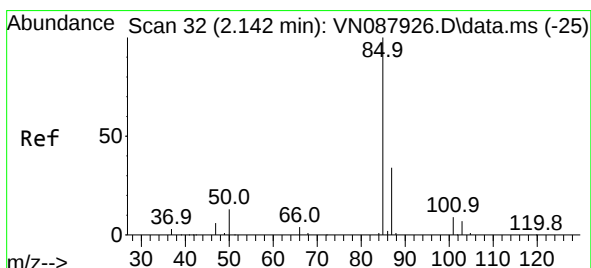
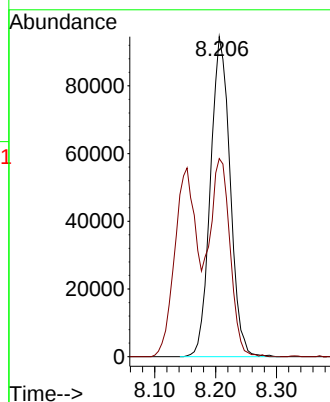
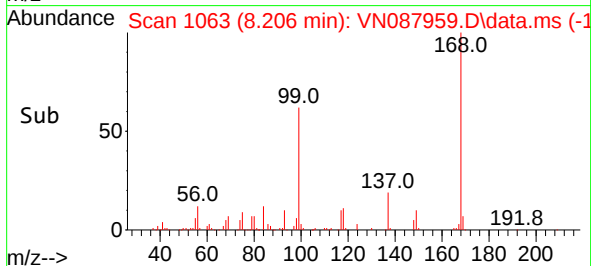
Instrument :
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Tgt Ion:168 Resp: 212118
Ion Ratio Lower Upper
168 100
99 61.9 52.2 78.2

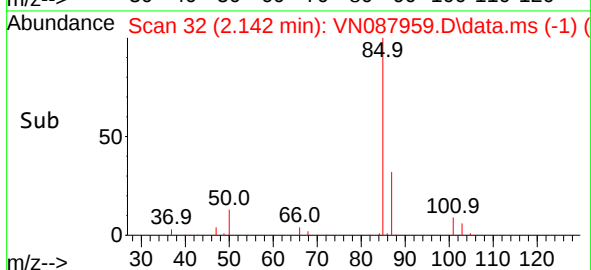
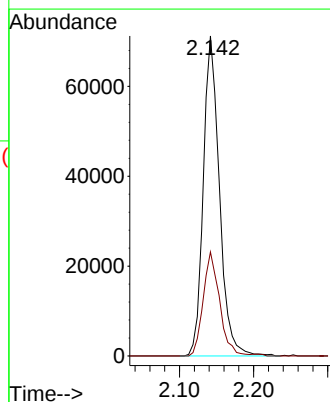
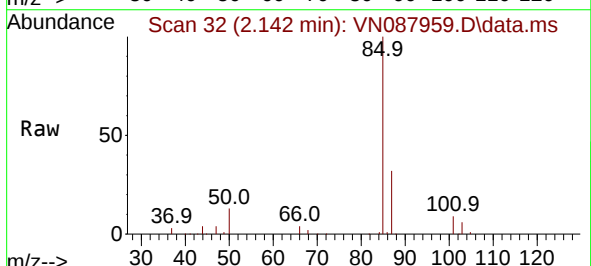
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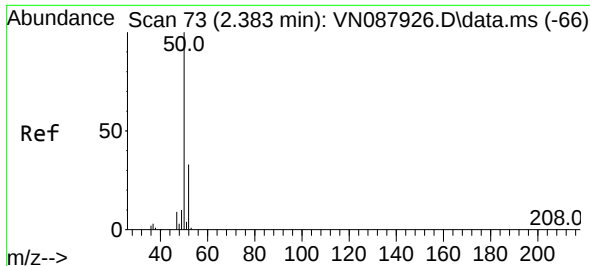
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#2
Dichlorodifluoromethane
Concen: 43.886 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087959.D
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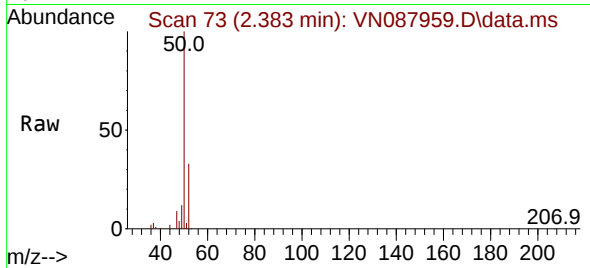
Tgt Ion: 85 Resp: 107807
Ion Ratio Lower Upper
85 100
87 32.5 16.9 50.6





#3
Chloromethane
Concen: 52.765 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

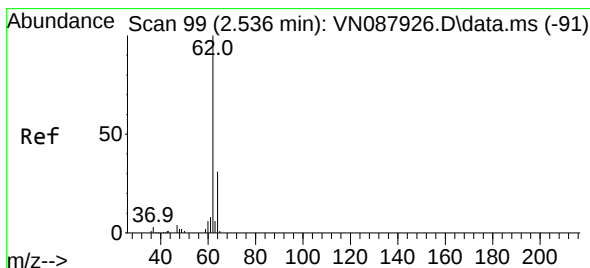
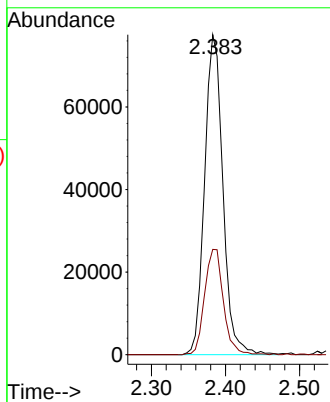
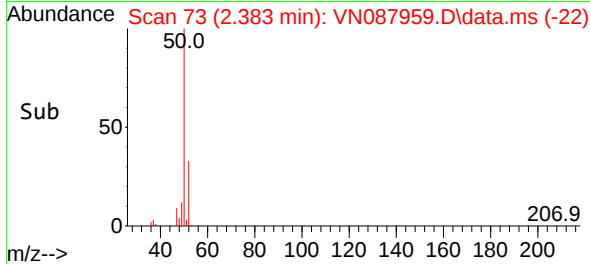
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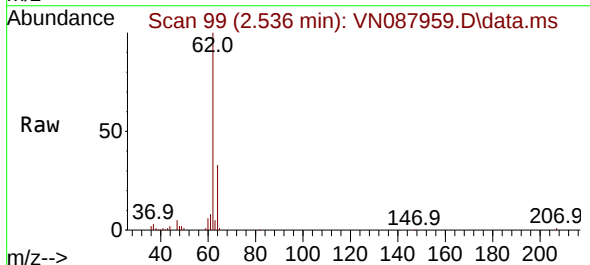
Tgt Ion: 50 Resp: 13271
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0

Manual Integrations
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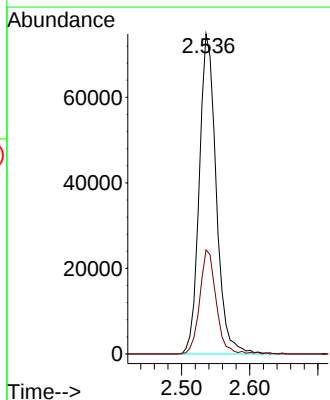
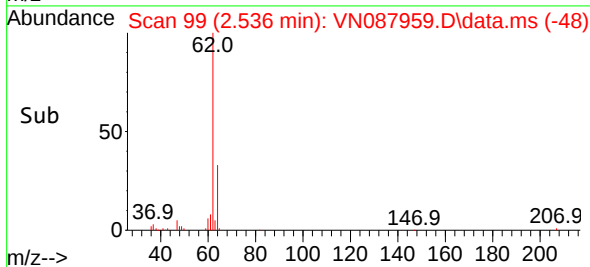
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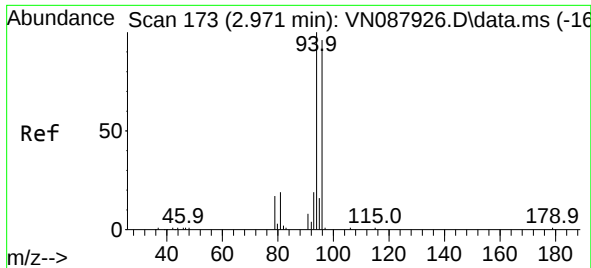


#4
Vinyl Chloride
Concen: 50.356 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



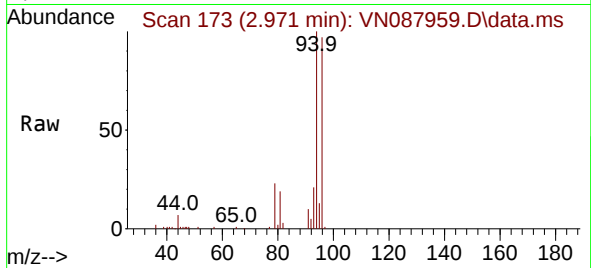
Tgt Ion: 62 Resp: 129218
Ion Ratio Lower Upper
62 100
64 32.5 25.2 37.8





#5
Bromomethane
Concen: 58.562 ug/l
RT: 2.971 min Scan# 173
Delta R.T. -0.000 min
Lab File: VN087959.D
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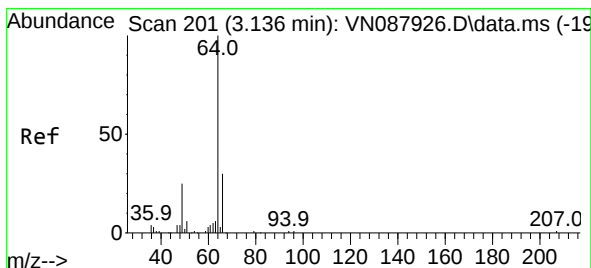
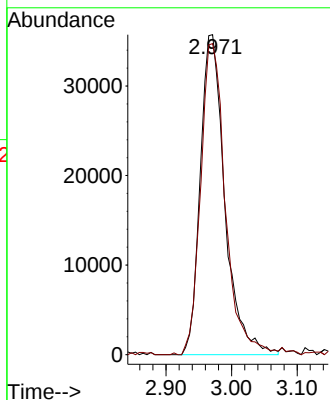
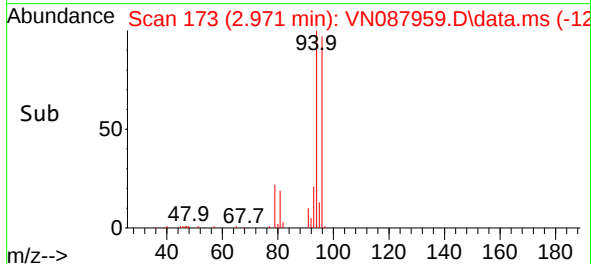
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Tgt Ion: 94 Resp: 93164
Ion Ratio Lower Upper
94 100
96 97.2 76.8 115.2

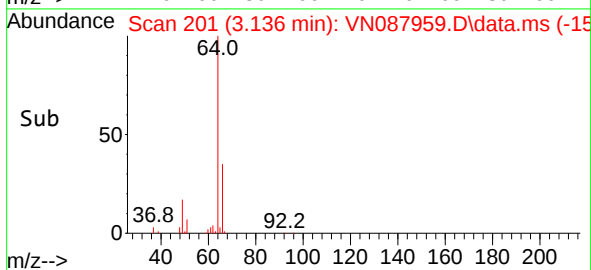
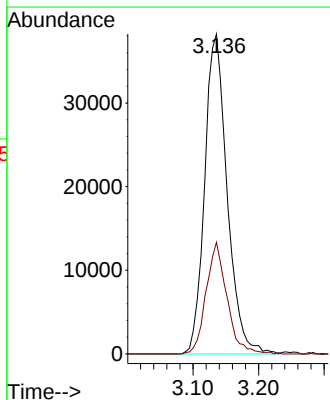
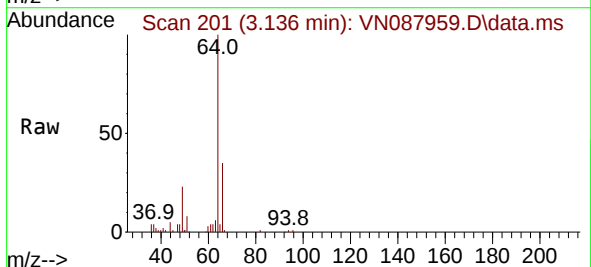
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#6
Chloroethane
Concen: 54.650 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

Tgt Ion: 64 Resp: 91183
Ion Ratio Lower Upper
64 100
66 34.9 23.8 35.8





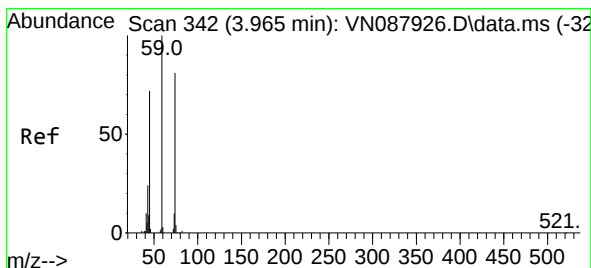
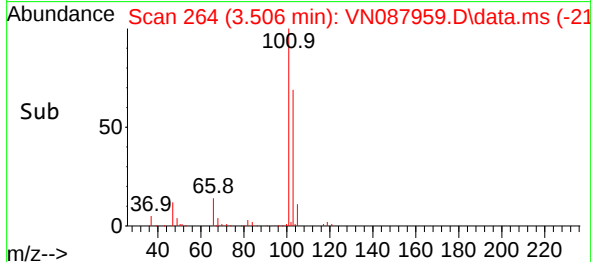
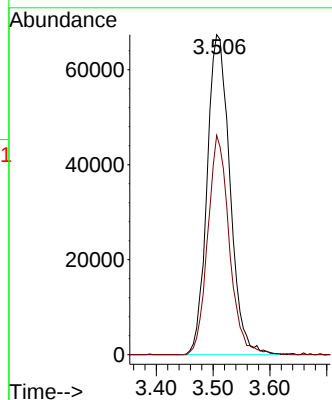
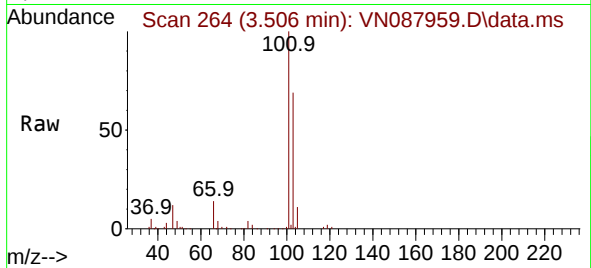
#7
 Trichlorofluoromethane
 Concen: 44.970 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN087959.D
 Acq: 25 Sep 2025 16:50

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 18788
 Ion Ratio Lower Upper
 101 100
 103 68.6 50.2 75.4

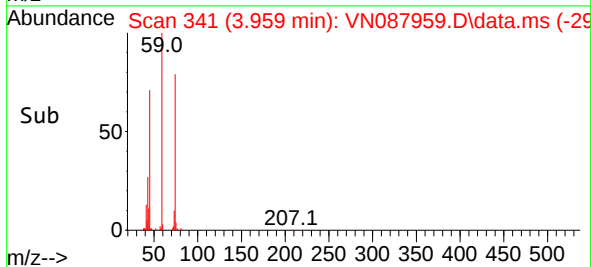
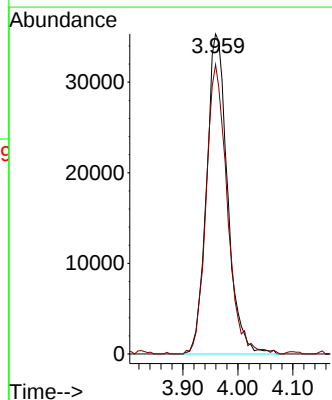
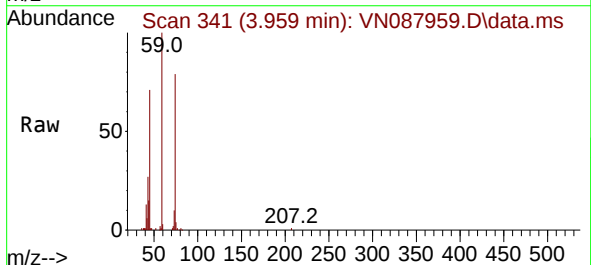
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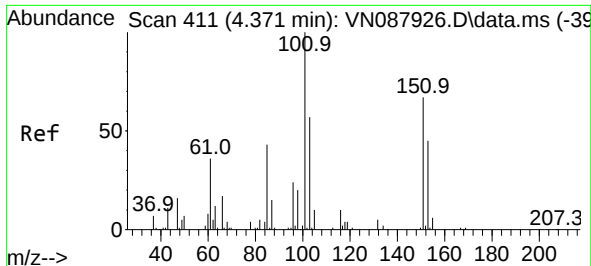
Reviewed By :John Carlone 09/26/2025
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#8
 Diethyl Ether
 Concen: 59.209 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087959.D
 Acq: 25 Sep 2025 16:50

Tgt Ion: 74 Resp: 93457
 Ion Ratio Lower Upper
 74 100
 45 91.6 45.4 136.1





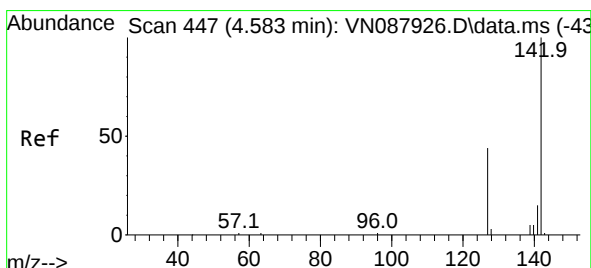
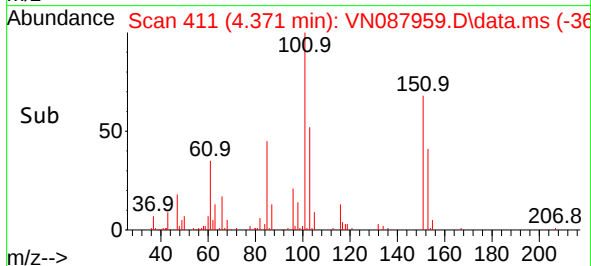
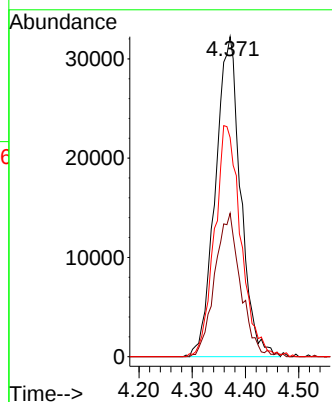
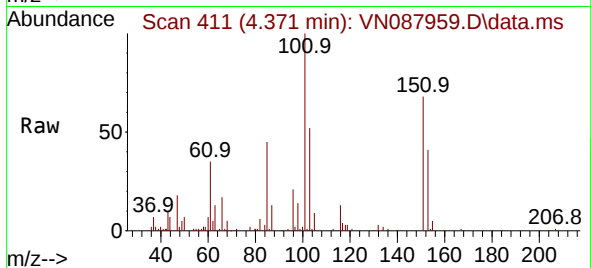
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.114 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 106248
Ion Ratio Lower Upper
101 100
85 45.6 36.5 54.7
151 75.2 58.6 87.8

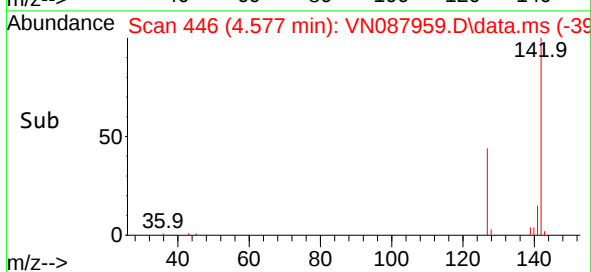
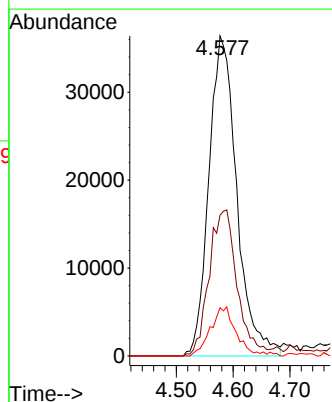
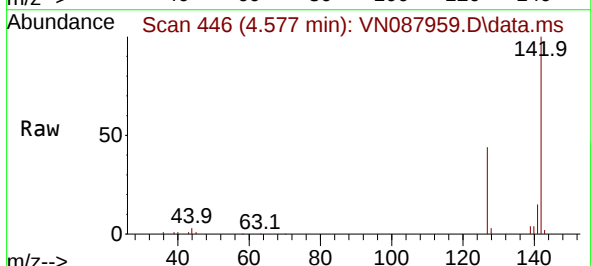
Manual Integrations
APPROVED

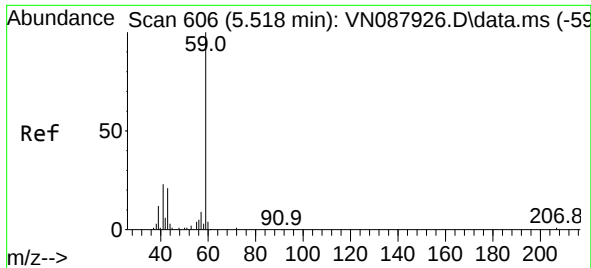
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#10
Methyl Iodide
Concen: 62.604 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

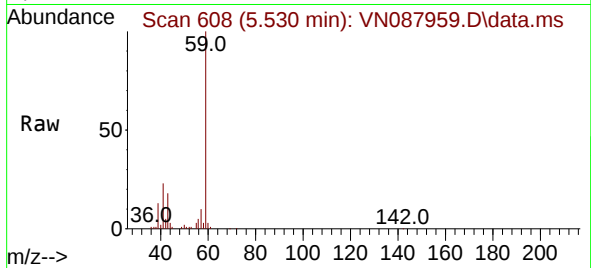
Tgt Ion:142 Resp: 124422
Ion Ratio Lower Upper
142 100
127 44.0 35.3 52.9
141 15.0 11.8 17.8





#11
Tert butyl alcohol
Concen: 316.170 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

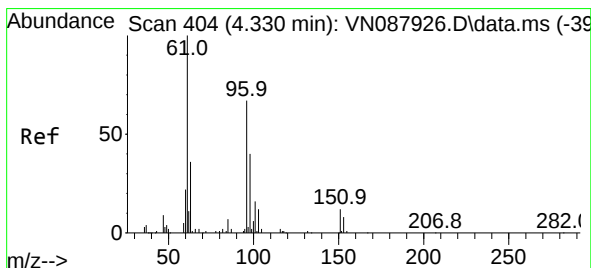
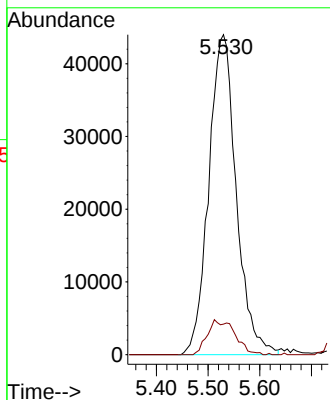
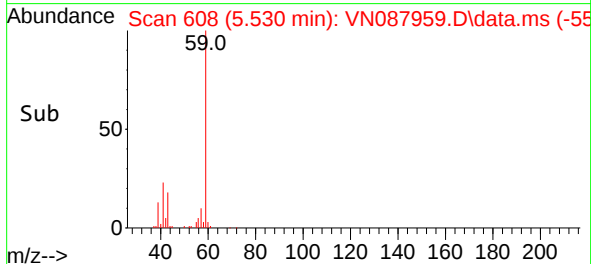
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



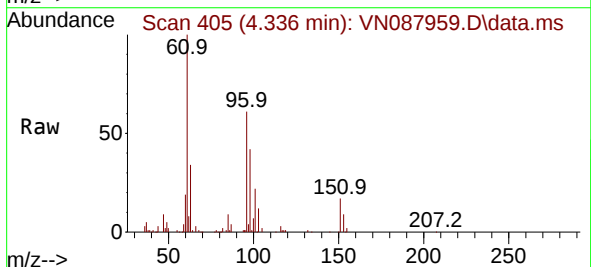
Tgt Ion: 59 Resp: 162560
Ion Ratio Lower Upper
59 100
57 5.4 8.8 13.2

Manual Integrations
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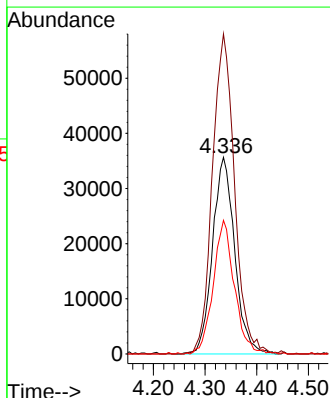
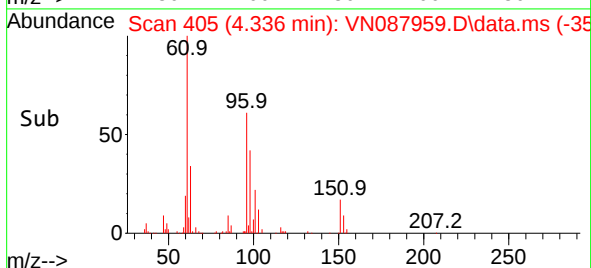
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

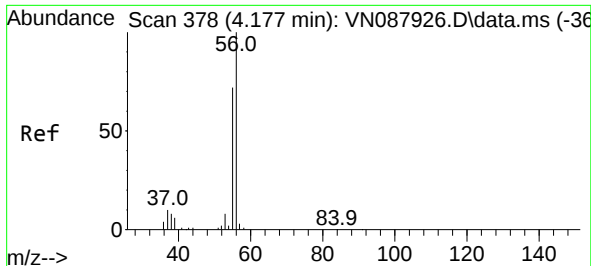


#12
1,1-Dichloroethene
Concen: 47.640 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



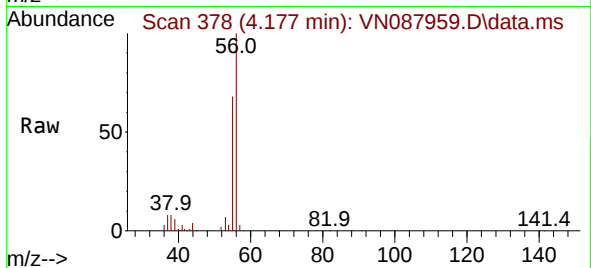
Tgt Ion: 96 Resp: 106147
Ion Ratio Lower Upper
96 100
61 162.8 119.2 178.8
98 67.9 47.5 71.3





#13
Acrolein
Concen: 270.276 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

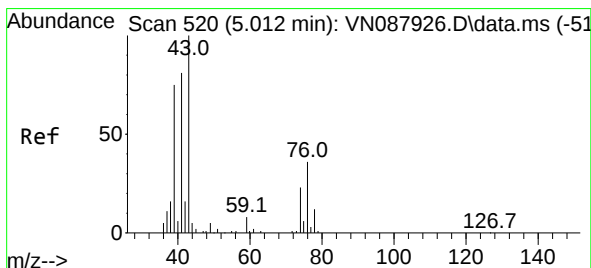
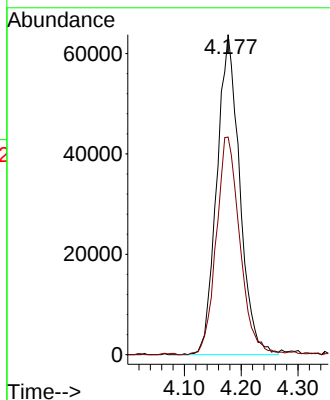
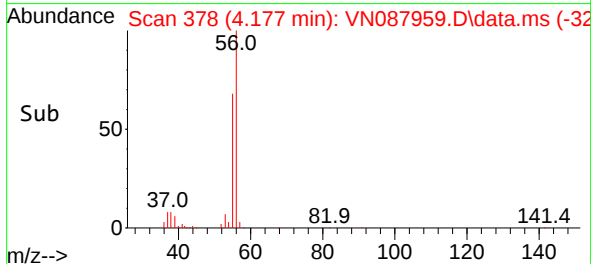
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 17831
Ion Ratio Lower Upper
56 100
55 70.5 59.3 88.9

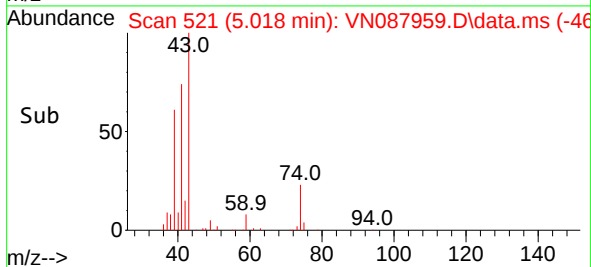
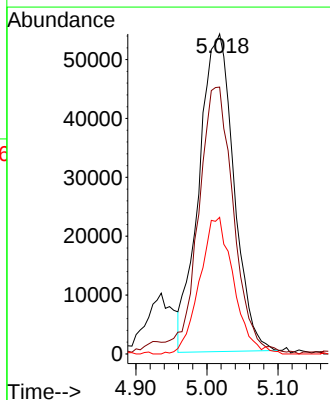
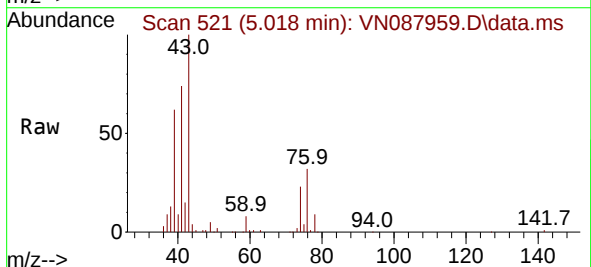
Manual Integrations
APPROVED

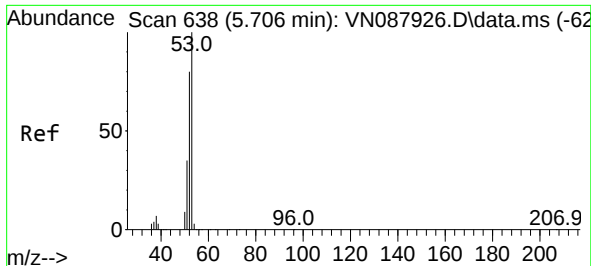
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#14
Allyl chloride
Concen: 50.845 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

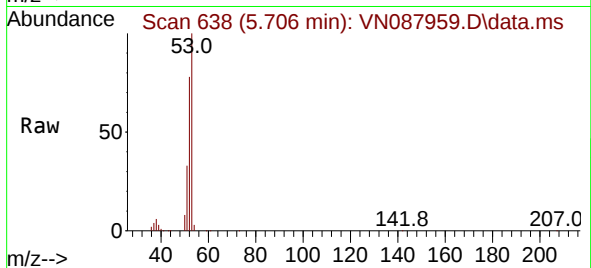
Tgt Ion: 41 Resp: 184435
Ion Ratio Lower Upper
41 100
39 84.5 63.8 95.8
76 41.7 33.0 49.6





#15
Acrylonitrile
Concen: 305.079 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

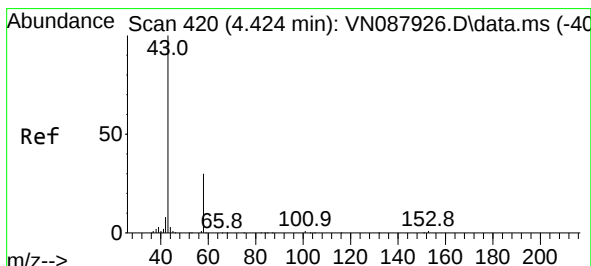
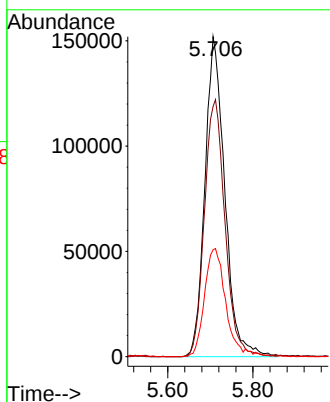
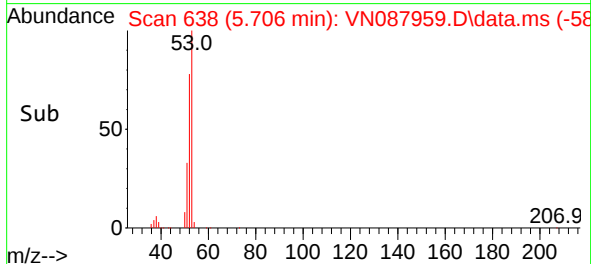
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 49204
Ion Ratio Lower Upper
53 100
52 83.1 66.6 99.8
51 36.4 29.0 43.4

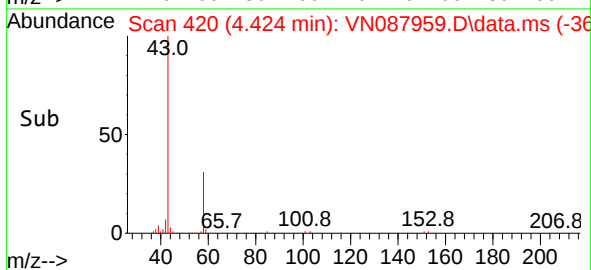
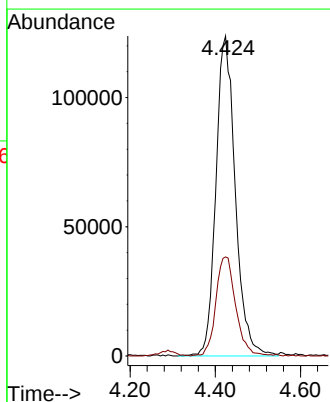
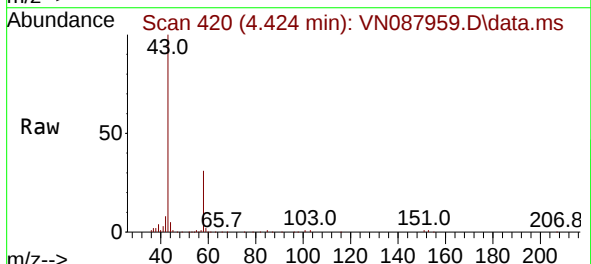
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#16
Acetone
Concen: 266.452 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

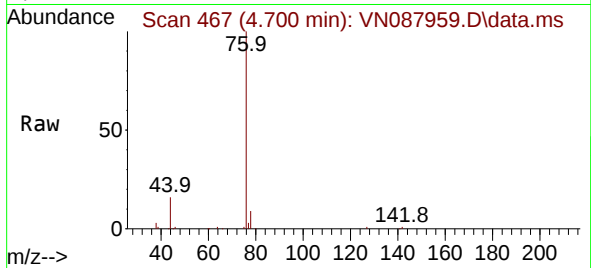
Tgt Ion: 43 Resp: 391356
Ion Ratio Lower Upper
43 100
58 30.6 24.1 36.1





#17
Carbon Disulfide
Concen: 46.572 ug/l
RT: 4.700 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

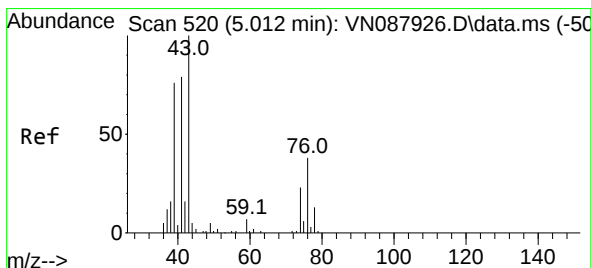
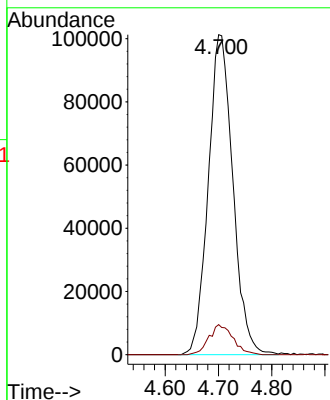
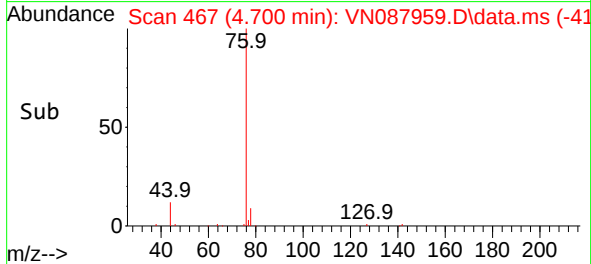
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 324214
Ion Ratio Lower Upper
76 100
78 9.4 6.7 10.1

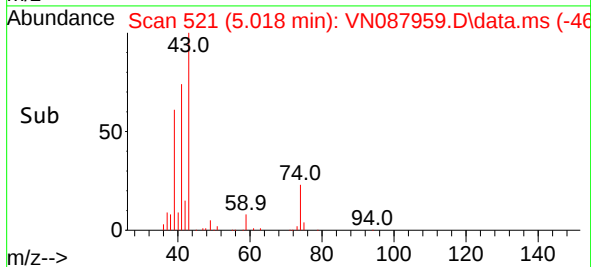
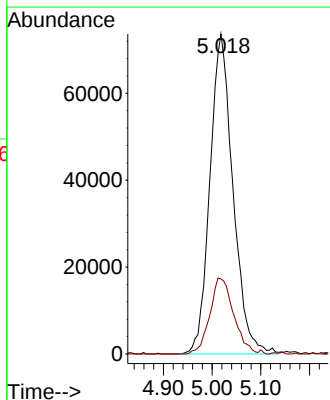
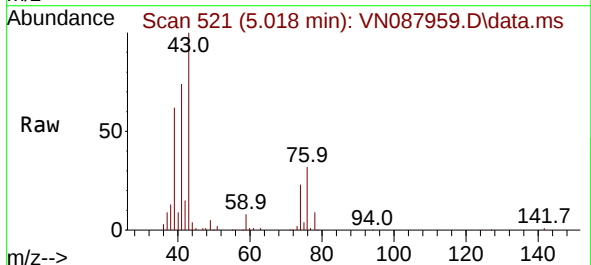
Manual Integrations
APPROVED

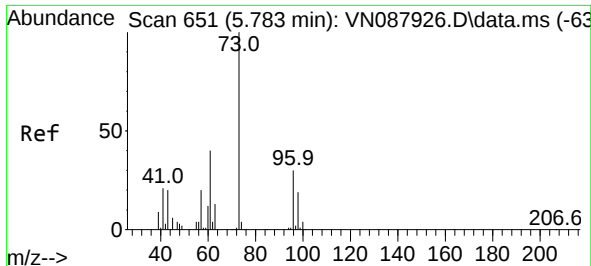
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#18
Methyl Acetate
Concen: 65.940 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

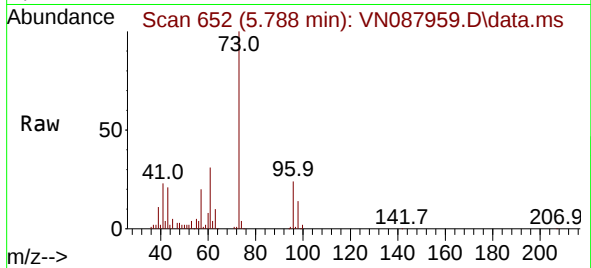
Tgt Ion: 43 Resp: 242379
Ion Ratio Lower Upper
43 100
74 24.5 19.7 29.5





#19
Methyl tert-butyl Ether
Concen: 60.324 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

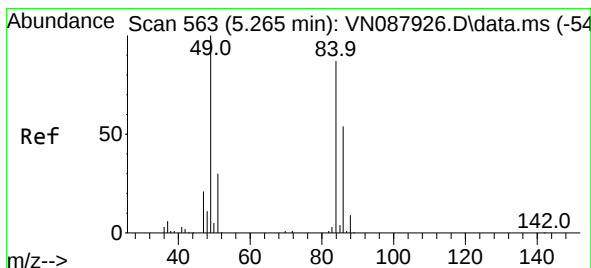
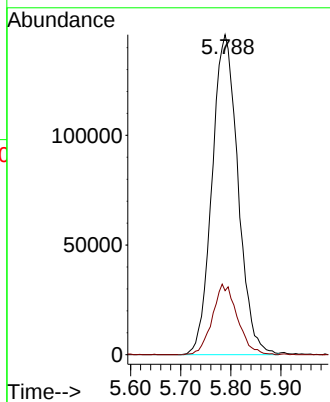
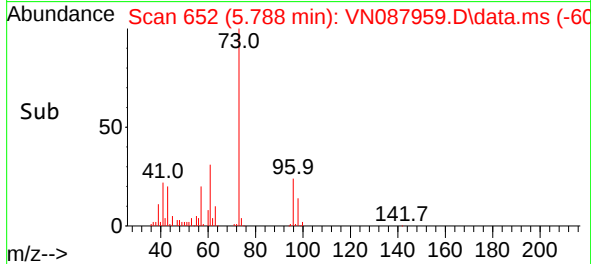
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 52505
Ion Ratio Lower Upper
73 100
57 20.0 16.3 24.5

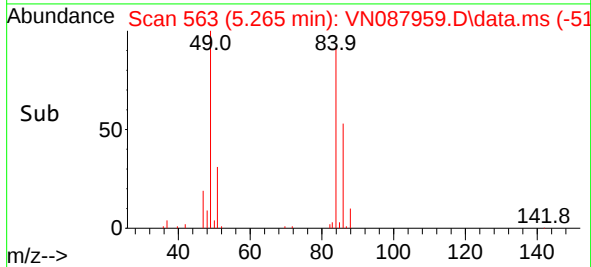
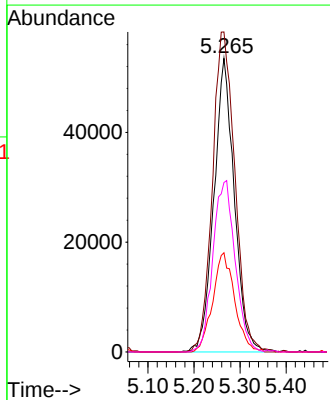
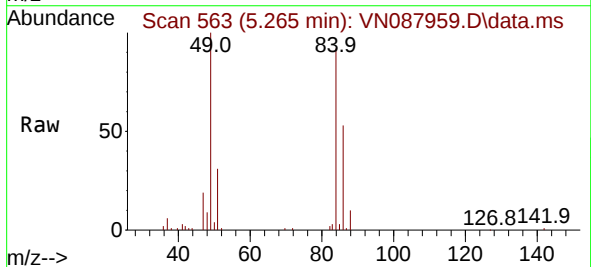
Manual Integrations
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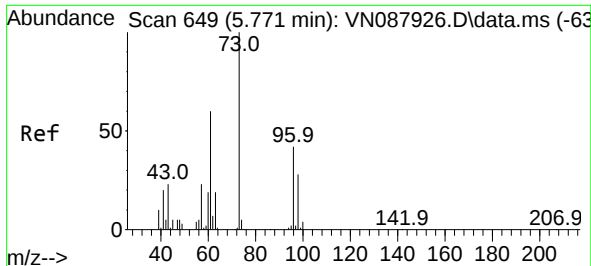
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#20
Methylene Chloride
Concen: 55.354 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

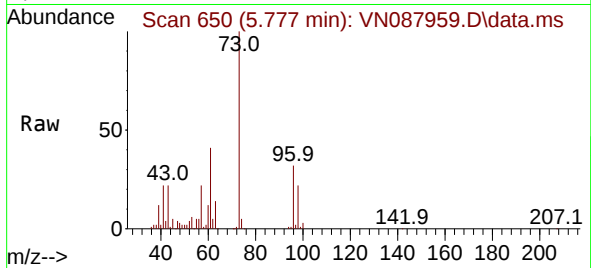
Tgt Ion: 84 Resp: 164566
Ion Ratio Lower Upper
84 100
49 109.0 92.1 138.1
51 33.8 27.7 41.5
86 57.7 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 49.288 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

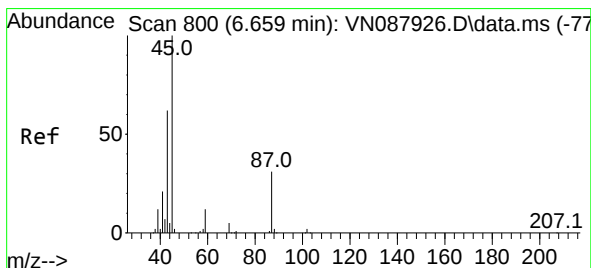
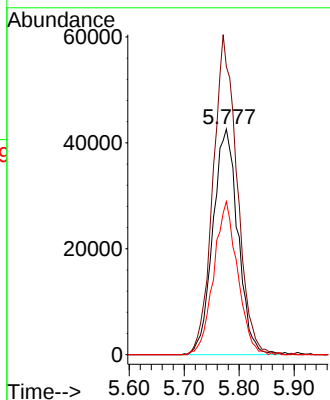
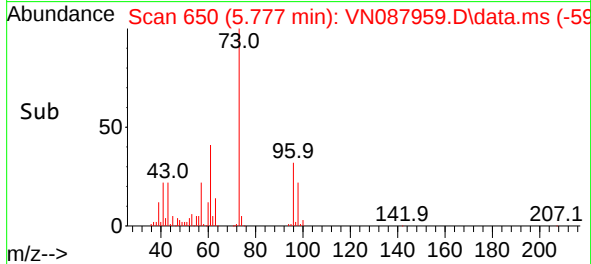
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



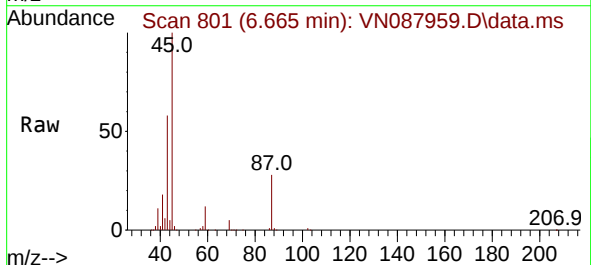
Tgt Ion: 96 Resp: 134628
Ion Ratio Lower Upper
96 100
61 127.7 114.4 171.6
98 67.9 53.6 80.4

Manual Integrations
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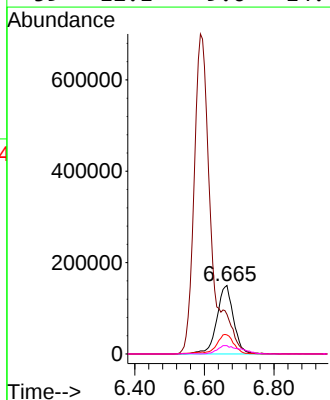
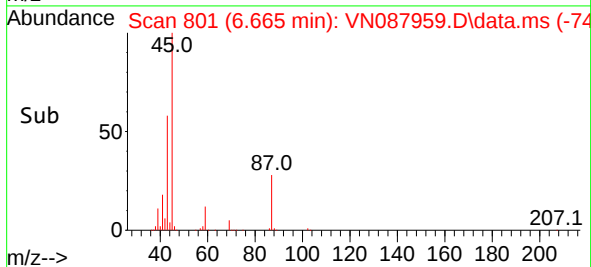
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

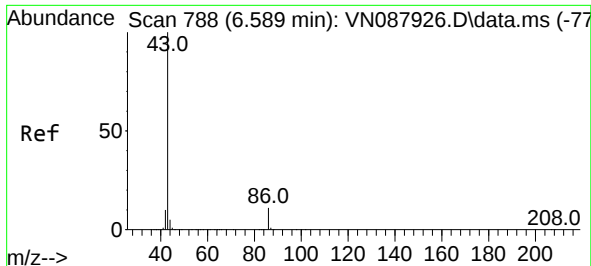


#22
Diisopropyl ether
Concen: 58.532 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



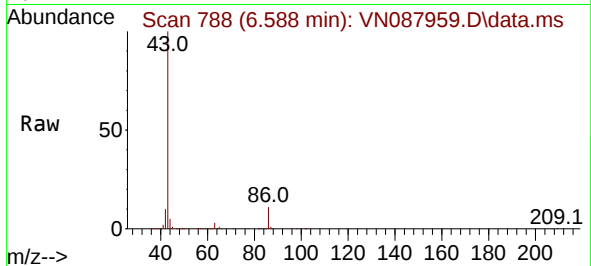
Tgt Ion: 45 Resp: 495645
Ion Ratio Lower Upper
45 100
43 57.4 49.9 74.9
87 27.8 25.2 37.8
59 12.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 325.972 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087959.D
 Acq: 25 Sep 2025 16:50

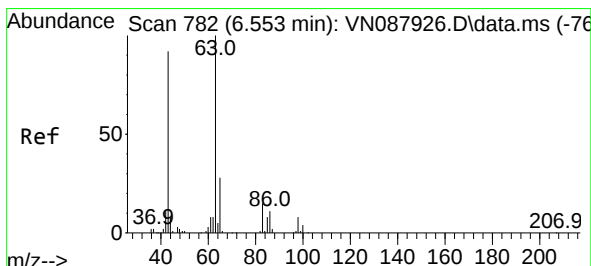
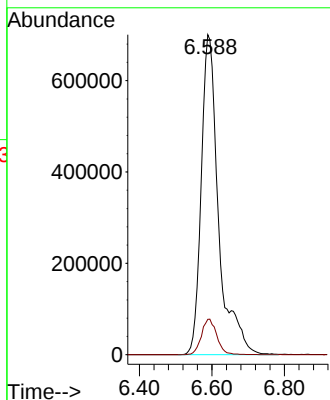
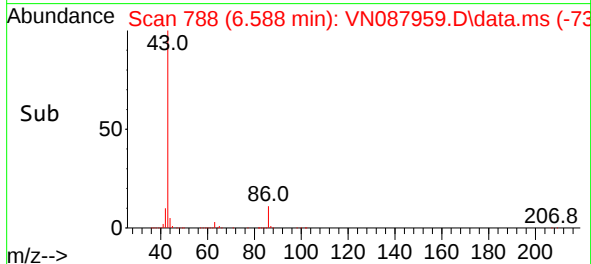
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



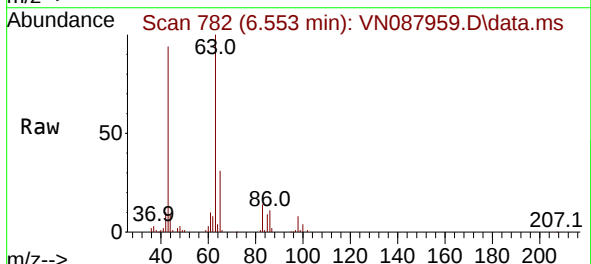
Tgt Ion: 43 Resp: 232417
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8

Manual Integrations
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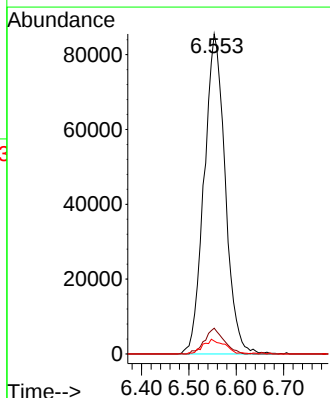
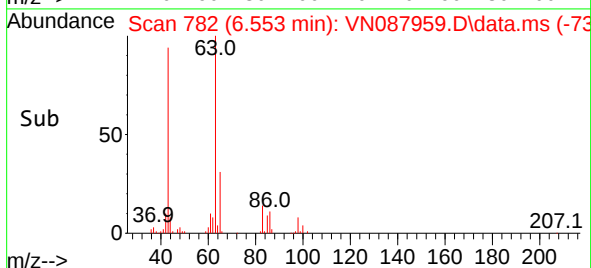
Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025



#24
 1,1-Dichloroethane
 Concen: 53.521 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: VN087959.D
 Acq: 25 Sep 2025 16:50



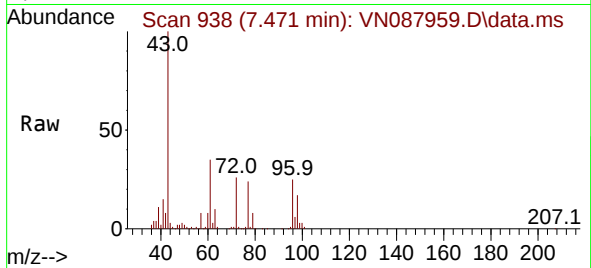
Tgt Ion: 63 Resp: 264785
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.5
 100 4.0 2.1 6.5





#25
2-Butanone
Concen: 300.182 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

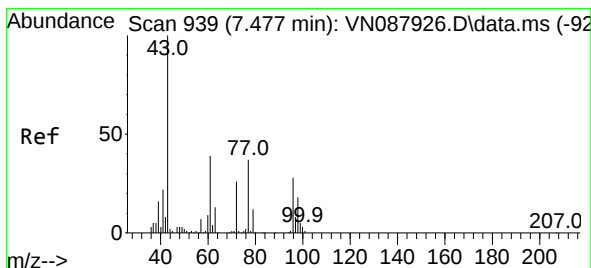
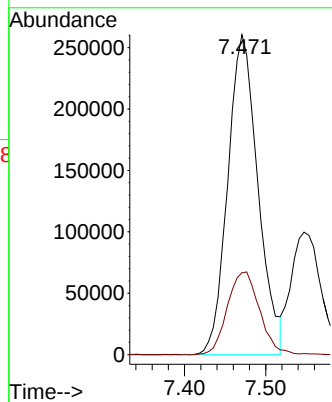
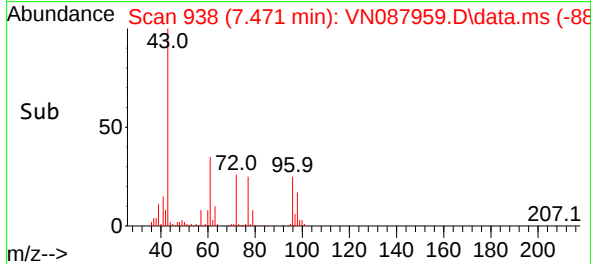
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



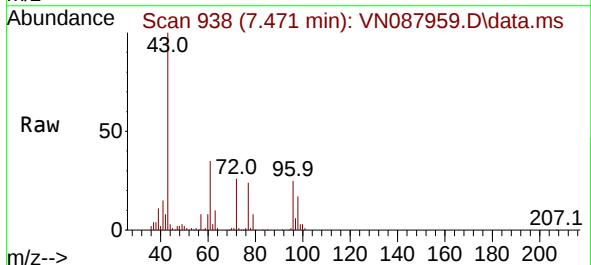
Tgt Ion: 43 Resp: 67389
Ion Ratio Lower Upper
43 100
72 25.6 21.5 32.3

Manual Integrations
APPROVED

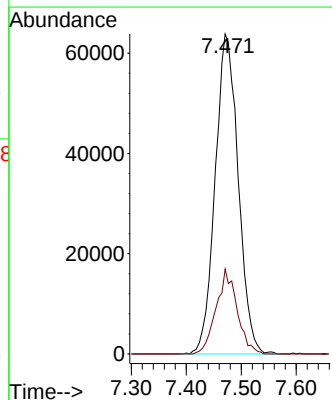
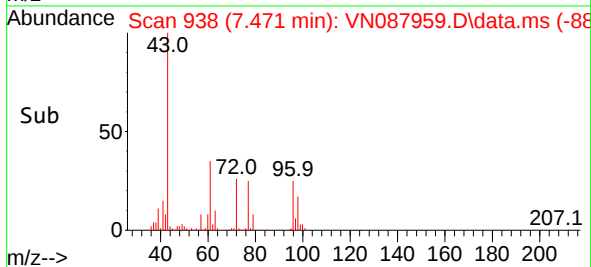
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#26
2,2-Dichloropropane
Concen: 42.310 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



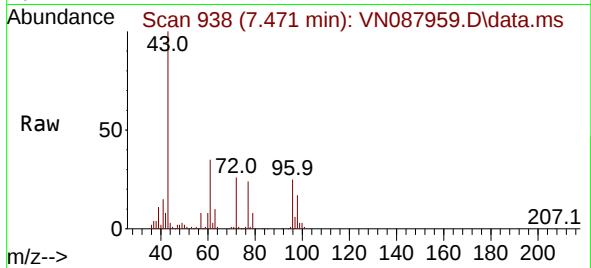
Tgt Ion: 77 Resp: 185973
Ion Ratio Lower Upper
77 100
97 24.0 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 54.281 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN087959.D
 Acq: 25 Sep 2025 16:50

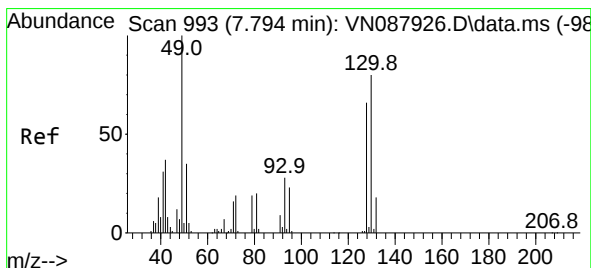
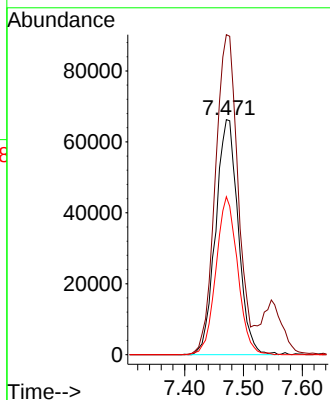
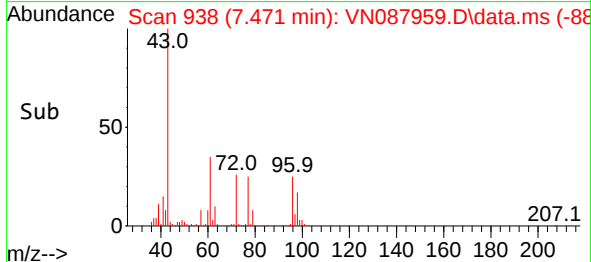
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 17641
 Ion Ratio Lower Upper
 96 100
 61 138.8 0.0 283.0
 98 64.8 0.0 127.6

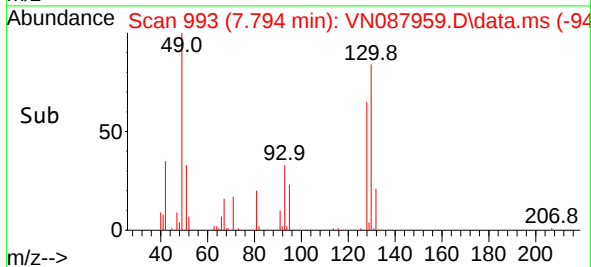
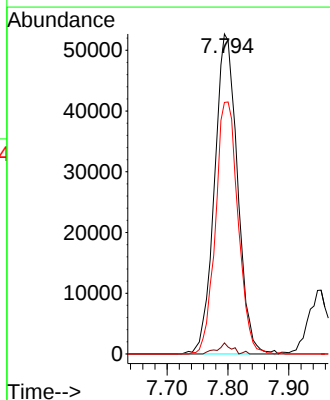
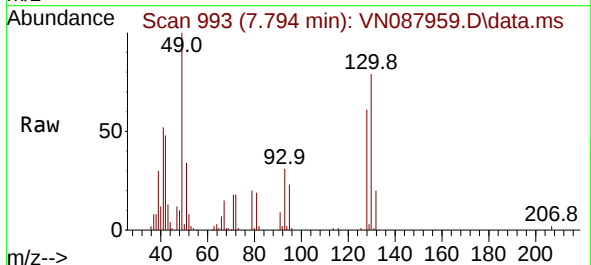
Manual Integrations
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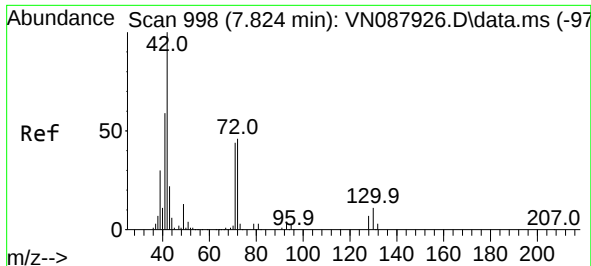
Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025



#28
 Bromochloromethane
 Concen: 51.326 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VN087959.D
 Acq: 25 Sep 2025 16:50

Tgt Ion: 49 Resp: 137962
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.4
 130 77.3 62.6 94.0





#29

Tetrahydrofuran

Concen: 299.887 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087959.D

Acq: 25 Sep 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 431080

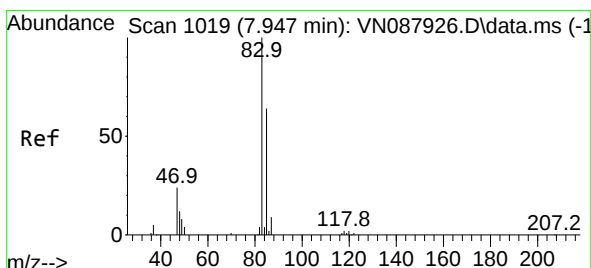
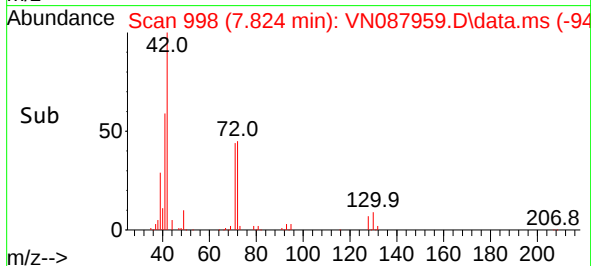
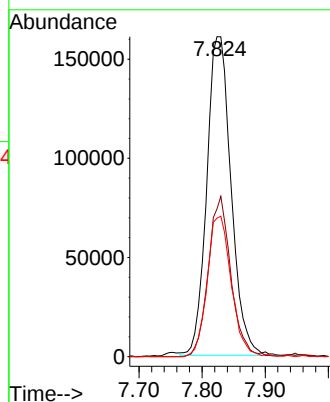
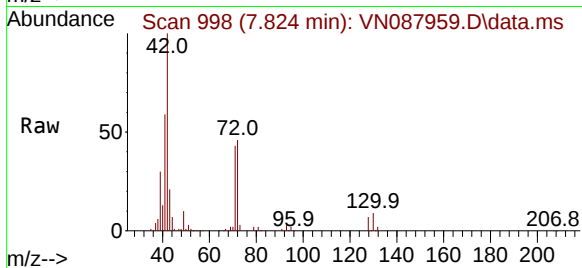
Ion	Ratio	Lower	Upper
42	100		
72	46.6	36.5	54.7
71	43.5	33.8	50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#30

Chloroform

Concen: 54.031 ug/l

RT: 7.947 min Scan# 1019

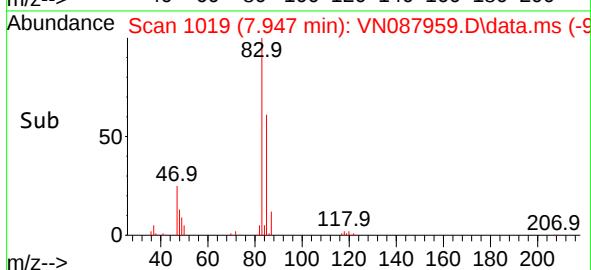
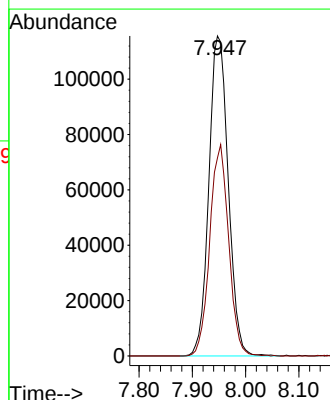
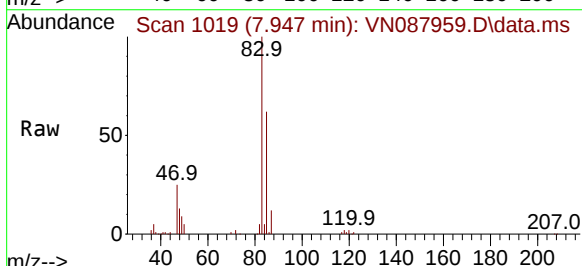
Delta R.T. -0.000 min

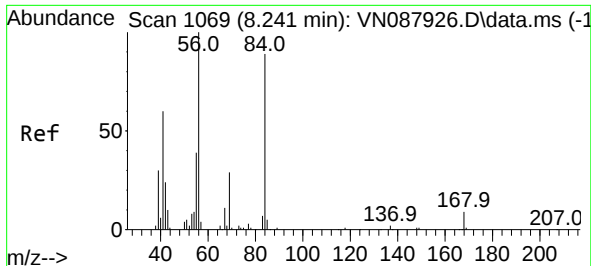
Lab File: VN087959.D

Acq: 25 Sep 2025 16:50

Tgt Ion: 83 Resp: 292276

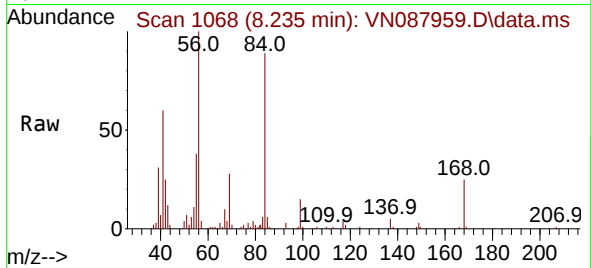
Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.9	76.3





#31
Cyclohexane
Concen: 42.490 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

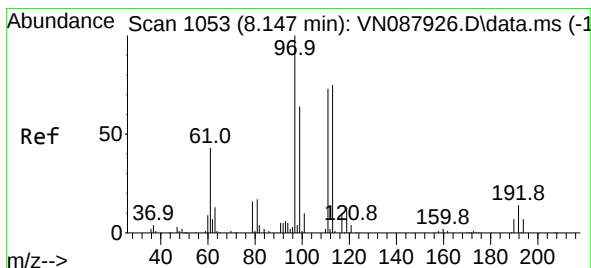
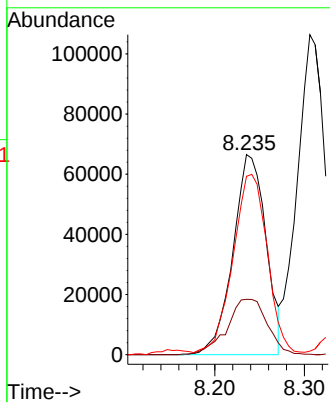
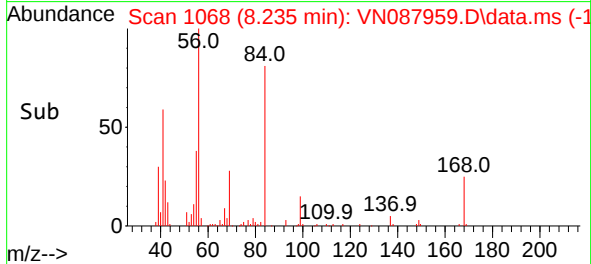
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 170089
Ion Ratio Lower Upper
56 100
69 27.6 23.4 35.0
84 86.8 70.8 106.2

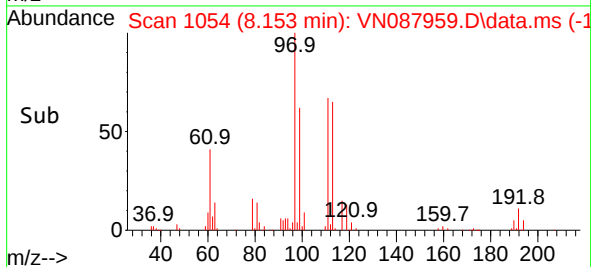
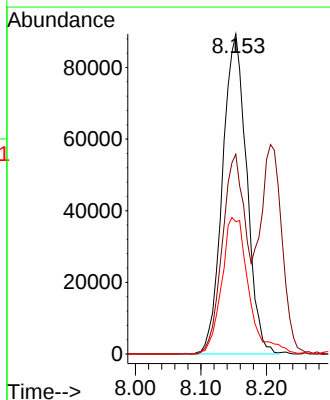
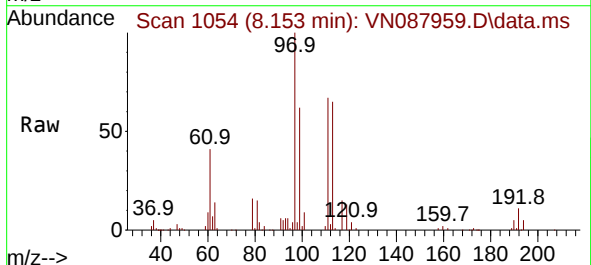
Manual Integrations
APPROVED

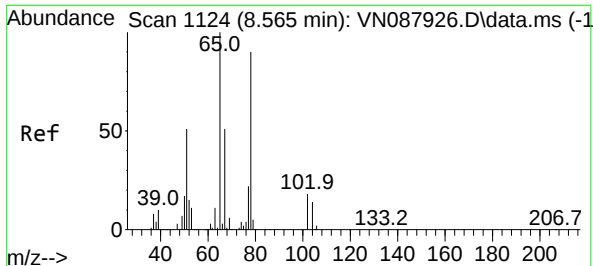
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#32
1,1,1-Trichloroethane
Concen: 49.930 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

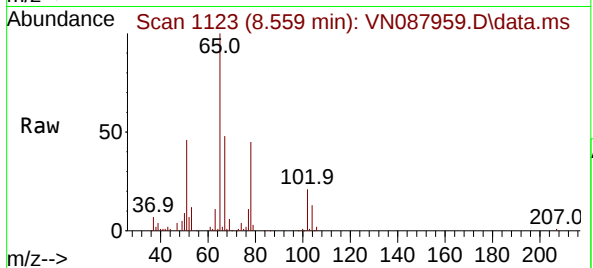
Tgt Ion: 97 Resp: 228218
Ion Ratio Lower Upper
97 100
99 60.8 51.1 76.7
61 47.7 38.6 58.0





#33
1,2-Dichloroethane-d4
Concen: 52.448 ug/l
RT: 8.559 min Scan# 1124
Delta R.T. -0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

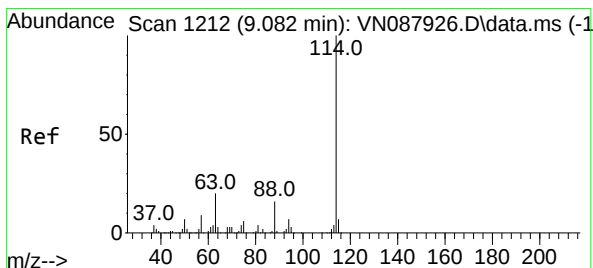
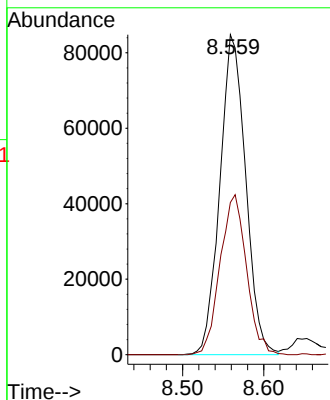
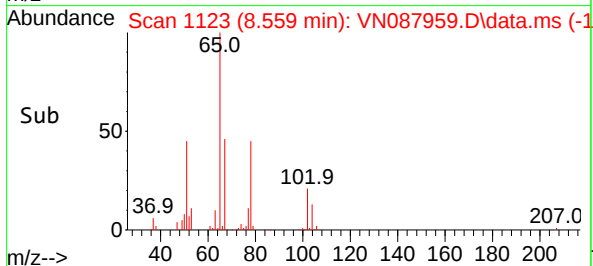
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



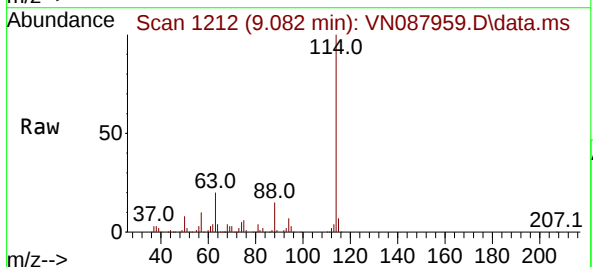
Tgt Ion: 65 Resp: 187229
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4

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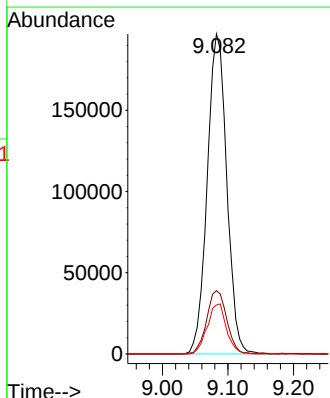
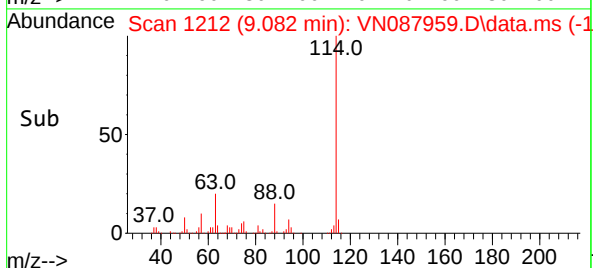
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

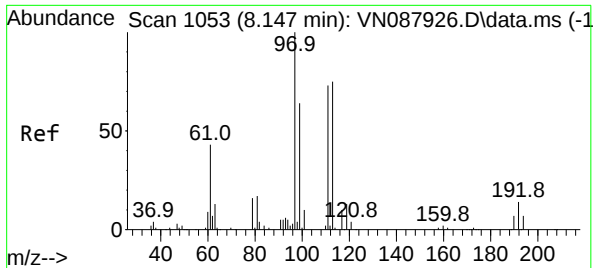


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



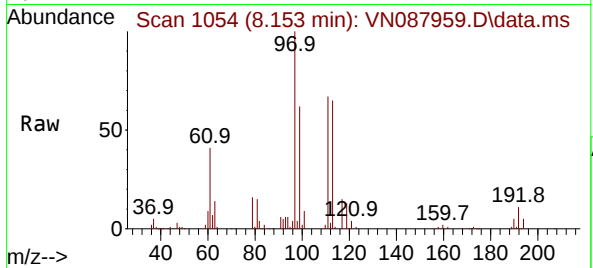
Tgt Ion:114 Resp: 408072
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.0
88 15.3 0.0 31.8





#35
Dibromofluoromethane
Concen: 47.733 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

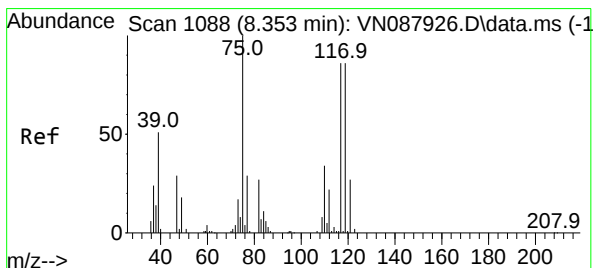
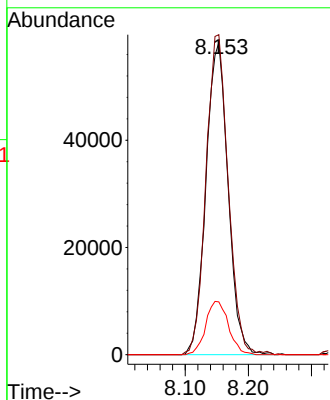
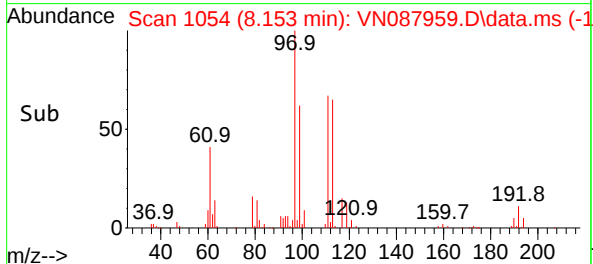
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 141420
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 17.6 14.2 21.2

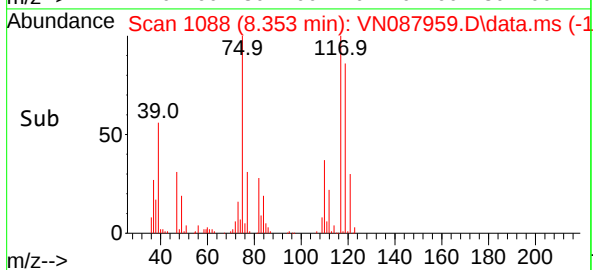
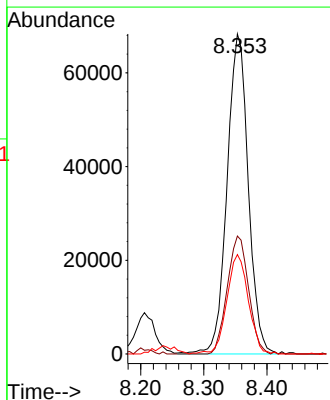
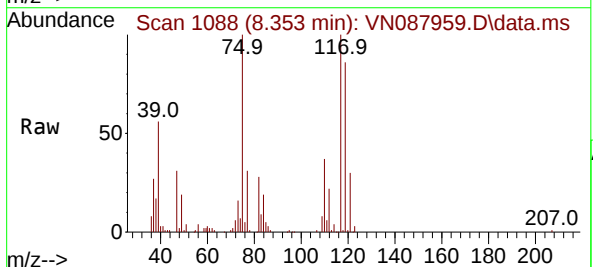
Manual Integrations
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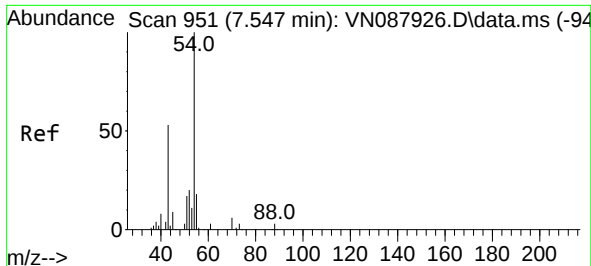
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#36
1,1-Dichloropropene
Concen: 44.698 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

Tgt Ion: 75 Resp: 159244
Ion Ratio Lower Upper
75 100
110 37.0 17.1 51.3
77 31.7 24.8 37.2





#37

Ethyl Acetate

Concen: 56.329 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN087959.D

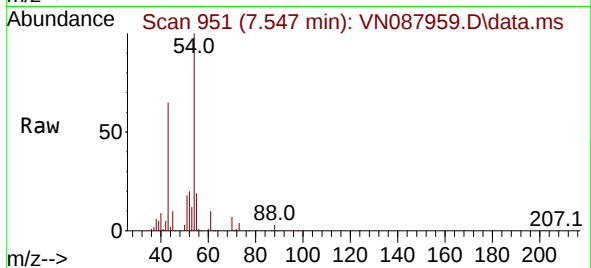
Acq: 25 Sep 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



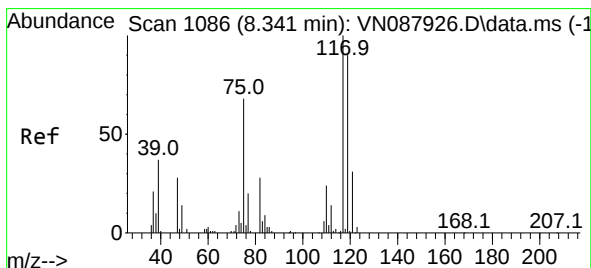
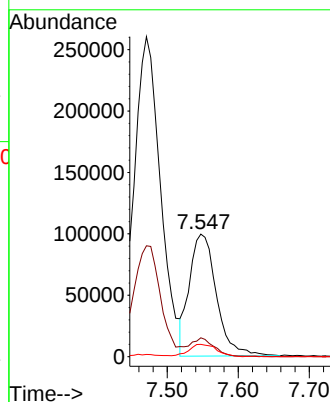
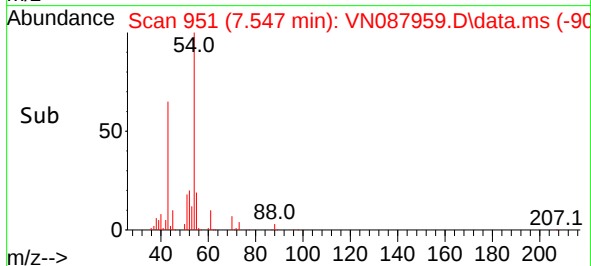
Tgt Ion:	43	Resp:	263520
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	10.4	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#38

Carbon Tetrachloride

Concen: 45.424 ug/l

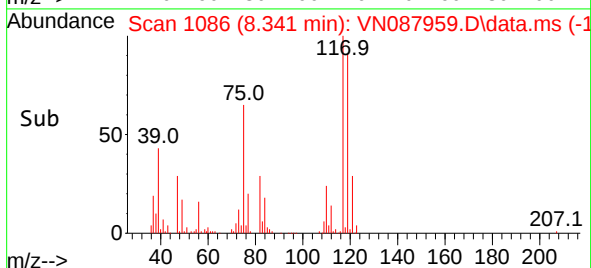
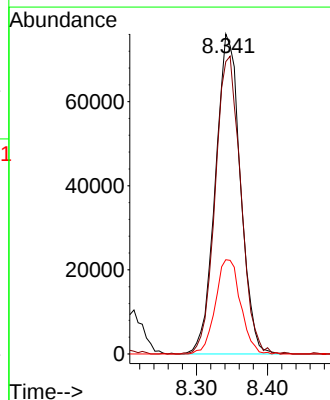
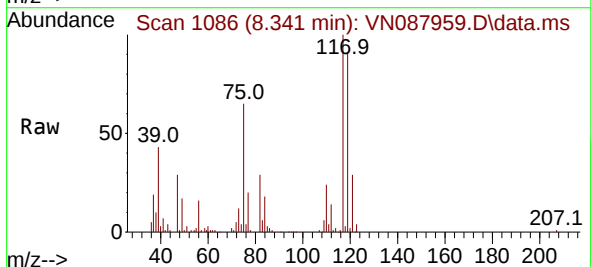
RT: 8.341 min Scan# 1086

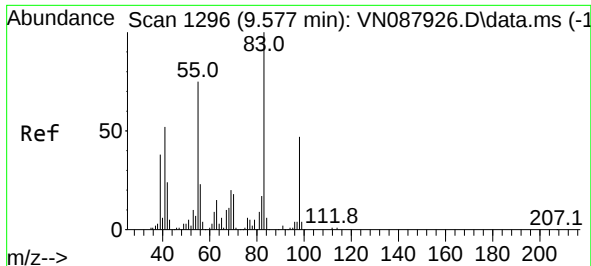
Delta R.T. -0.000 min

Lab File: VN087959.D

Acq: 25 Sep 2025 16:50

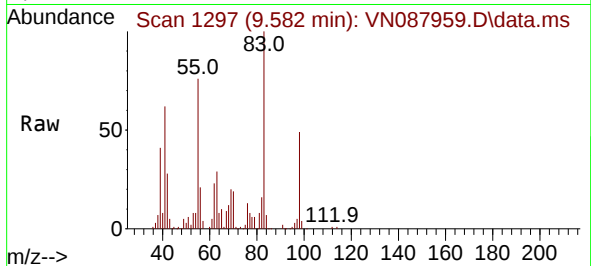
Tgt Ion:	117	Resp:	185698
Ion	Ratio	Lower	Upper
117	100		
119	91.3	72.1	108.1
121	29.5	24.6	36.8





#39
Methylcyclohexane
Concen: 44.963 ug/l
RT: 9.582 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

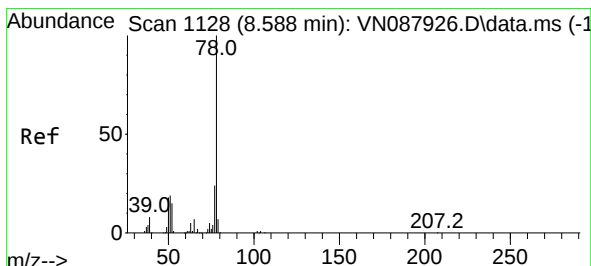
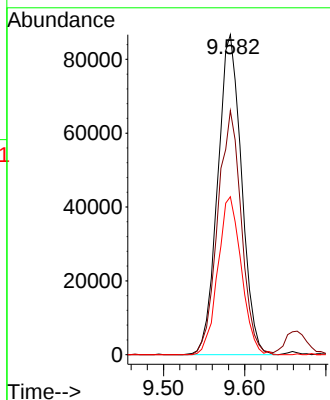
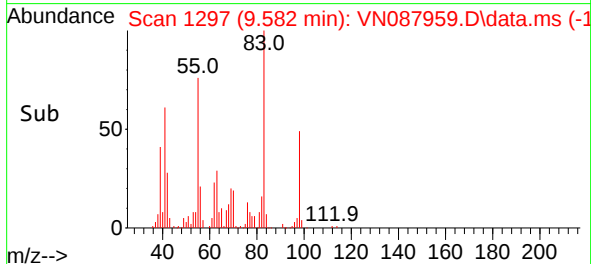
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 176709
Ion Ratio Lower Upper
83 100
55 76.3 59.9 89.9
98 49.4 37.4 56.2

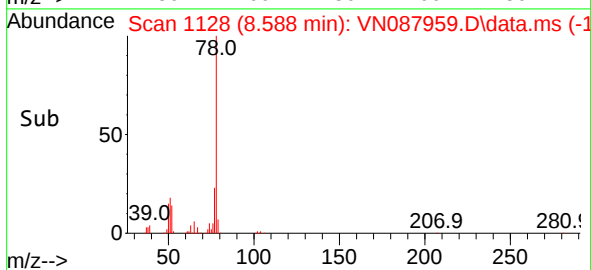
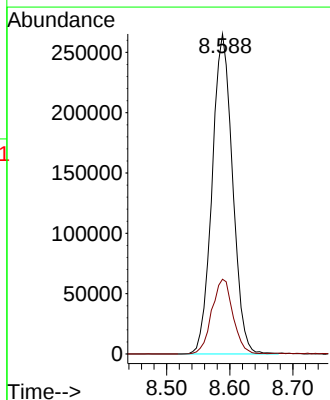
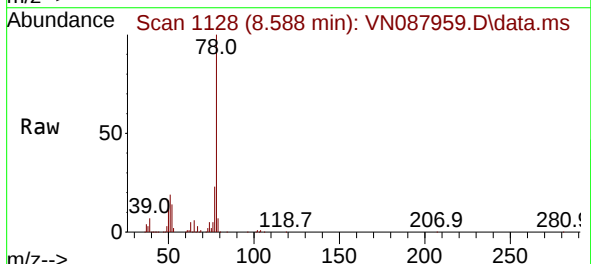
Manual Integrations
APPROVED

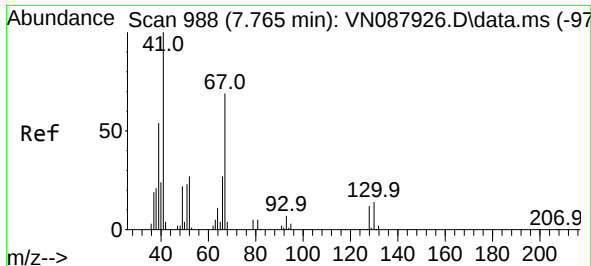
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#40
Benzene
Concen: 50.504 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

Tgt Ion: 78 Resp: 595744
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6





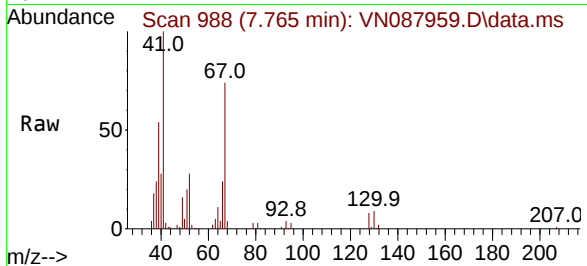
#41
Methacrylonitrile
Concen: 56.985 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



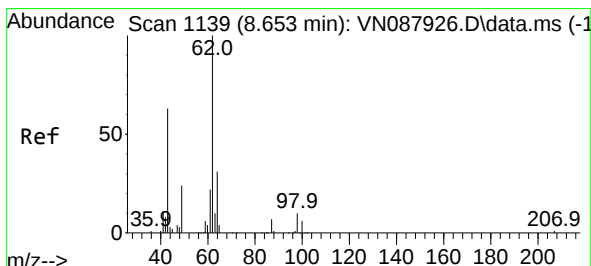
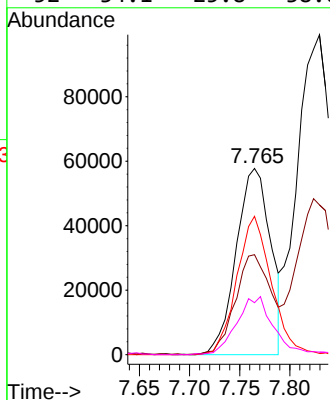
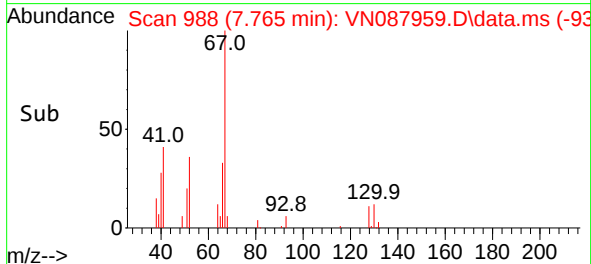
Tgt Ion: 41 Resp: 137773
Ion Ratio Lower Upper
41 100
39 55.4 43.5 65.3
67 74.7 57.6 86.4
52 34.1 25.8 38.6

Manual Integrations

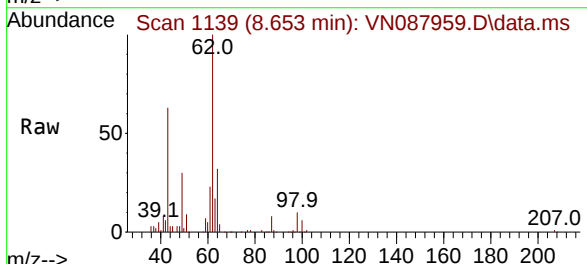
APPROVED

Reviewed By :John Carlone 09/26/2025

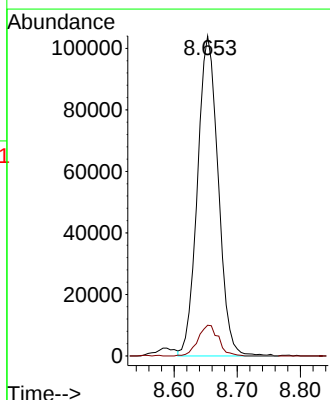
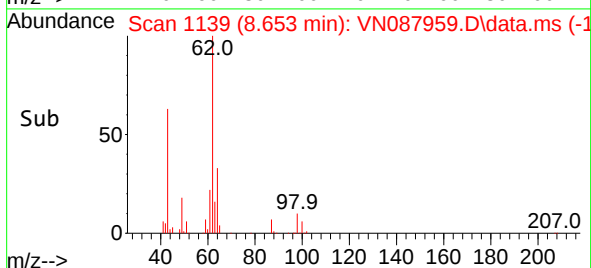
Supervised By :Mahesh Dadoda 09/29/2025

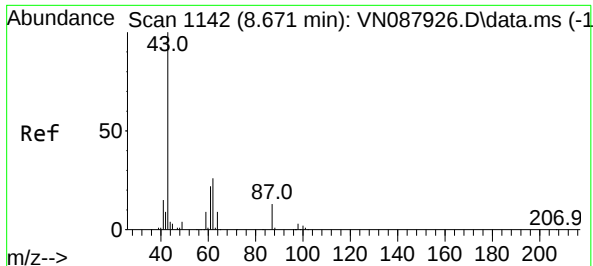


#42
1,2-Dichloroethane
Concen: 53.815 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



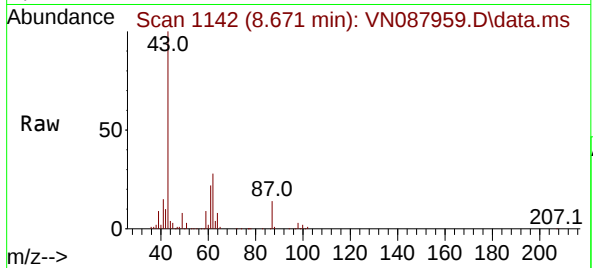
Tgt Ion: 62 Resp: 236898
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.6





#43
Isopropyl Acetate
Concen: 58.596 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

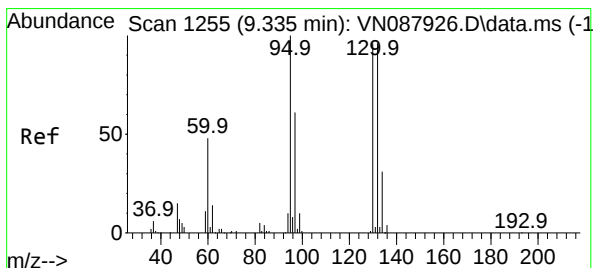
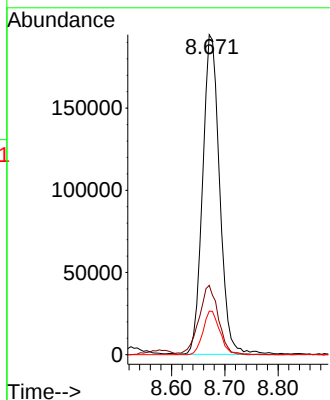
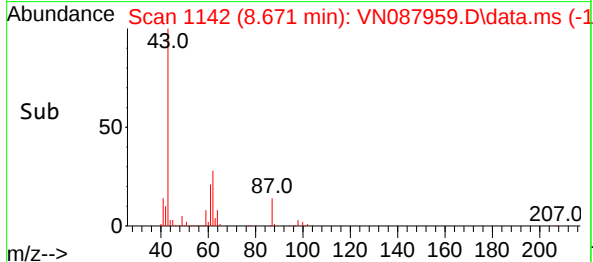
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 43149
Ion Ratio Lower Upper
43 100
61 24.8 20.2 30.2
87 13.4 10.9 16.3

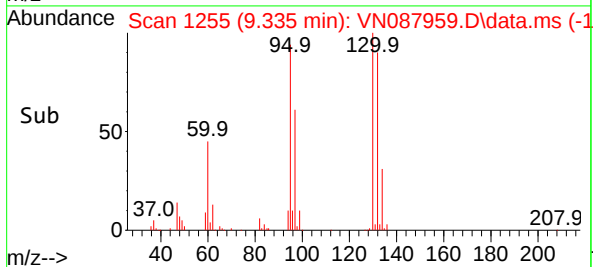
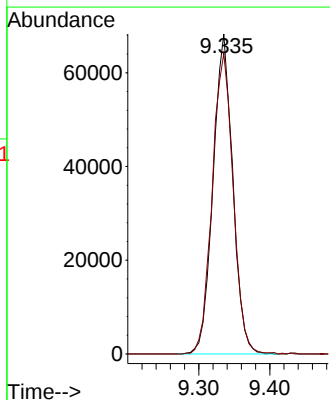
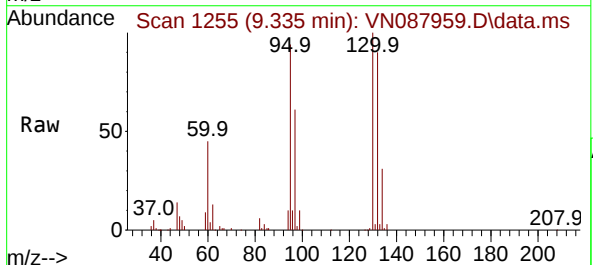
Manual Integrations
APPROVED

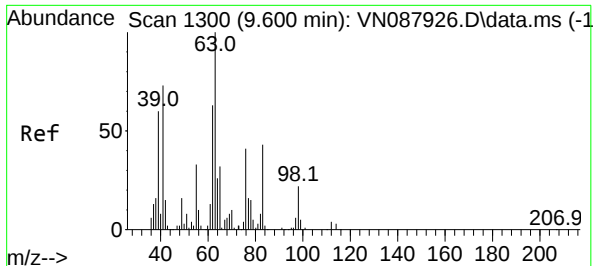
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#44
Trichloroethene
Concen: 46.559 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

Tgt Ion:130 Resp: 131189
Ion Ratio Lower Upper
130 100
95 93.9 0.0 208.0





#45

1,2-Dichloropropane

Concen: 52.678 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087959.D

Acq: 25 Sep 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 15581

Ion Ratio Lower Upper

63 100

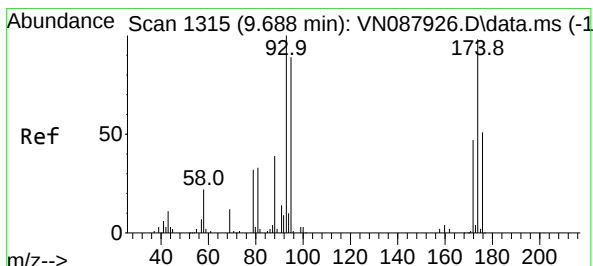
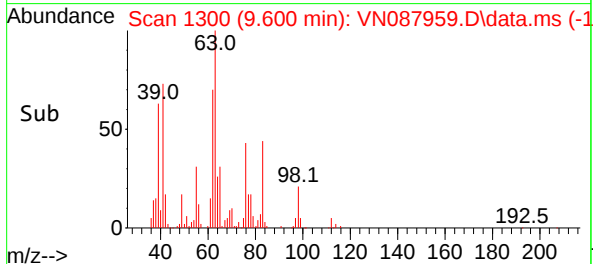
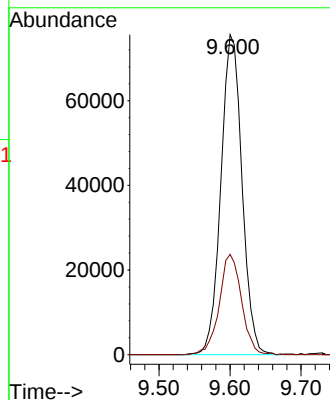
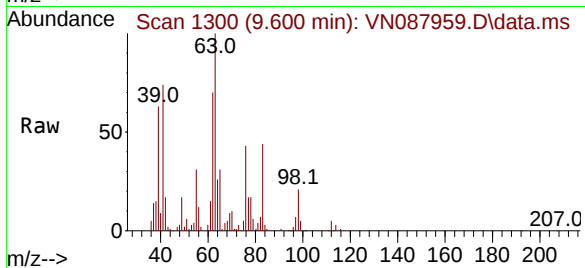
65 31.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#46

Dibromomethane

Concen: 54.779 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087959.D

Acq: 25 Sep 2025 16:50

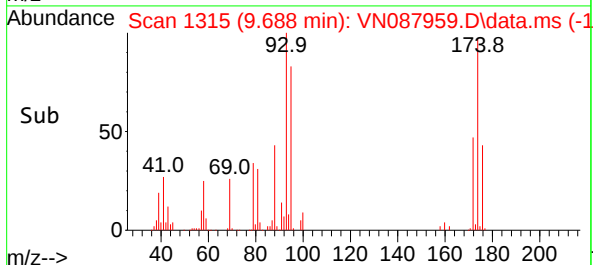
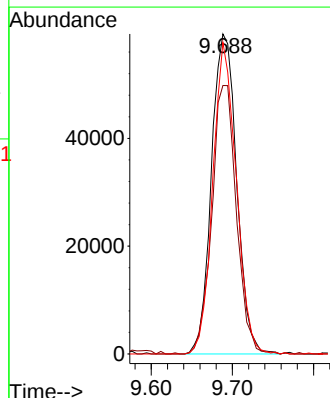
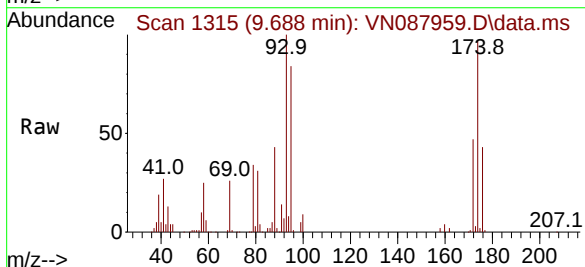
Tgt Ion: 93 Resp: 127855

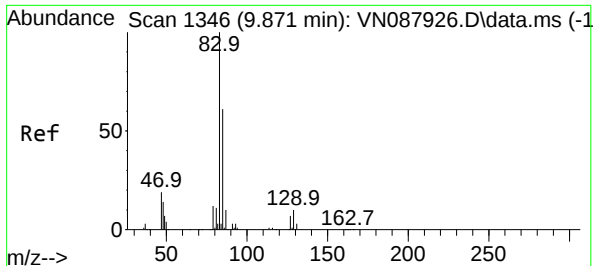
Ion Ratio Lower Upper

93 100

95 82.0 67.6 101.4

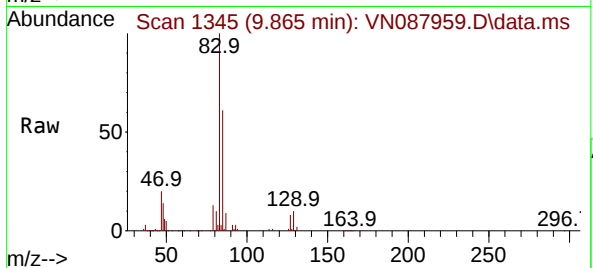
174 90.9 75.4 113.0





#47
Bromodichloromethane
Concen: 53.097 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

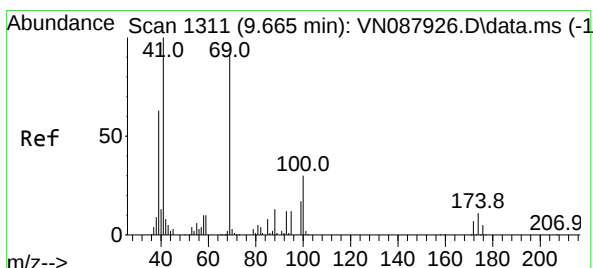
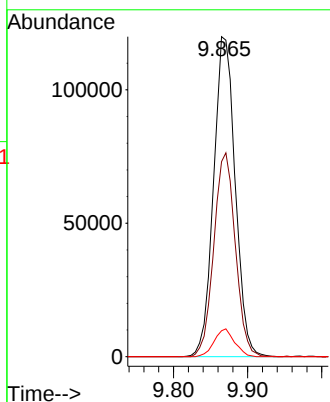
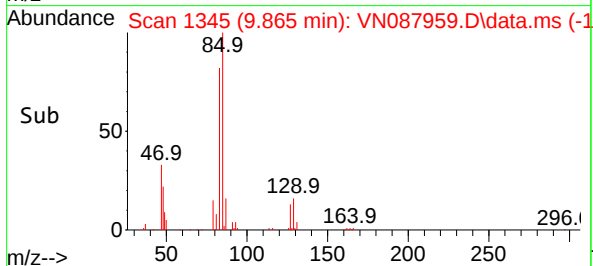
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



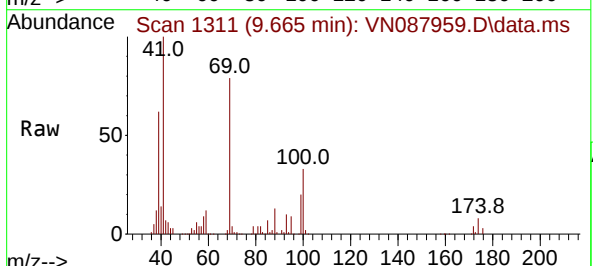
Tgt Ion: 83 Resp: 243068
Ion Ratio Lower Upper
83 100
85 61.0 49.1 73.7
127 8.1 5.9 8.9

Manual Integrations
APPROVED

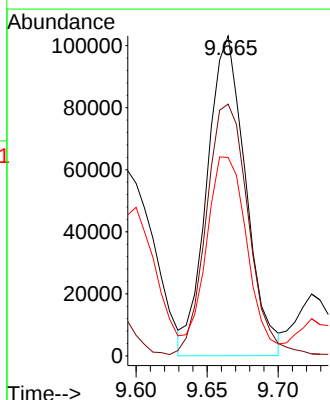
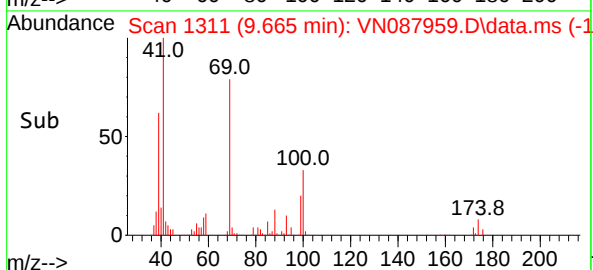
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#48
Methyl methacrylate
Concen: 57.165 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



Tgt Ion: 41 Resp: 194943
Ion Ratio Lower Upper
41 100
69 86.1 70.9 106.3
39 66.1 52.9 79.3





#49

1,4-Dioxane

Concen: 1233.486 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN087959.D

Acq: 25 Sep 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

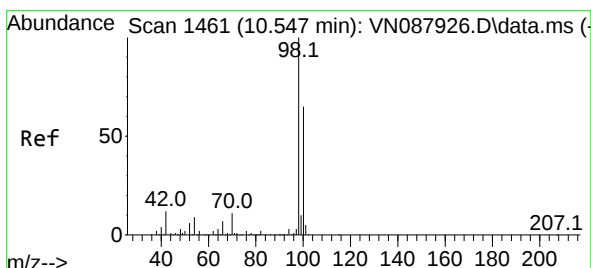
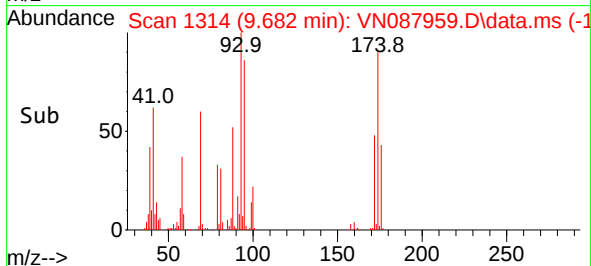
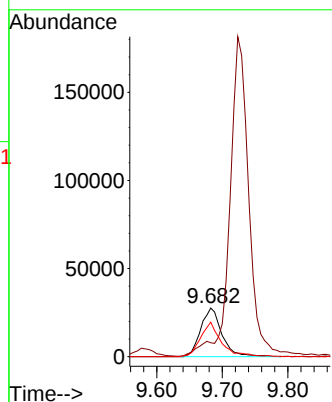
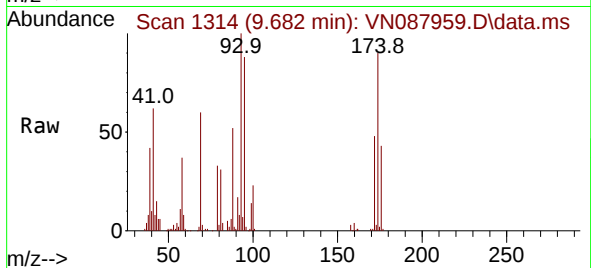
Tgt Ion:	88	Resp:	6214
Ion Ratio	Lower	Upper	
88	100		
43	0.0	22.6	33.8
58	70.3	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#50

Toluene-d8

Concen: 44.001 ug/l

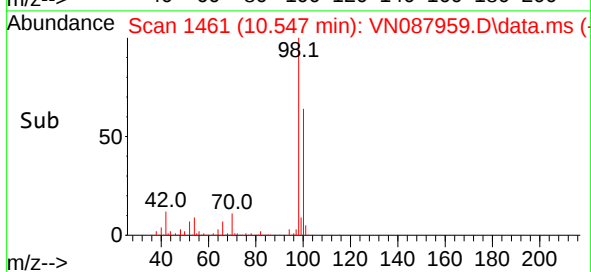
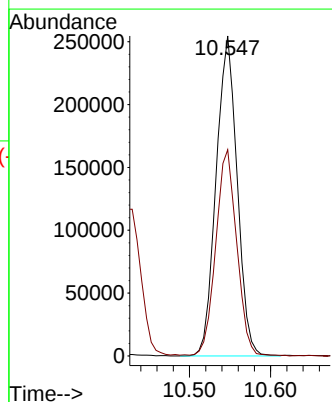
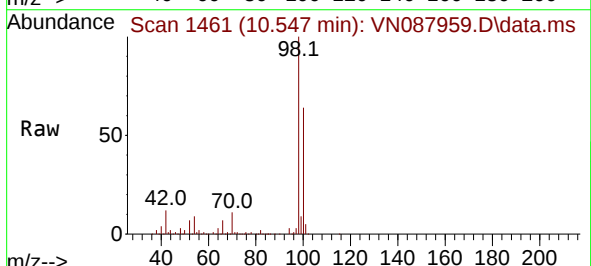
RT: 10.547 min Scan# 1461

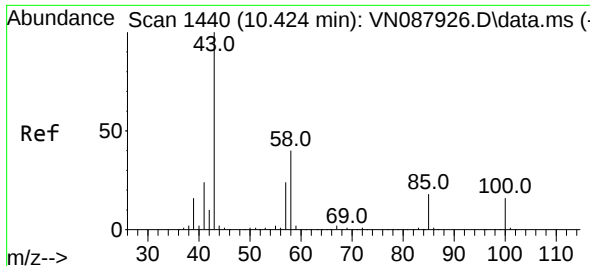
Delta R.T. -0.000 min

Lab File: VN087959.D

Acq: 25 Sep 2025 16:50

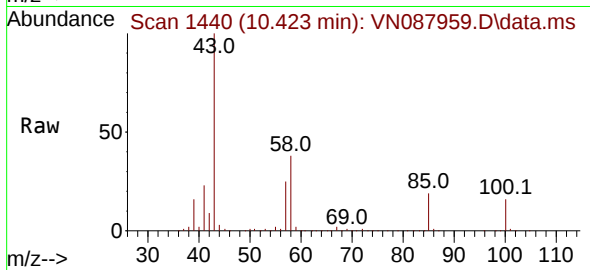
Tgt Ion:	98	Resp:	458446
Ion Ratio	Lower	Upper	
98	100		
100	64.3	51.7	77.5





#51
4-Methyl-2-Pentanone
Concen: 296.901 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

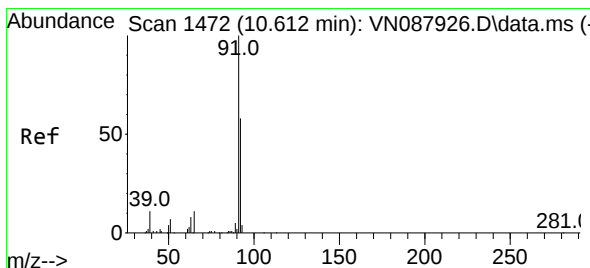
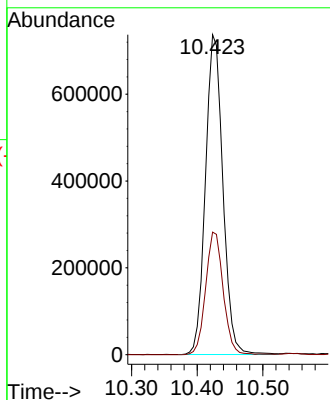
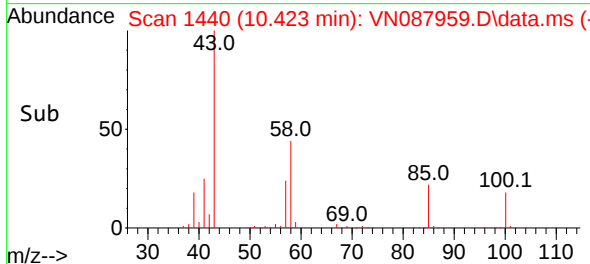
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1364289
Ion Ratio Lower Upper
43 100
58 38.6 31.0 46.6

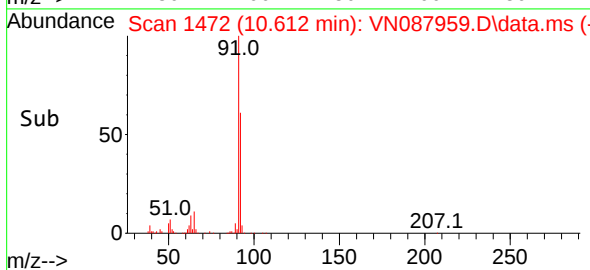
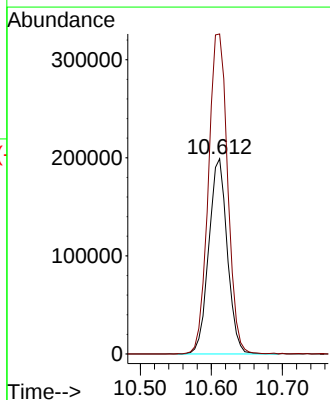
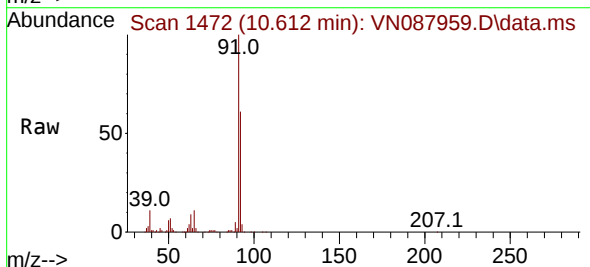
Manual Integrations
APPROVED

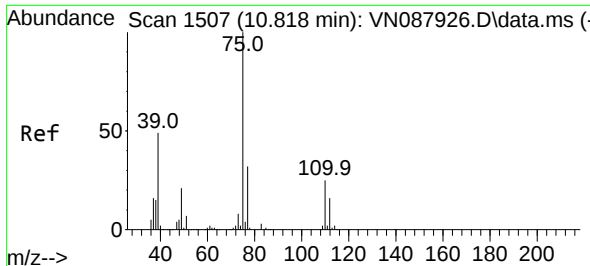
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#52
Toluene
Concen: 48.634 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

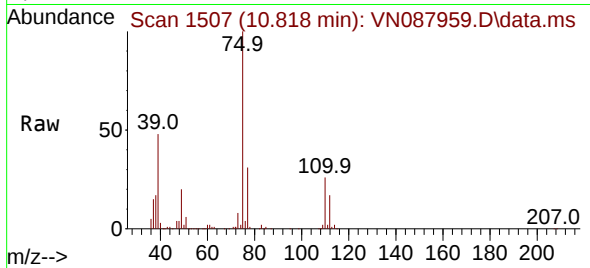
Tgt Ion: 92 Resp: 360004
Ion Ratio Lower Upper
92 100
91 170.8 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 52.883 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

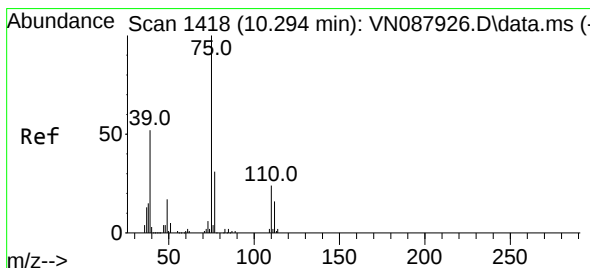
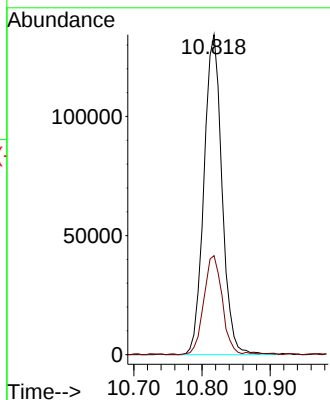
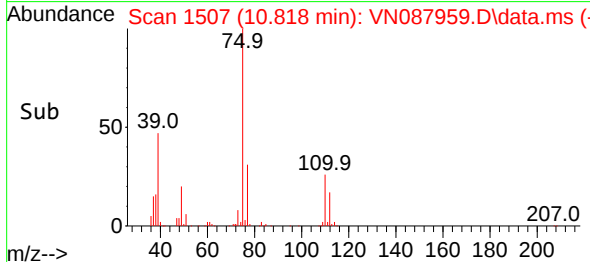
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



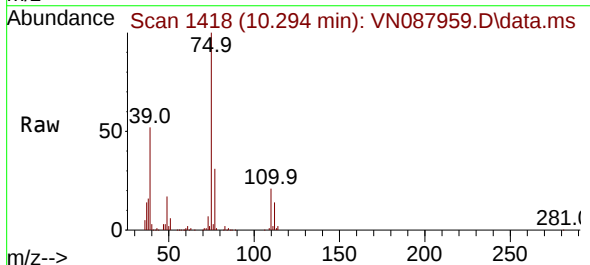
Tgt Ion: 75 Resp: 247769
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9

Manual Integrations
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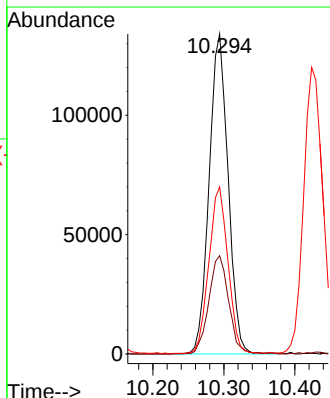
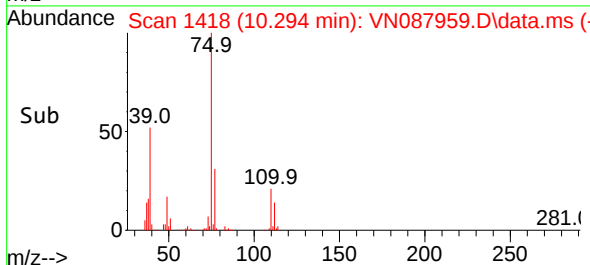
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

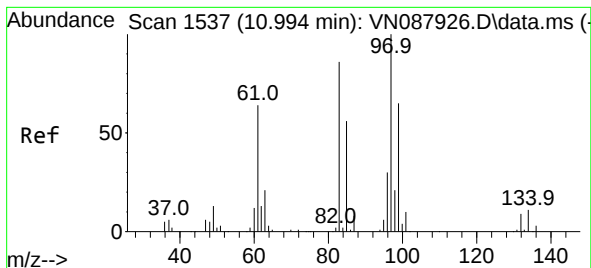


#54
cis-1,3-Dichloropropene
Concen: 51.087 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



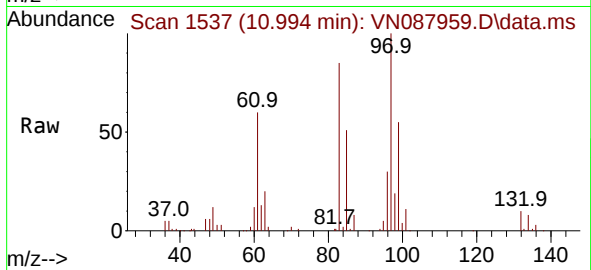
Tgt Ion: 75 Resp: 248595
Ion Ratio Lower Upper
75 100
77 30.7 24.7 37.1
39 52.0 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 54.820 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

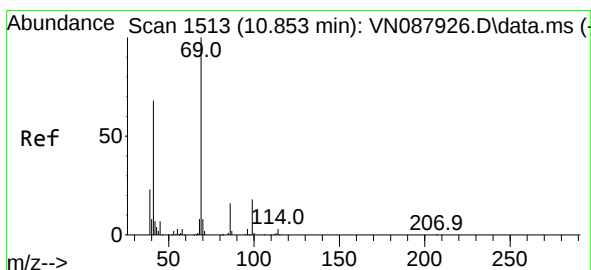
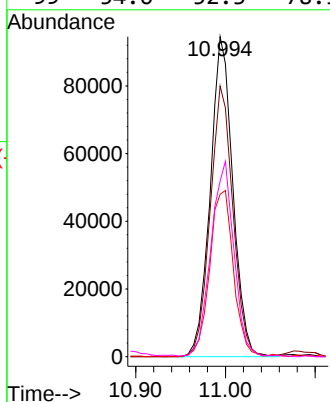
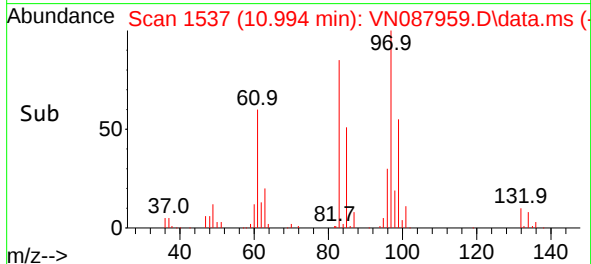
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



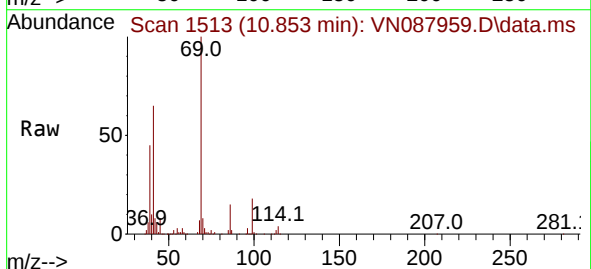
Tgt Ion: 97 Resp: 164997
Ion Ratio Lower Upper
97 100
83 84.6 69.0 103.4
85 50.7 44.4 66.6
99 54.6 52.3 78.5

Manual Integrations
APPROVED

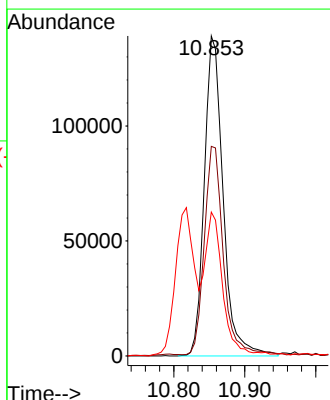
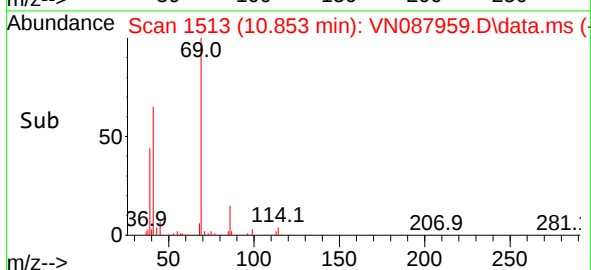
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

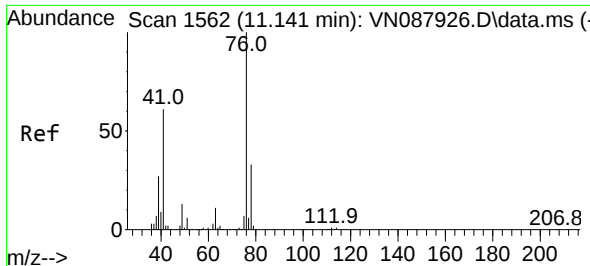


#56
Ethyl methacrylate
Concen: 59.000 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



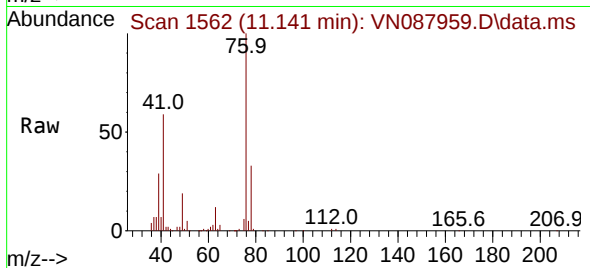
Tgt Ion: 69 Resp: 256594
Ion Ratio Lower Upper
69 100
41 65.8 53.8 80.6
39 41.9 34.7 52.1





#57
1,3-Dichloropropane
Concen: 54.687 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

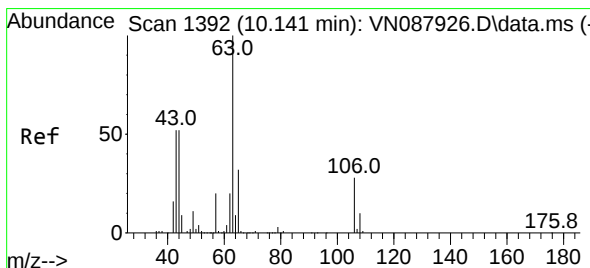
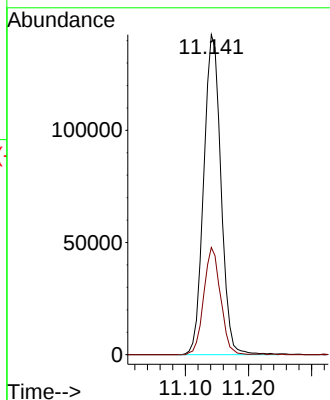
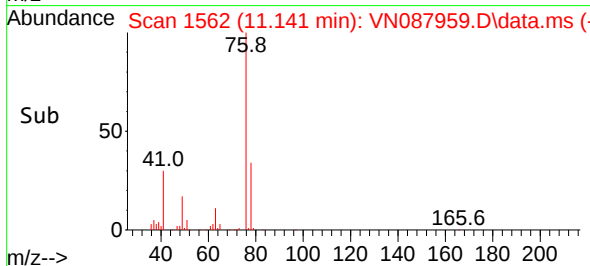
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 270720
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

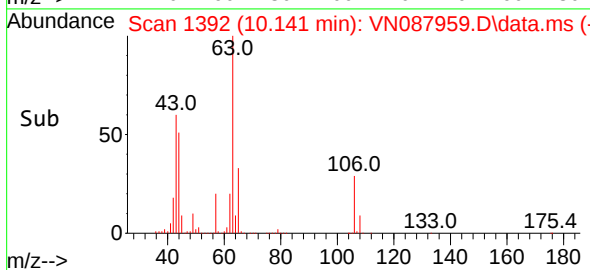
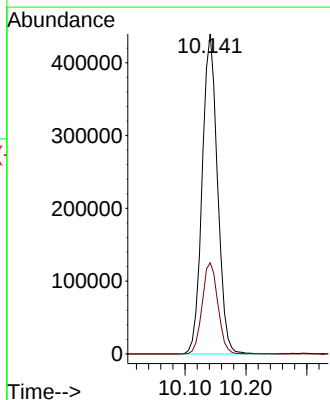
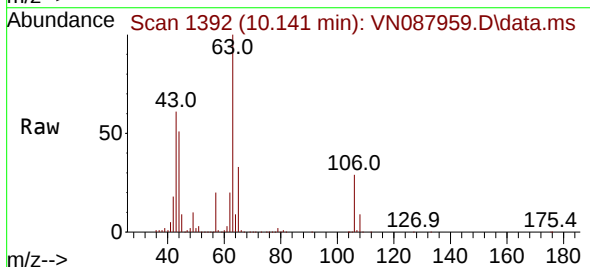
Manual Integrations
APPROVED

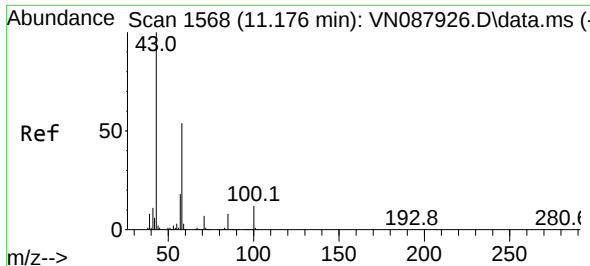
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 376.332 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

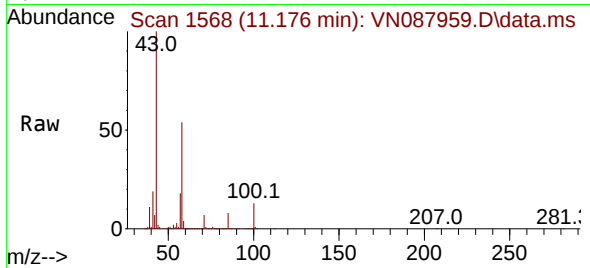
Tgt Ion: 63 Resp: 769535
Ion Ratio Lower Upper
63 100
106 29.1 22.6 33.8





#59
2-Hexanone
Concen: 304.863 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

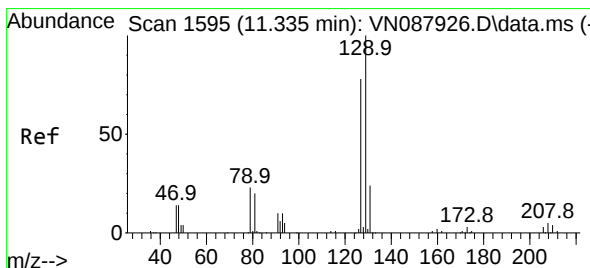
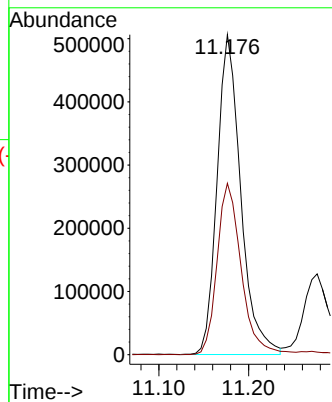
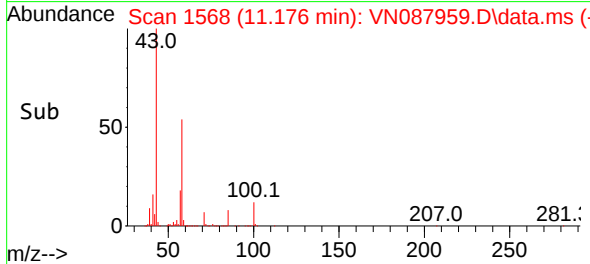
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 926289
Ion Ratio Lower Upper
43 100
58 54.8 26.4 79.2

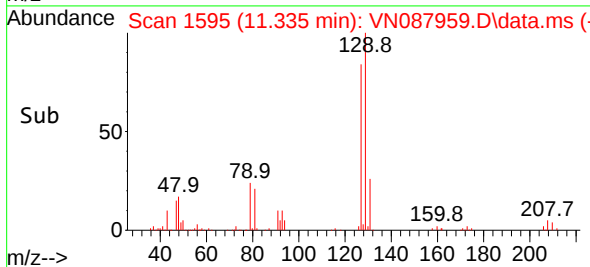
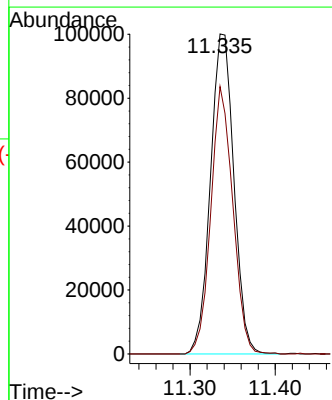
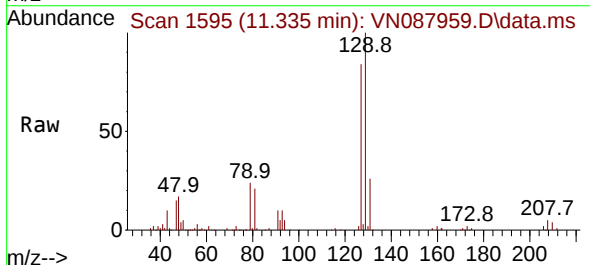
Manual Integrations
APPROVED

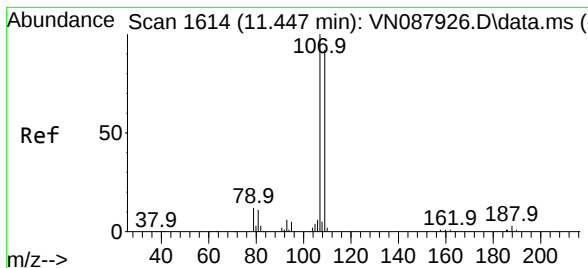
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#60
Dibromochloromethane
Concen: 54.074 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

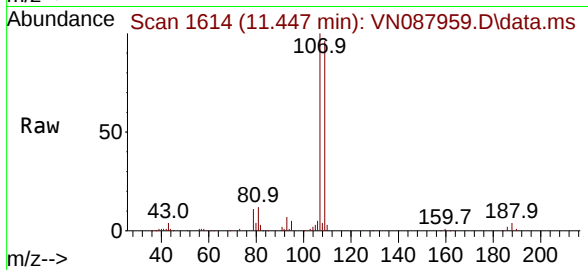
Tgt Ion:129 Resp: 191357
Ion Ratio Lower Upper
129 100
127 78.4 39.3 117.9





#61
1,2-Dibromoethane
Concen: 53.969 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

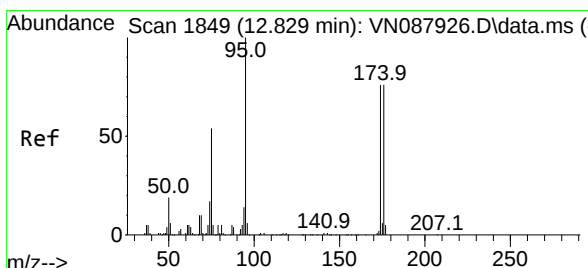
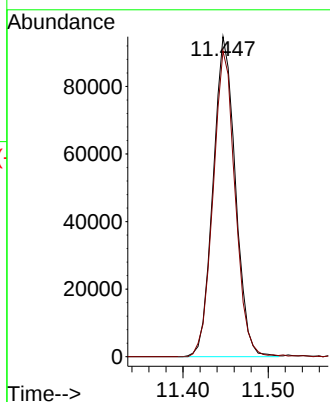
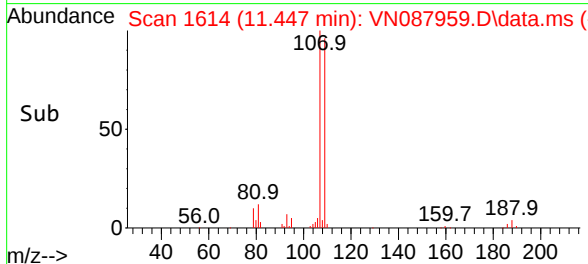
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



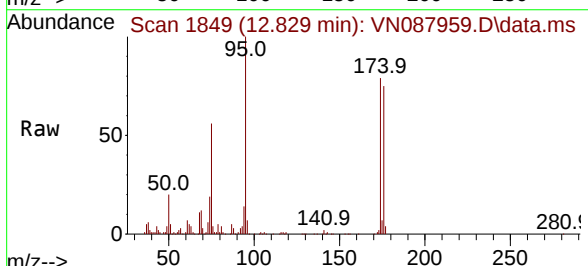
Tgt Ion:107 Resp: 17196
Ion Ratio Lower Upper
107 100
109 94.6 75.3 112.9

Manual Integrations
APPROVED

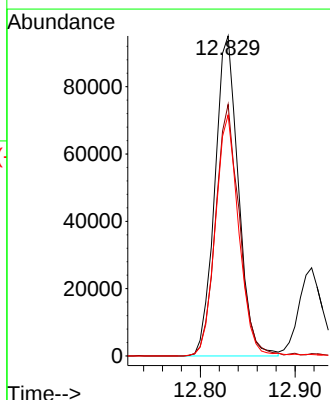
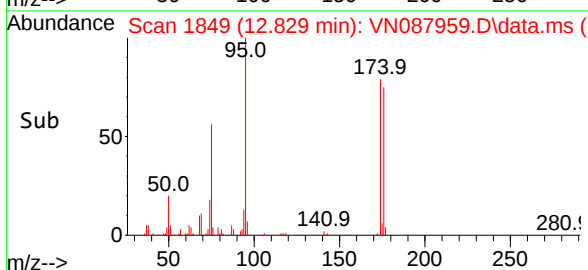
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

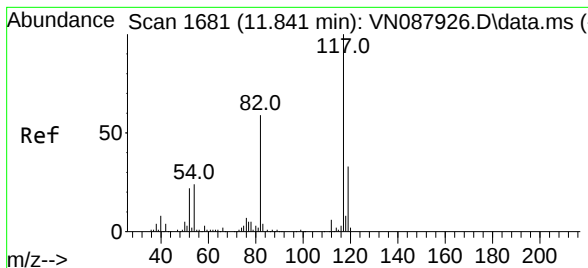


#62
4-Bromofluorobenzene
Concen: 44.118 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



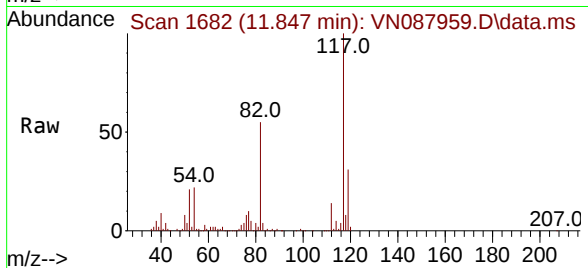
Tgt Ion: 95 Resp: 164306
Ion Ratio Lower Upper
95 100
174 78.8 0.0 159.2
176 74.9 0.0 152.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

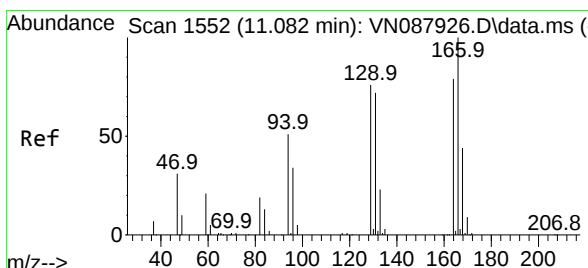
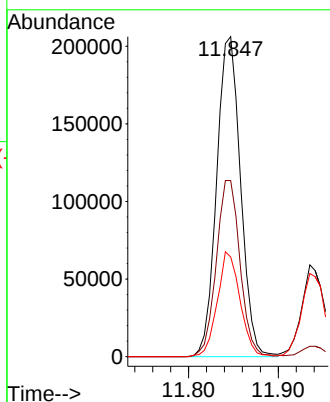
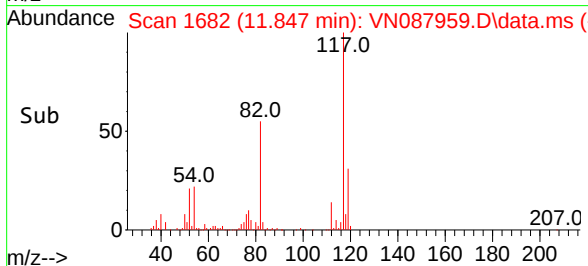
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 38182
Ion Ratio Lower Upper
117 100
82 55.0 47.0 70.4
119 31.2 26.1 39.1

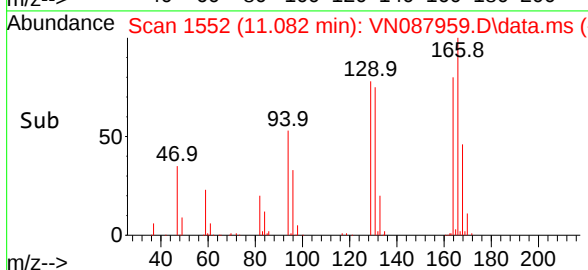
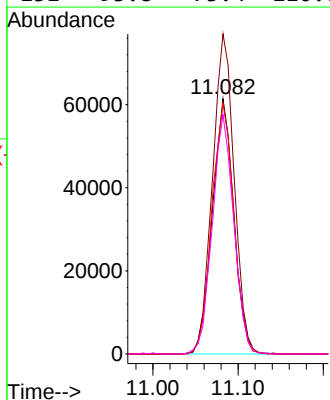
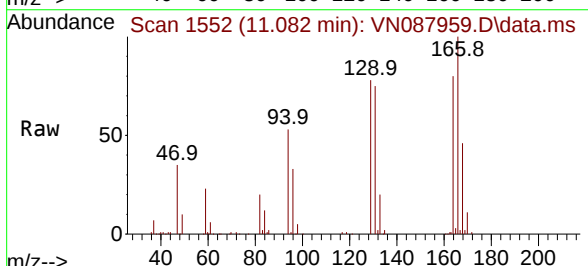
Manual Integrations
APPROVED

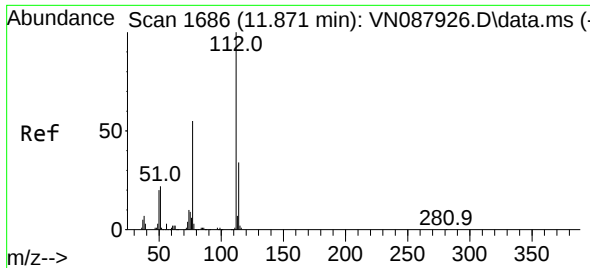
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#64
Tetrachloroethene
Concen: 46.338 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

Tgt Ion:164 Resp: 107777
Ion Ratio Lower Upper
164 100
166 125.4 101.6 152.4
129 98.2 77.5 116.3
131 93.8 73.4 110.0





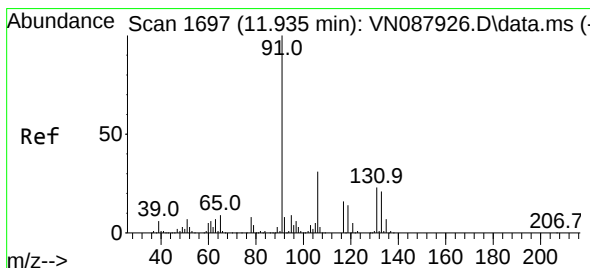
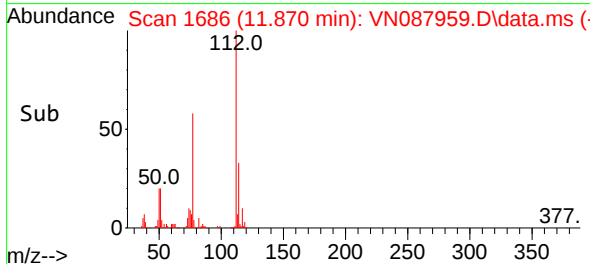
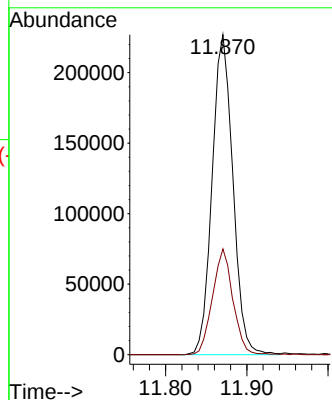
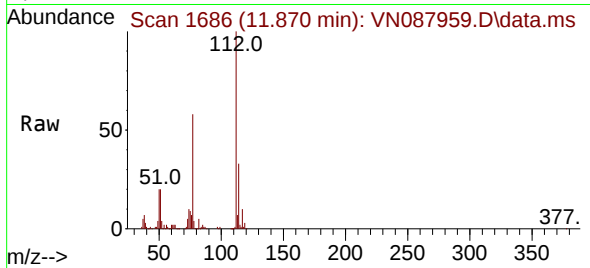
#65
Chlorobenzene
Concen: 49.621 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 403200
Ion Ratio Lower Upper
112 100
114 33.0 27.2 40.8

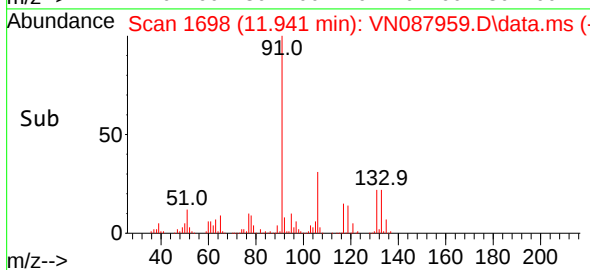
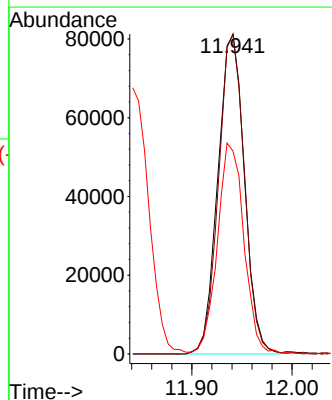
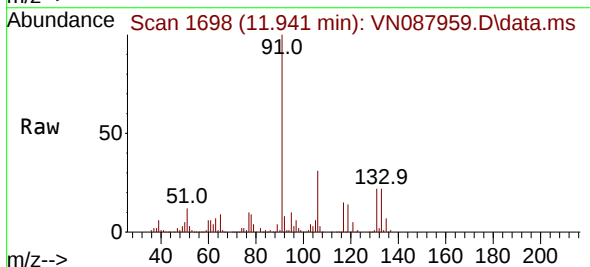
Manual Integrations
APPROVED

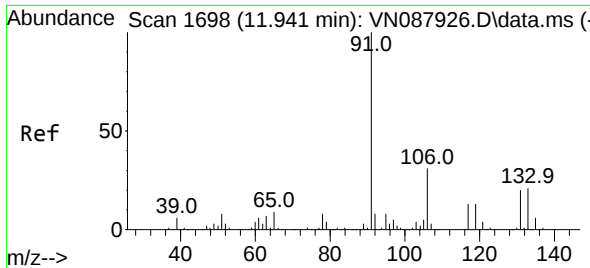
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.845 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

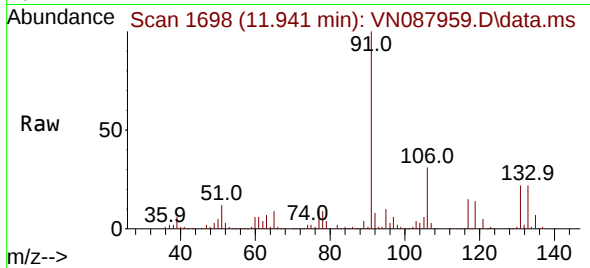
Tgt Ion:131 Resp: 148987
Ion Ratio Lower Upper
131 100
133 97.8 48.4 145.0
119 66.3 31.9 95.5





#67
Ethyl Benzene
Concen: 47.077 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

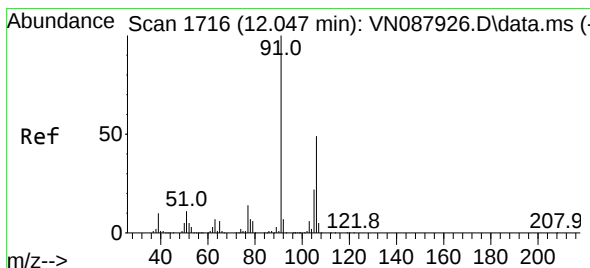
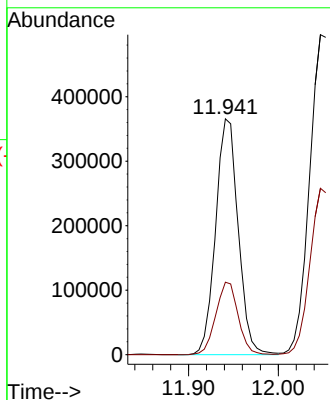
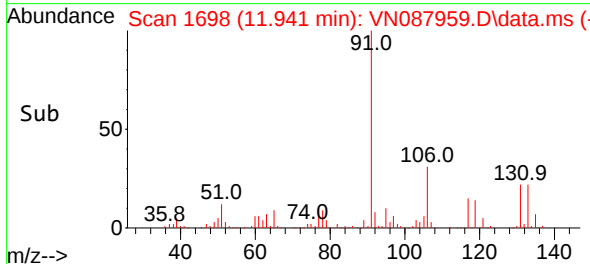
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



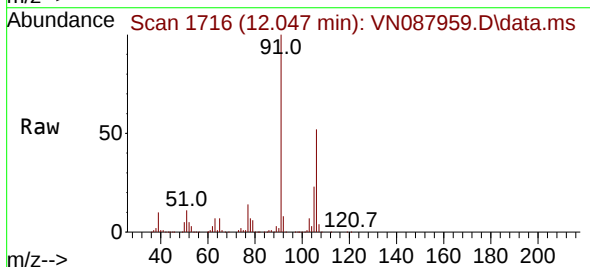
Tgt Ion: 91 Resp: 638294
Ion Ratio Lower Upper
91 100
106 30.7 25.2 37.8

Manual Integrations
APPROVED

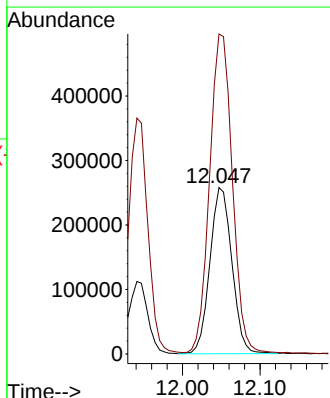
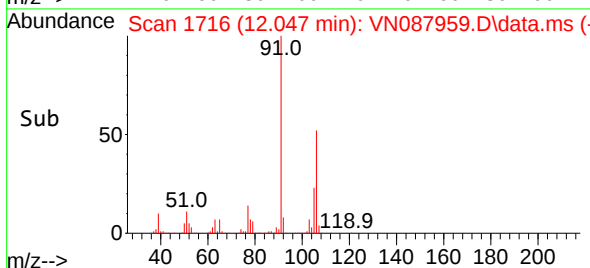
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

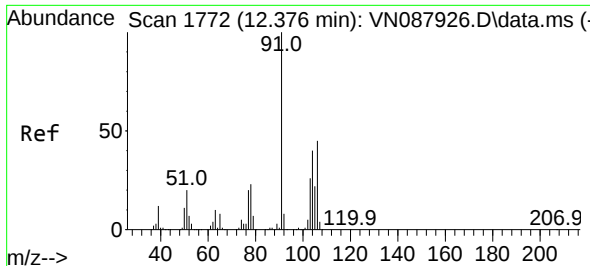


#68
m/p-Xylenes
Concen: 98.084 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



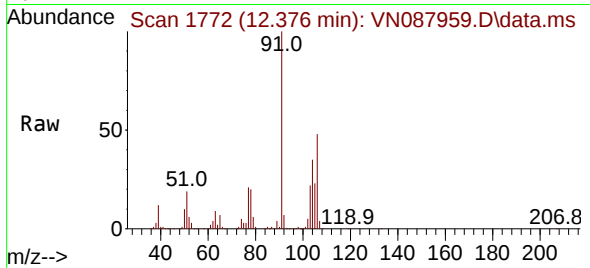
Tgt Ion:106 Resp: 508612
Ion Ratio Lower Upper
106 100
91 199.0 162.9 244.3





#69
o-Xylene
Concen: 49.325 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

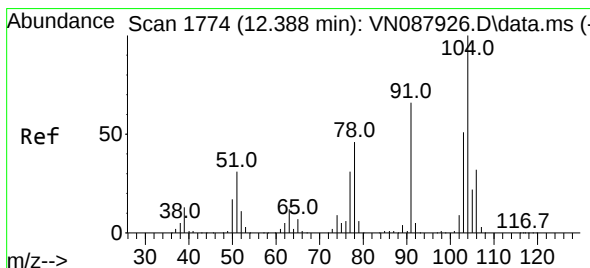
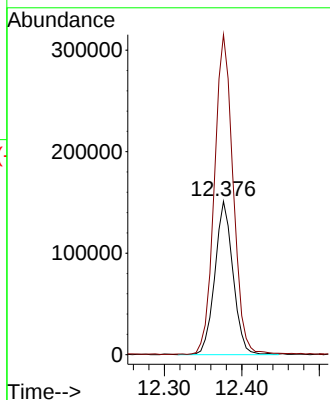
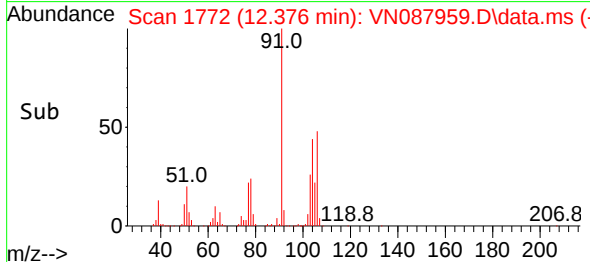
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



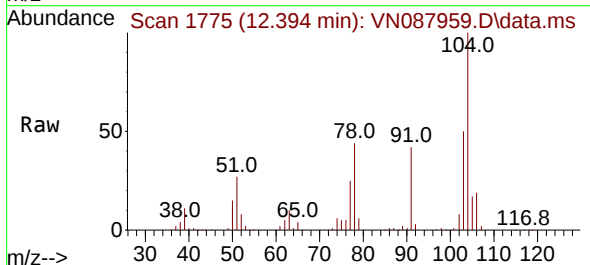
Tgt Ion:106 Resp: 245733
Ion Ratio Lower Upper
106 100
91 215.7 108.2 324.6

Manual Integrations
APPROVED

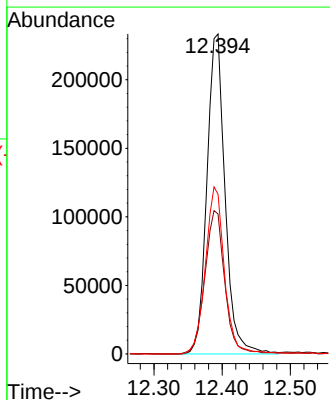
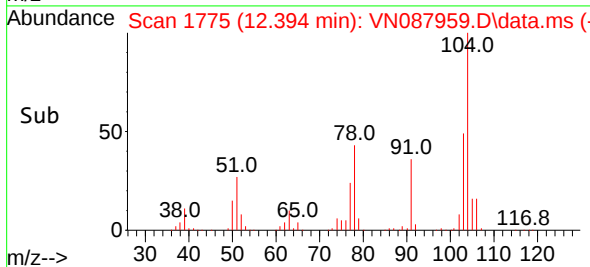
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

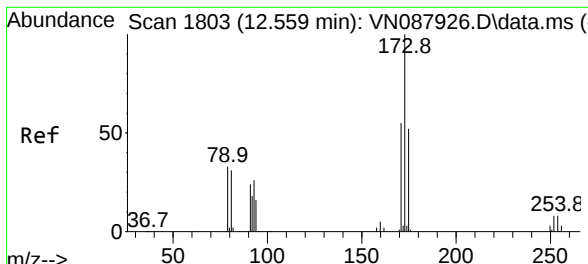


#70
Styrene
Concen: 50.625 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



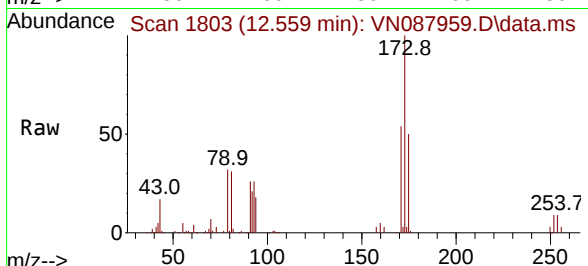
Tgt Ion:104 Resp: 433160
Ion Ratio Lower Upper
104 100
78 49.3 39.7 59.5
103 54.7 44.6 67.0





#71
Bromoform
Concen: 55.943 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

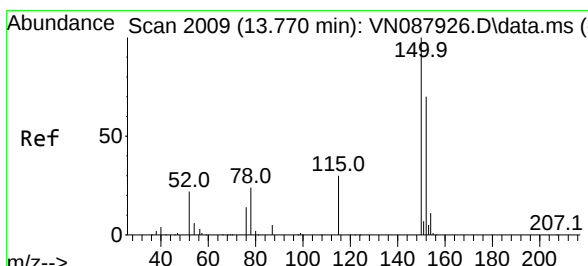
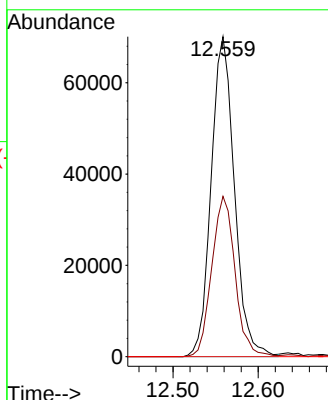
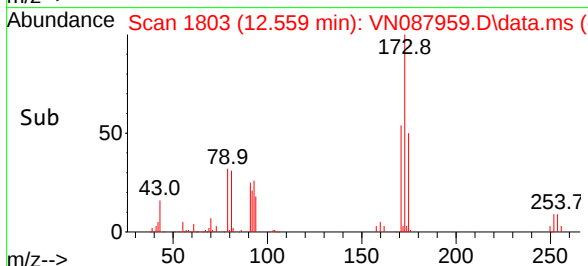
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



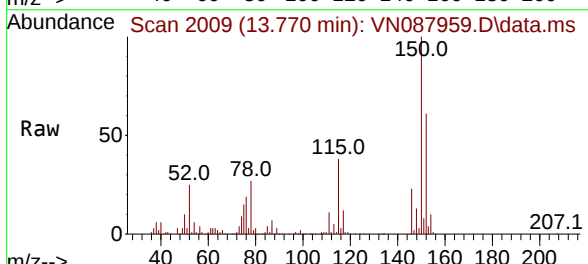
Tgt Ion:173 Resp: 132994
Ion Ratio Lower Upper
173 100
175 50.1 23.7 71.1
254 0.0 0.1 0.1

Manual Integrations
APPROVED

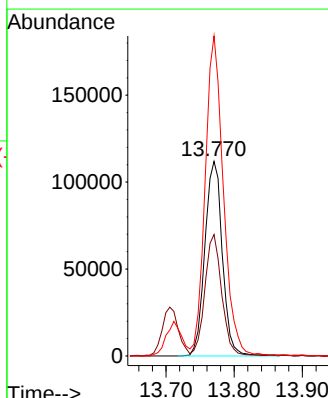
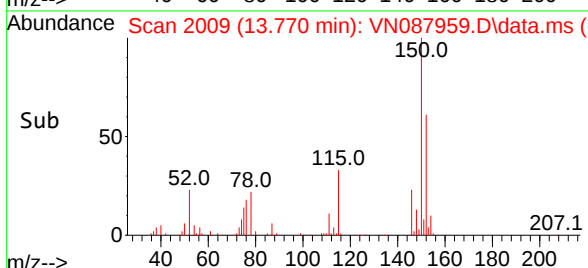
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

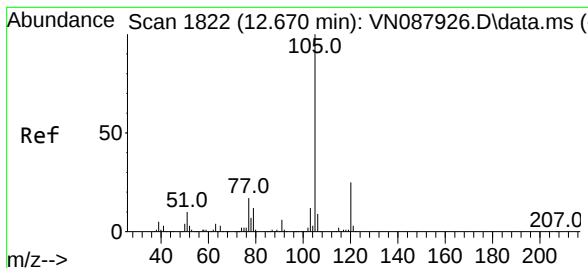


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



Tgt Ion:152 Resp: 200044
Ion Ratio Lower Upper
152 100
115 59.5 29.9 89.7
150 170.5 0.0 335.0





#73

Isopropylbenzene

Concen: 48.826 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN087959.D

Acq: 25 Sep 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 60535

Ion Ratio Lower Upper

105 100

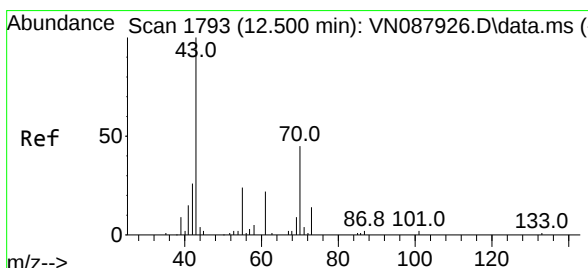
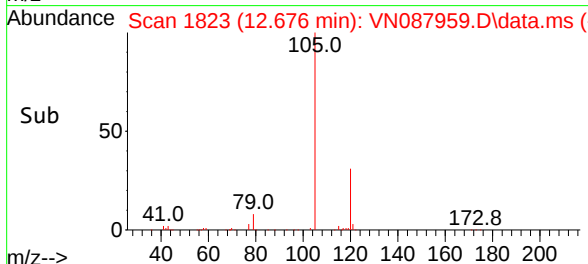
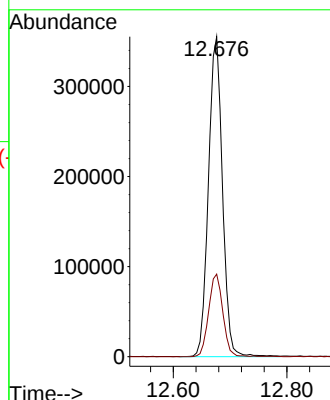
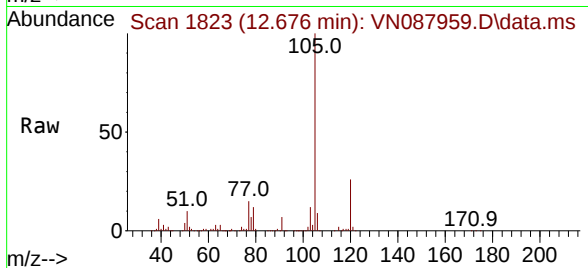
120 26.0 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#74

N-ethyl acetate

Concen: 52.391 ug/l m

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN087959.D

Acq: 25 Sep 2025 16:50

Tgt Ion: 43 Resp: 214023

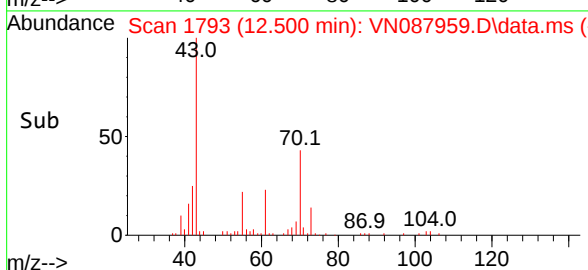
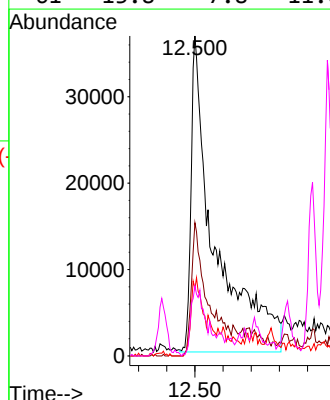
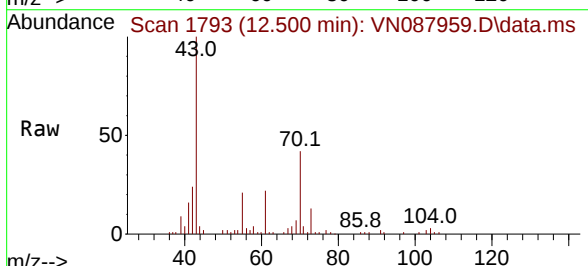
Ion Ratio Lower Upper

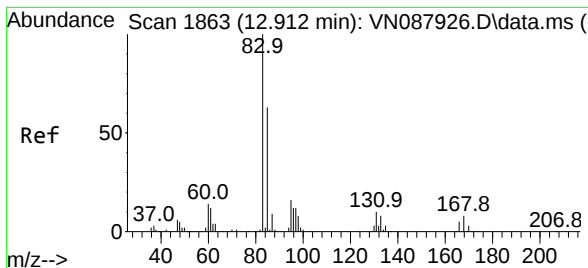
43 100

70 29.2 19.8 29.8

55 11.6 9.6 14.4

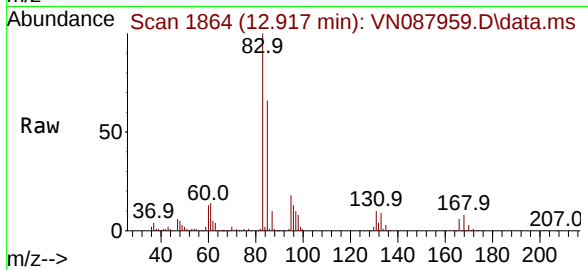
61 13.8 7.8 11.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 57.990 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

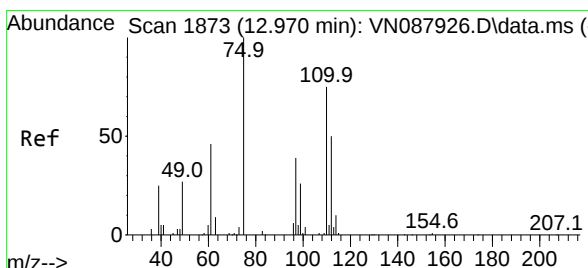
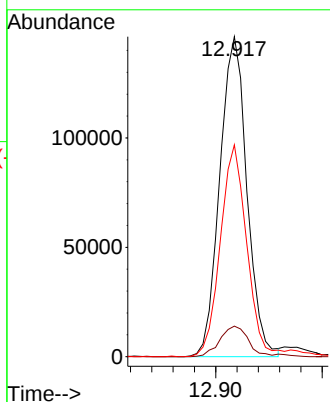
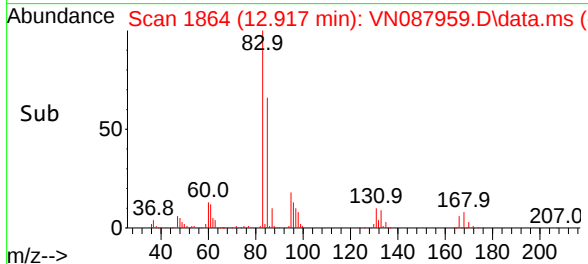
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 259040
Ion Ratio Lower Upper
83 100
131 10.4 5.2 15.6
85 66.0 32.4 97.0

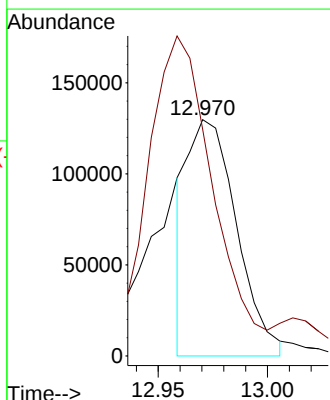
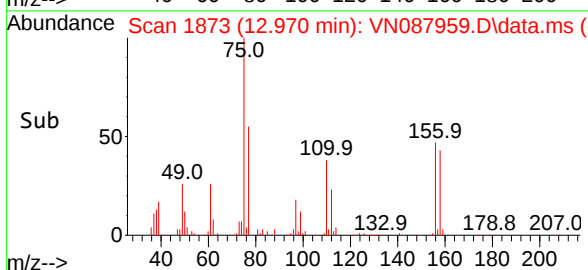
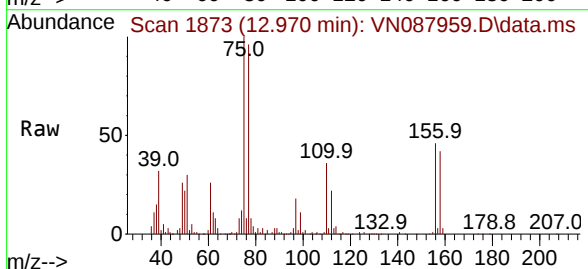
Manual Integrations
APPROVED

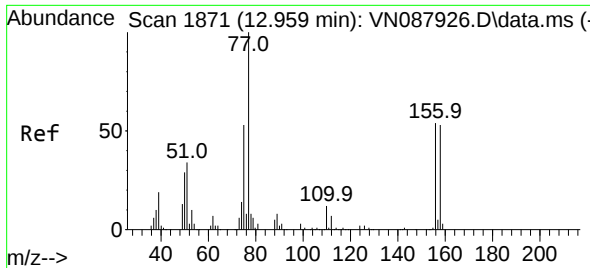
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#76
1,2,3-Trichloropropane
Concen: 51.211 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

Tgt Ion: 75 Resp: 201941
Ion Ratio Lower Upper
75 100
77 182.0 89.5 268.5





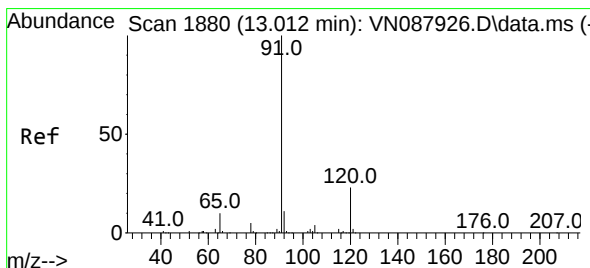
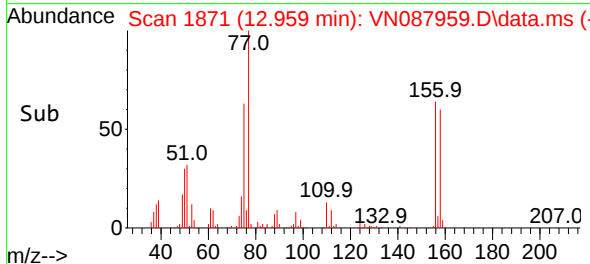
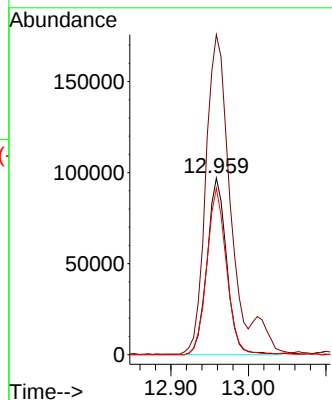
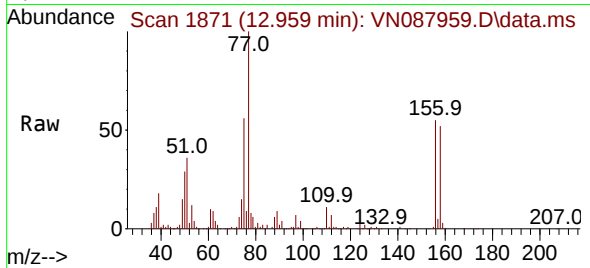
#77
Bromobenzene
Concen: 51.487 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 169845
Ion Ratio Lower Upper
156 100
77 216.4 108.2 324.6
158 94.7 49.6 149.0

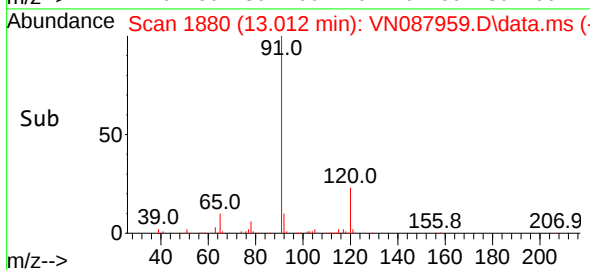
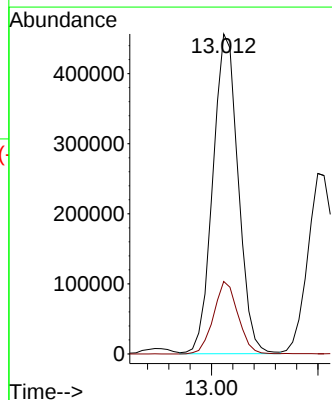
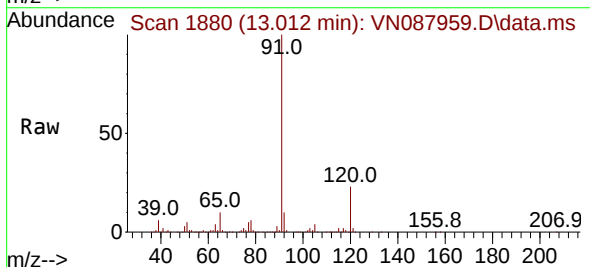
Manual Integrations
APPROVED

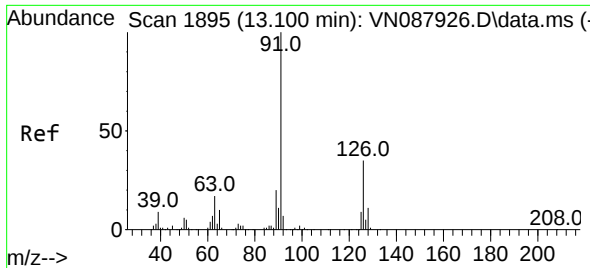
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#78
n-propylbenzene
Concen: 48.687 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

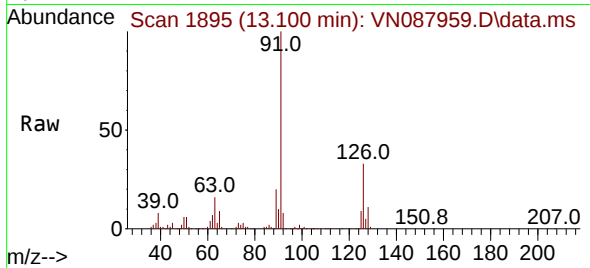
Tgt Ion: 91 Resp: 754701
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.1





#79
2-Chlorotoluene
Concen: 48.275 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

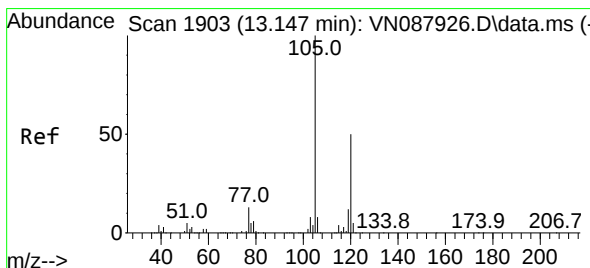
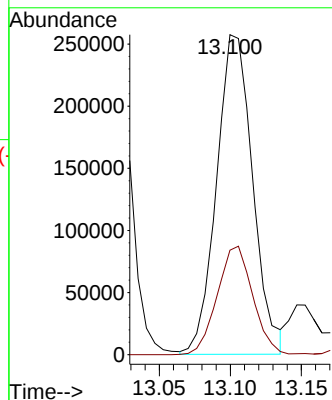
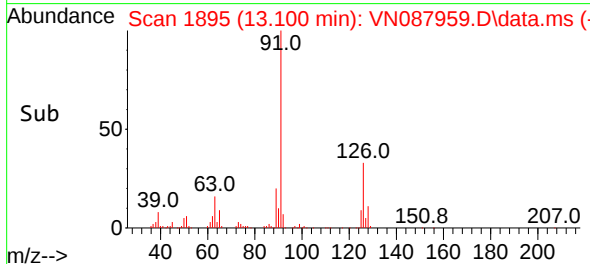
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



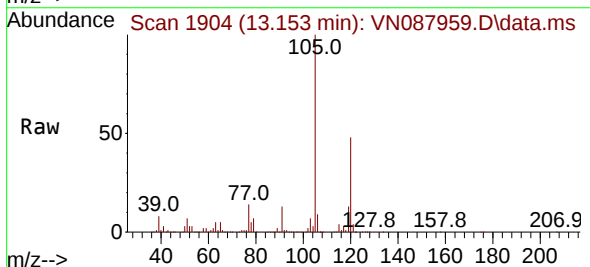
Tgt Ion: 91 Resp: 455638
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.8

Manual Integrations
APPROVED

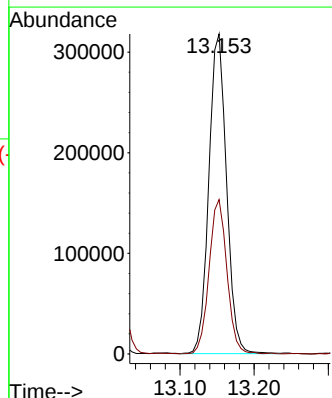
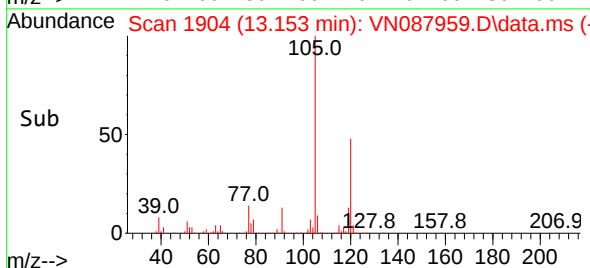
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

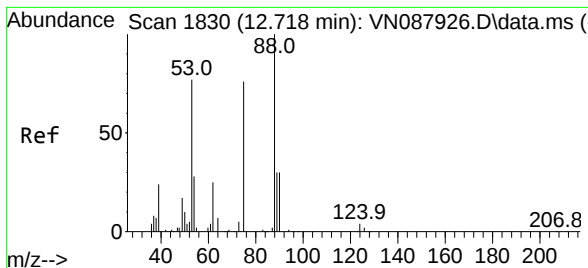


#80
1,3,5-Trimethylbenzene
Concen: 49.009 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



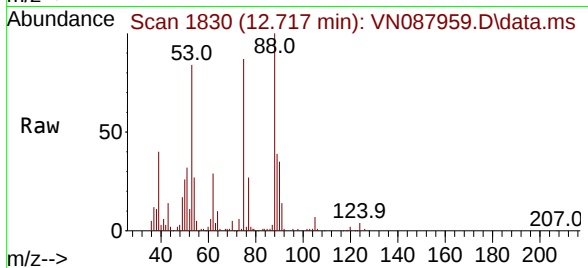
Tgt Ion:105 Resp: 525581
Ion Ratio Lower Upper
105 100
120 48.6 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 65.261 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

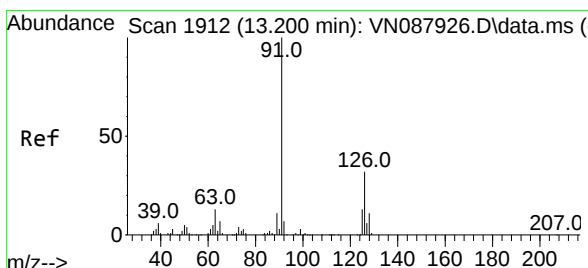
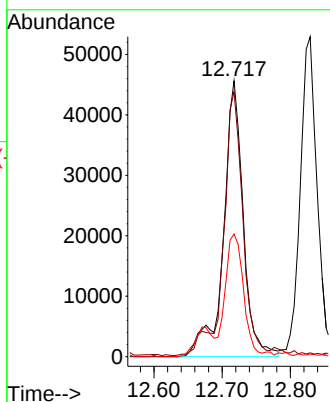
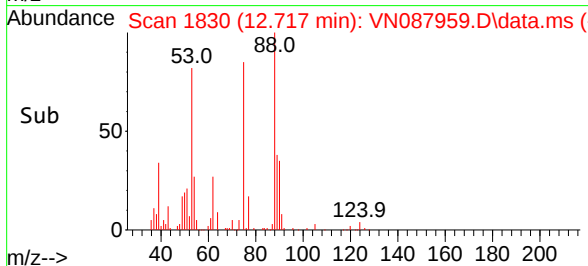
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 92675
Ion Ratio Lower Upper
75 100
53 81.8 82.0 123.0
89 40.7 36.1 54.1

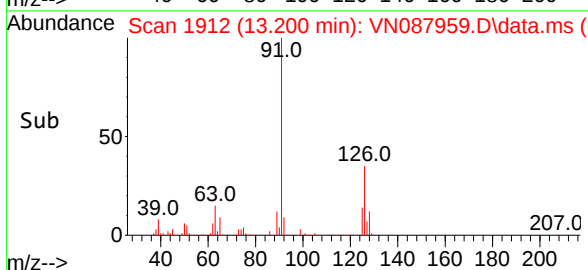
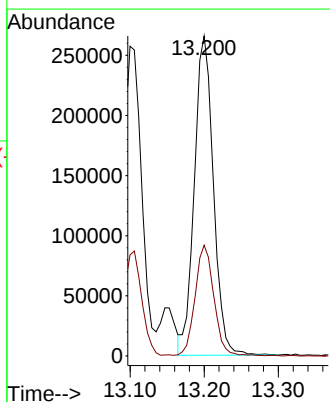
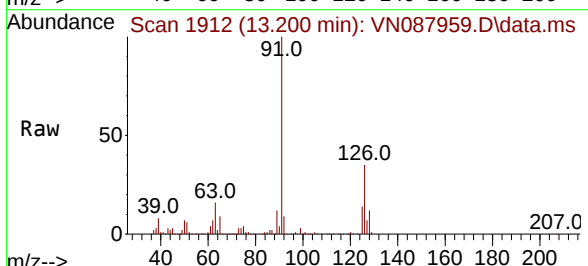
Manual Integrations
APPROVED

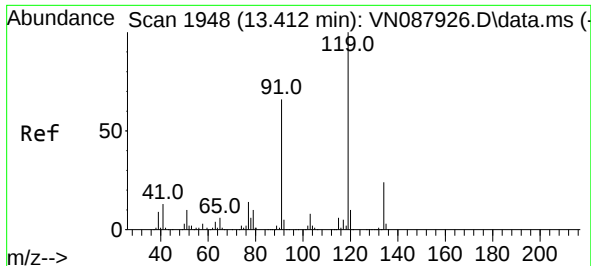
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#82
4-Chlorotoluene
Concen: 49.987 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

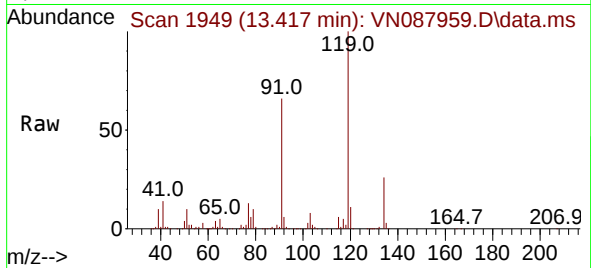
Tgt Ion: 91 Resp: 475393
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.6





#83
tert-Butylbenzene
Concen: 48.799 ug/l
RT: 13.417 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

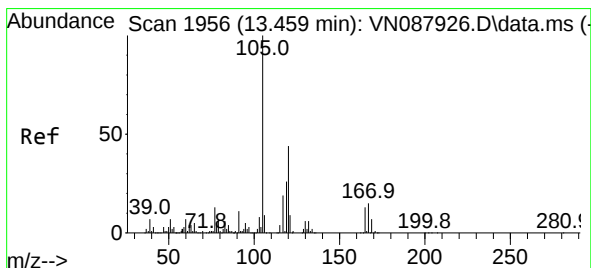
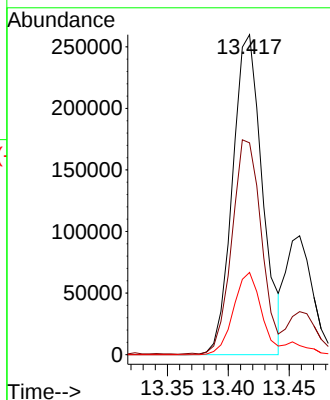
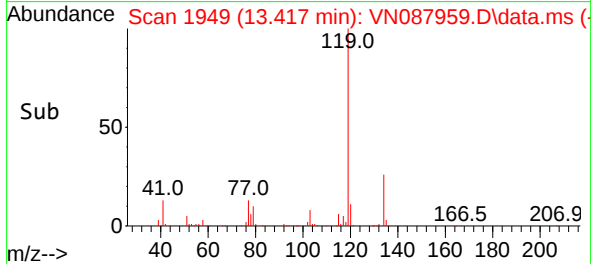
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



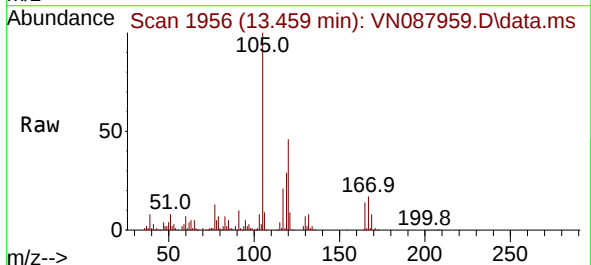
Tgt Ion:119 Resp: 44295
Ion Ratio Lower Upper
119 100
91 66.3 32.1 96.3
134 24.5 12.3 36.8

Manual Integrations
APPROVED

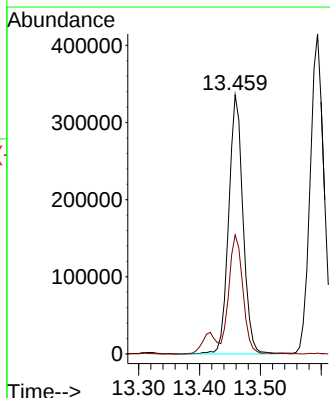
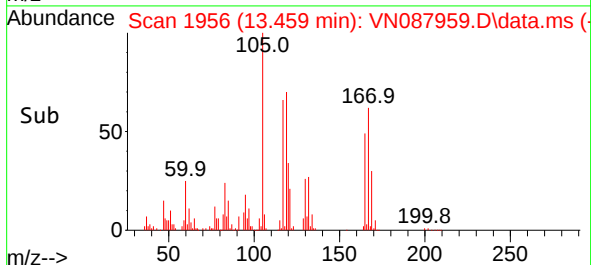
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

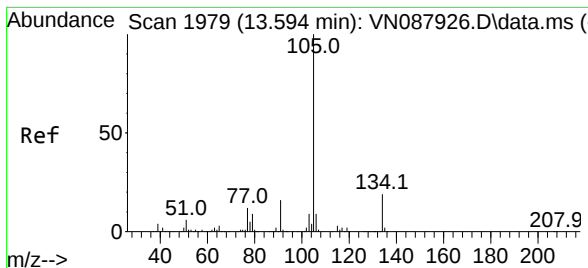


#84
1,2,4-Trimethylbenzene
Concen: 49.930 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



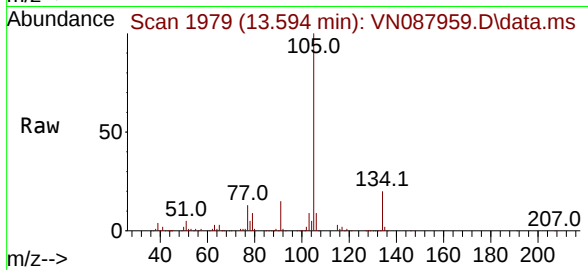
Tgt Ion:105 Resp: 549222
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 49.047 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087959.D
 Acq: 25 Sep 2025 16:50

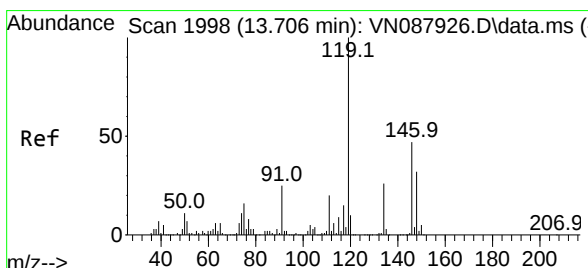
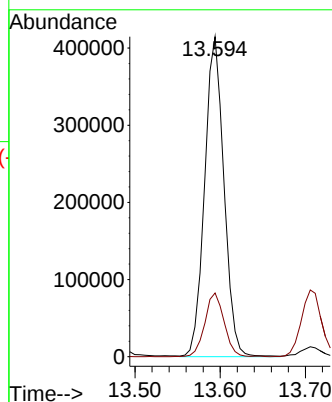
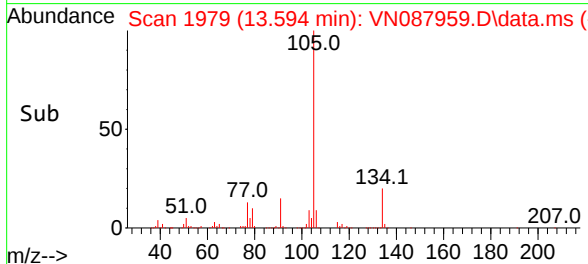
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



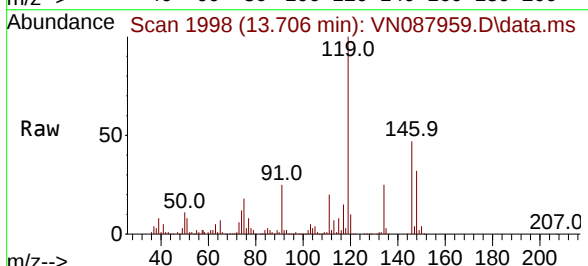
Tgt Ion:105 Resp: 652729
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.6 28.8

Manual Integrations
 APPROVED

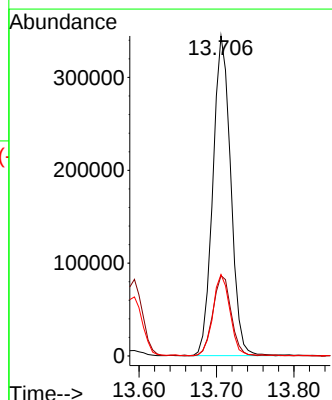
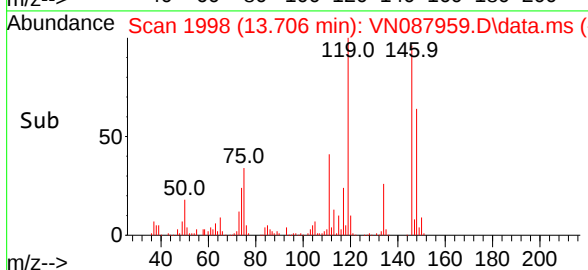
Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025

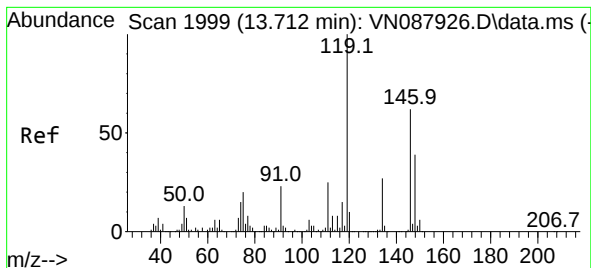


#86
 p-Isopropyltoluene
 Concen: 48.969 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087959.D
 Acq: 25 Sep 2025 16:50



Tgt Ion:119 Resp: 551957
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 24.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 49.595 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087959.D

Acq: 25 Sep 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

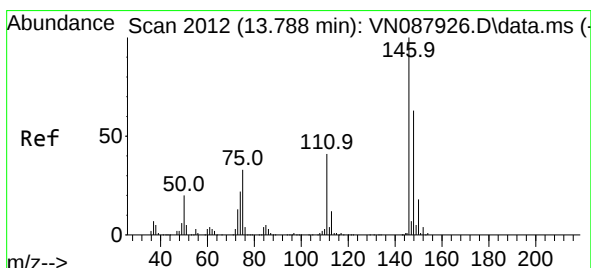
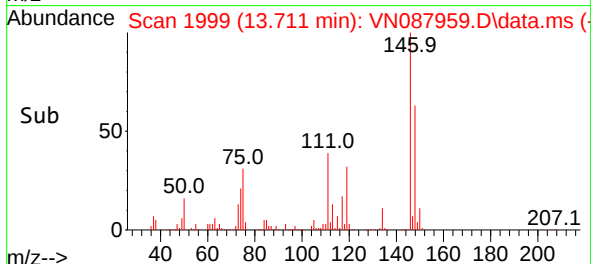
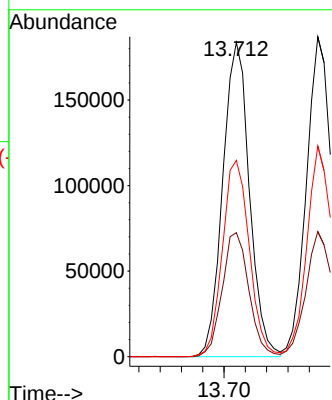
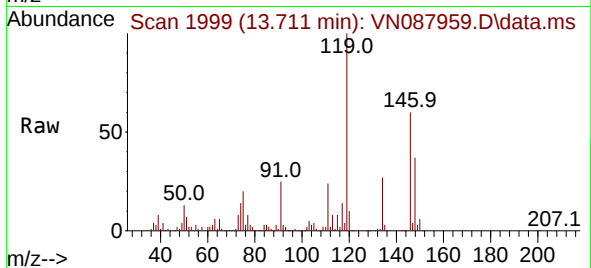
Tgt Ion:	146	Resp:	31925
Ion Ratio	Lower	Upper	
146	100		
111	39.6	20.3	60.8
148	63.1	32.4	97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#88

1,4-Dichlorobenzene

Concen: 48.296 ug/l

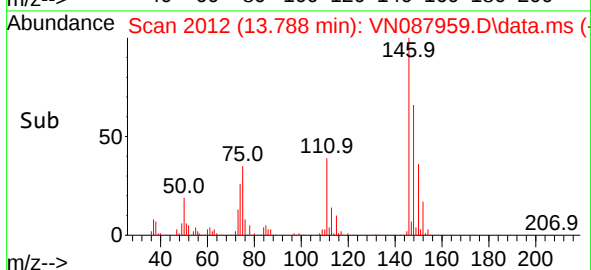
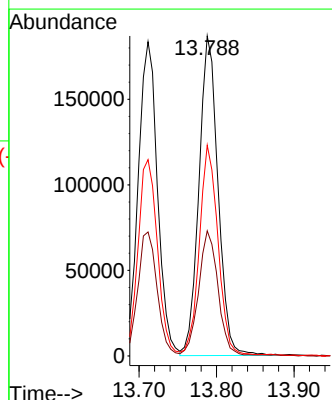
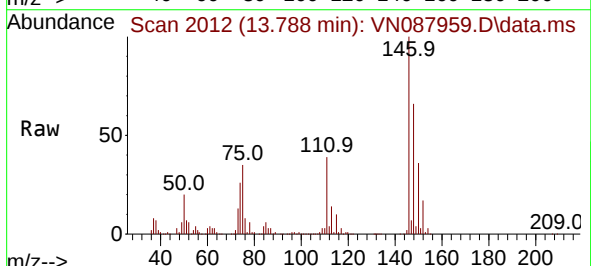
RT: 13.788 min Scan# 1212

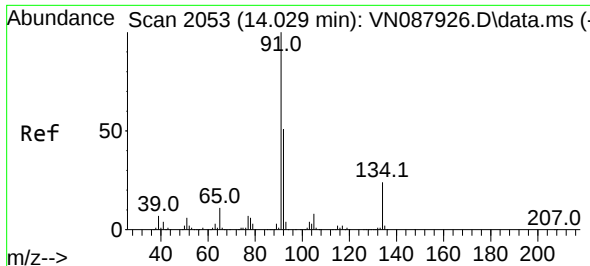
Delta R.T. -0.000 min

Lab File: VN087959.D

Acq: 25 Sep 2025 16:50

Tgt Ion:	146	Resp:	319505
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.5	61.5
148	63.8	32.8	98.4





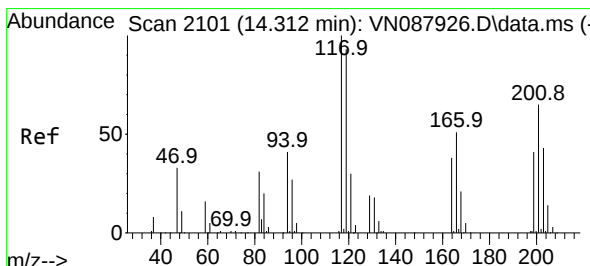
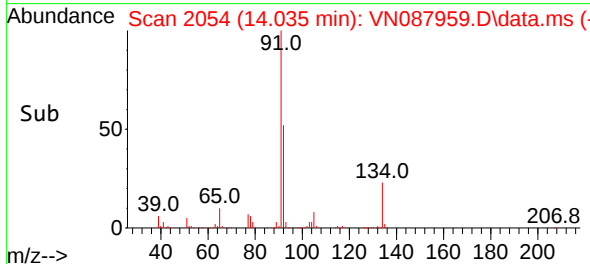
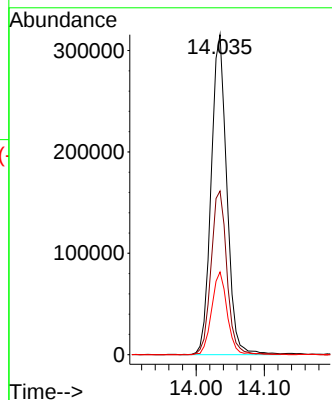
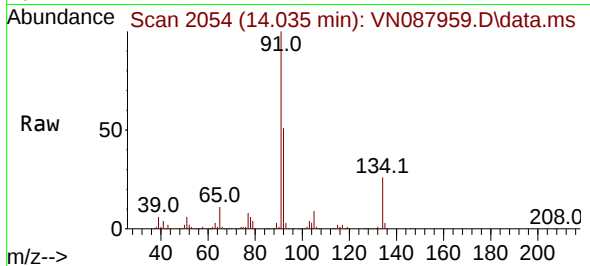
#89
n-Butylbenzene
Concen: 47.507 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 506049
Ion Ratio Lower Upper
91 100
92 51.4 25.9 77.8
134 25.7 12.6 37.8

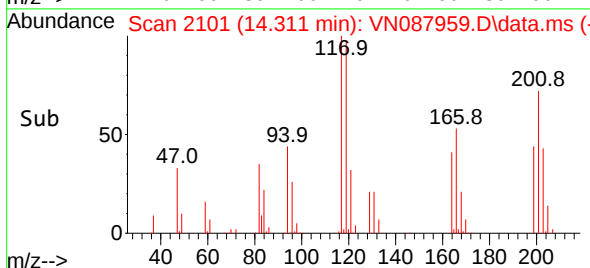
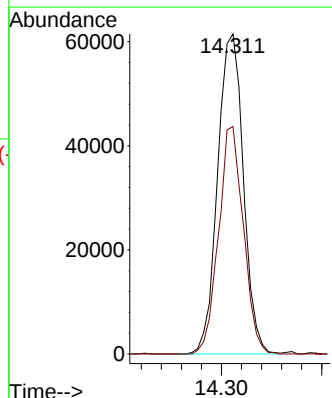
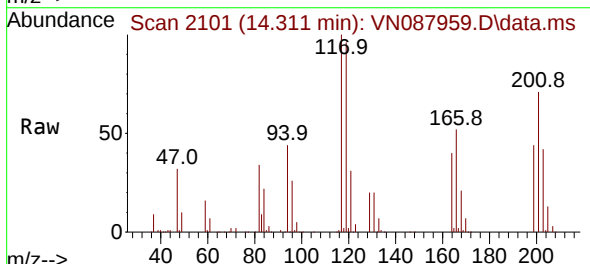
Manual Integrations
APPROVED

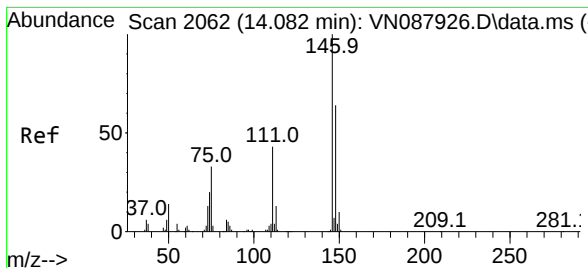
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#90
Hexachloroethane
Concen: 46.515 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

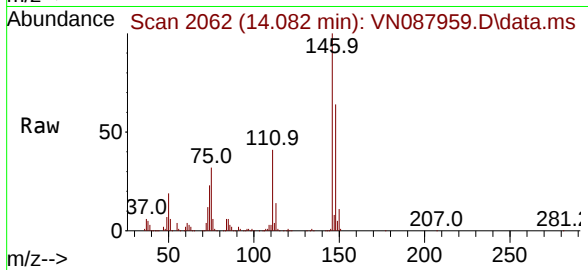
Tgt Ion:117 Resp: 109519
Ion Ratio Lower Upper
117 100
201 68.6 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 50.747 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

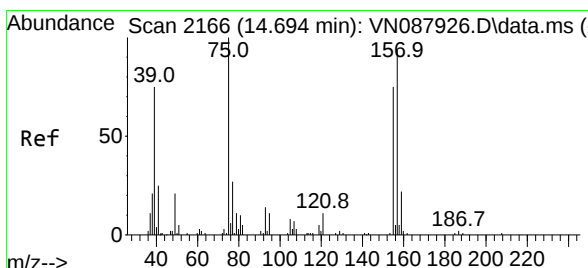
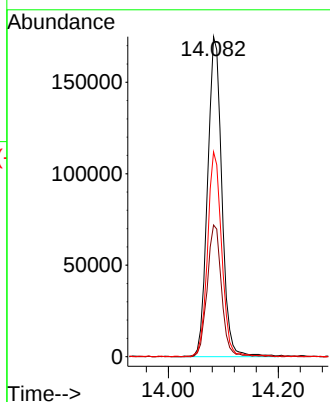
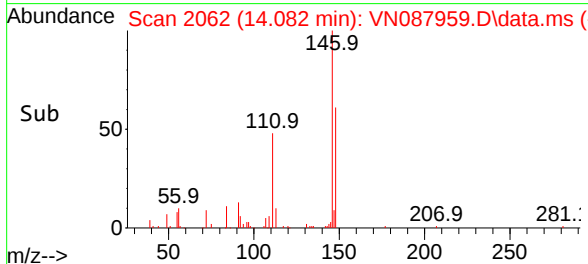
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



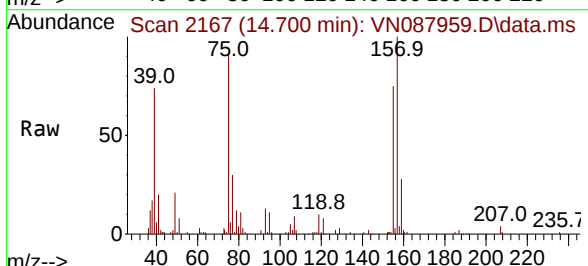
Tgt Ion:146 Resp: 314884
Ion Ratio Lower Upper
146 100
111 41.4 20.9 62.7
148 63.1 31.9 95.9

Manual Integrations
APPROVED

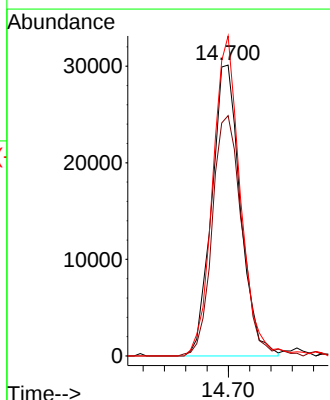
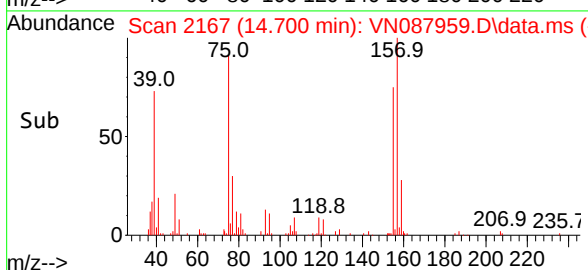
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

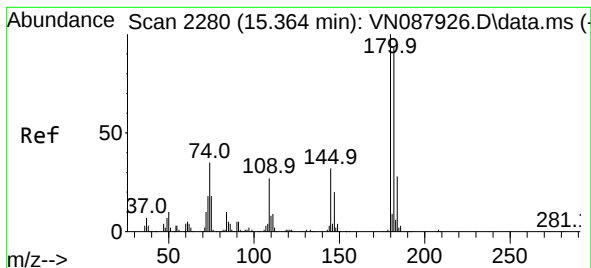


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.096 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



Tgt Ion: 75 Resp: 56150
Ion Ratio Lower Upper
75 100
155 86.2 40.2 120.6
157 107.2 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 50.013 ug/l

RT: 15.370 min Scan# 2280

Delta R.T. 0.006 min

Lab File: VN087959.D

Acq: 25 Sep 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 183229

Ion Ratio Lower Upper

180 100

182 96.5 48.5 145.5

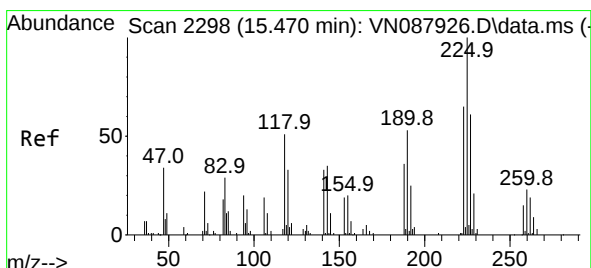
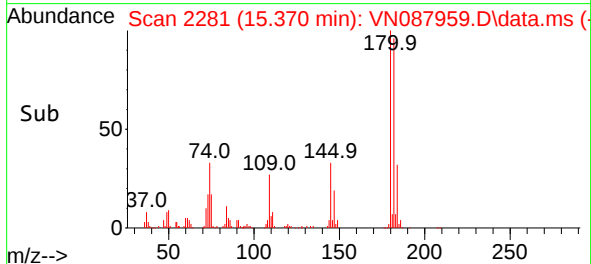
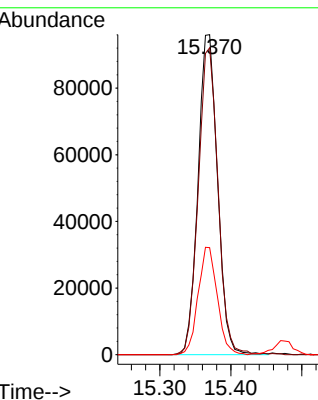
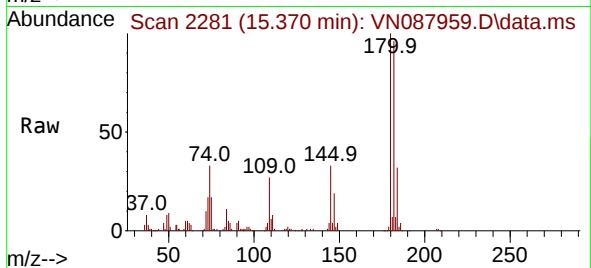
145 33.0 15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#94

Hexachlorobutadiene

Concen: 50.543 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN087959.D

Acq: 25 Sep 2025 16:50

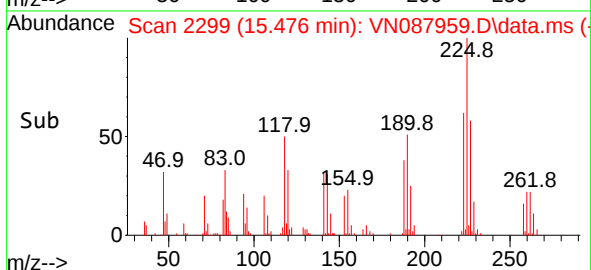
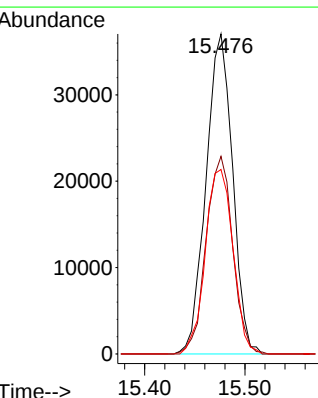
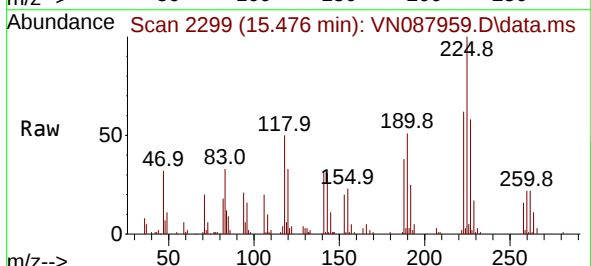
Tgt Ion:225 Resp: 68154

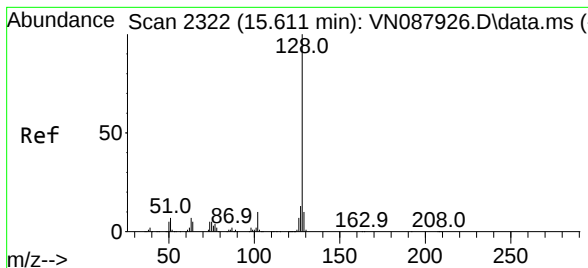
Ion Ratio Lower Upper

225 100

223 61.8 31.8 95.4

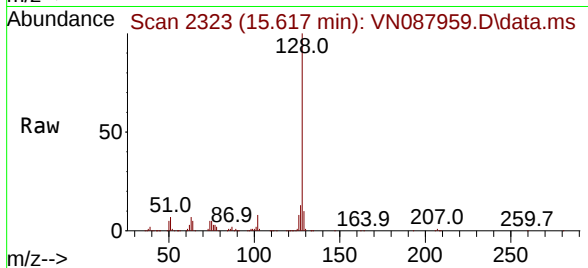
227 60.2 31.9 95.9





#95
Naphthalene
Concen: 58.465 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50

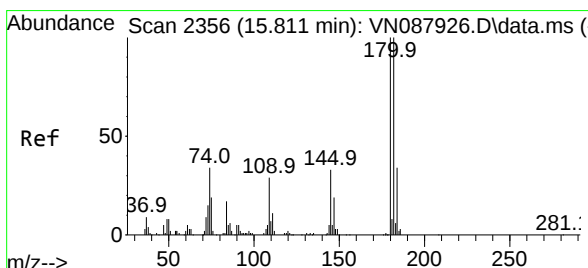
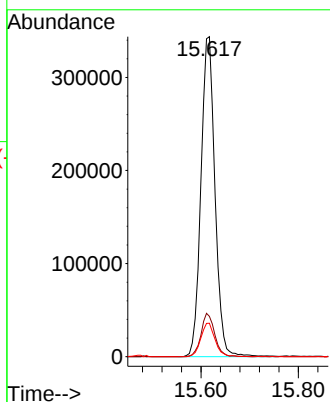
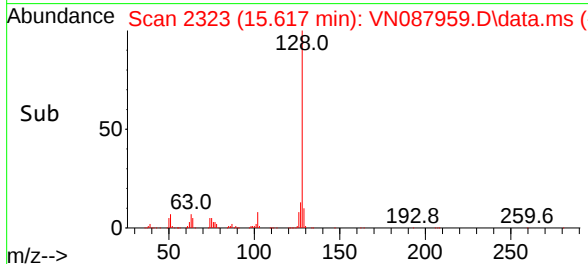
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



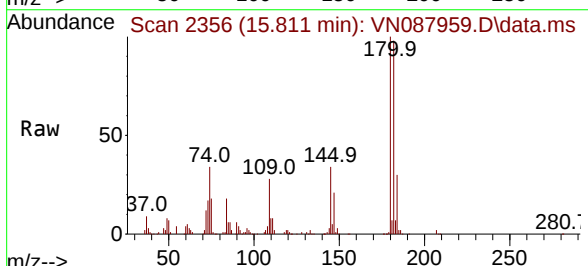
Tgt Ion:128 Resp: 68756
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.415 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087959.D
Acq: 25 Sep 2025 16:50



Tgt Ion:180 Resp: 183123
Ion Ratio Lower Upper
180 100
182 94.5 47.3 142.0
145 33.1 16.1 48.3

