

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
 Data File : VN087647.D
 Acq On : 25 Aug 2025 09:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 26 01:30:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/26/2025
 Supervised By : Mahesh Dadoda 08/26/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	257927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	497405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	459274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	238788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	227657	43.079	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.160%		
35) Dibromofluoromethane	8.147	113	158040	44.007	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.020%		
50) Toluene-d8	10.547	98	580370	43.178	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.360%		
62) 4-Bromofluorobenzene	12.829	95	209913	43.913	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	87.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	190539	52.013	ug/l	99
3) Chloromethane	2.383	50	181773	48.284	ug/l	99
4) Vinyl Chloride	2.536	62	200711	45.982	ug/l	95
5) Bromomethane	2.959	94	110879	49.230	ug/l	99
6) Chloroethane	3.130	64	140578	45.822	ug/l	96
7) Trichlorofluoromethane	3.506	101	299086	46.767	ug/l	91
8) Diethyl Ether	3.959	74	129638	46.546	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	164216	45.380	ug/l	99
10) Methyl Iodide	4.577	142	110018	41.951	ug/l	99
11) Tert butyl alcohol	5.524	59	249610	272.075	ug/l	98
12) 1,1-Dichloroethene	4.330	96	164383	44.205	ug/l	97
13) Acrolein	4.177	56	380166	337.068	ug/l	97
14) Allyl chloride	5.006	41	291237	43.218	ug/l	99
15) Acrylonitrile	5.706	53	640415	247.515	ug/l	99
16) Acetone	4.424	43	746179	259.380	ug/l	94
17) Carbon Disulfide	4.701	76	468979	45.810	ug/l	97
18) Methyl Acetate	5.018	43	303456	50.380	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	677791	48.587	ug/l	98
20) Methylene Chloride	5.259	84	197897	47.497	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	177674	44.085	ug/l	98
22) Diisopropyl ether	6.653	45	691207	47.531	ug/l	98
23) Vinyl Acetate	6.589	43	3247498	245.457	ug/l	98
24) 1,1-Dichloroethane	6.553	63	352404	44.198	ug/l	98
25) 2-Butanone	7.471	43	972341	256.909	ug/l	99
26) 2,2-Dichloropropane	7.471	77	307817	44.980	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	218414	45.332	ug/l	96
28) Bromochloromethane	7.794	49	163107	42.314	ug/l	99
29) Tetrahydrofuran	7.824	42	608322	249.751	ug/l	99
30) Chloroform	7.947	83	372430	45.762	ug/l	98
31) Cyclohexane	8.236	56	293315	44.127	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	315914	45.805	ug/l	97
36) 1,1-Dichloropropene	8.353	75	244912	44.453	ug/l	99
37) Ethyl Acetate	7.553	43	350352	46.537	ug/l	96
38) Carbon Tetrachloride	8.341	117	259829	47.766	ug/l	96
39) Methylcyclohexane	9.583	83	287729	47.436	ug/l	96
40) Benzene	8.588	78	793712	46.970	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	190959	48.966	ug/l	96
42) 1,2-Dichloroethane	8.653	62	303758	46.778	ug/l	100
43) Isopropyl Acetate	8.671	43	597985	50.875	ug/l	100
44) Trichloroethene	9.335	130	171566	44.470	ug/l	93
45) 1,2-Dichloropropane	9.600	63	205195	46.068	ug/l	96
46) Dibromomethane	9.688	93	151314	47.738	ug/l	99
47) Bromodichloromethane	9.871	83	310093	47.735	ug/l	97
48) Methyl methacrylate	9.665	41	279845	50.334	ug/l	98
49) 1,4-Dioxane	9.677	88	84226	1168.809	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	1835312	258.798	ug/l	100
52) Toluene	10.612	92	480342	45.852	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	331242	49.262	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	344631	49.361	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	201664	49.762	ug/l	99
56) Ethyl methacrylate	10.859	69	339203	52.374	ug/l	98
57) 1,3-Dichloropropane	11.141	76	343765	47.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	862865	246.151	ug/l	100
59) 2-Hexanone	11.177	43	1255932	280.221	ug/l	99
60) Dibromochloromethane	11.341	129	225900	48.108	ug/l	100
61) 1,2-Dibromoethane	11.447	107	209416	49.007	ug/l	99
64) Tetrachloroethene	11.082	164	141116	44.287	ug/l	96
65) Chlorobenzene	11.871	112	525177	45.963	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	185245	48.835	ug/l	99
67) Ethyl Benzene	11.941	91	937027	47.365	ug/l	100
68) m/p-Xylenes	12.047	106	709585	97.801	ug/l	98
69) o-Xylene	12.376	106	338958	47.672	ug/l	100
70) Styrene	12.394	104	600428	50.405	ug/l	99
71) Bromoform	12.559	173	150357	51.684	ug/l #	98
73) Isopropylbenzene	12.676	105	885054	45.868	ug/l	100
74) N-amyl acetate	12.500	43	357775m	48.927	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	314676	47.368	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	270134m	48.241	ug/l	
77) Bromobenzene	12.959	156	207080	45.516	ug/l	97
78) n-propylbenzene	13.012	91	1117639	47.024	ug/l	100
79) 2-Chlorotoluene	13.106	91	670903	46.907	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	752309	45.959	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	102807	48.604	ug/l	88
82) 4-Chlorotoluene	13.200	91	689983	45.883	ug/l	98
83) tert-Butylbenzene	13.418	119	644441	47.245	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	779645	47.579	ug/l	98
85) sec-Butylbenzene	13.594	105	955236	47.190	ug/l	100
86) p-Isopropyltoluene	13.706	119	796740	47.666	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	412959	46.092	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	417746	44.805	ug/l	100
89) n-Butylbenzene	14.035	91	777751	46.851	ug/l	99
90) Hexachloroethane	14.312	117	149995	47.102	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	400026	47.063	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	78738	49.894	ug/l	95
93) 1,2,4-Trichlorobenzene	15.365	180	240229	47.066	ug/l	98
94) Hexachlorobutadiene	15.476	225	85184	46.813	ug/l	99
95) Naphthalene	15.612	128	897935	49.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	235260	47.148	ug/l	99

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QLast Update : Fri Aug 22 02:55:42 2025
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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

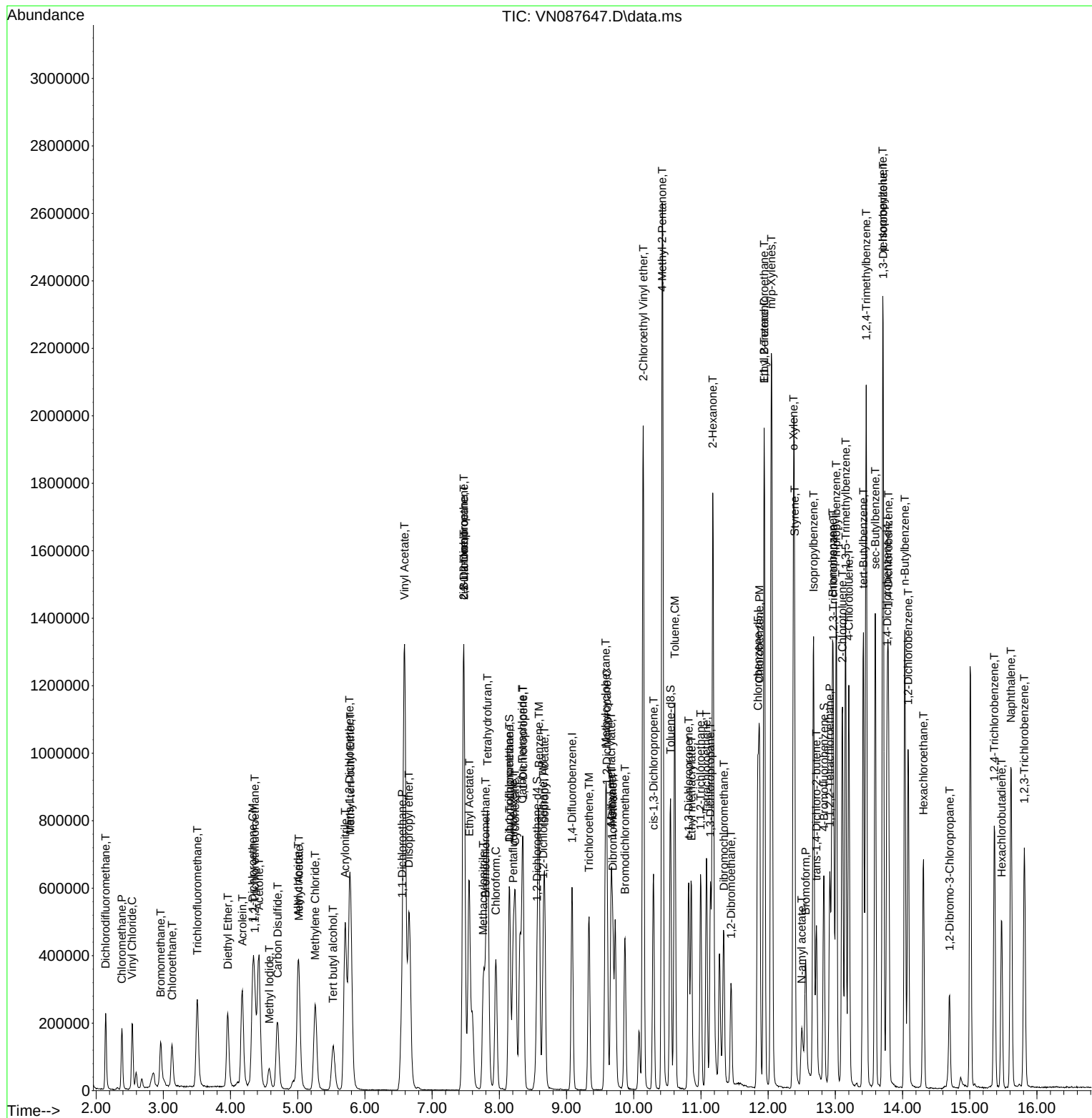
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
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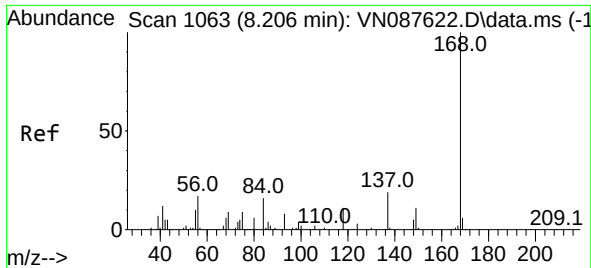
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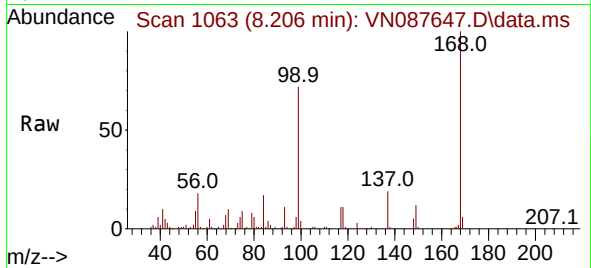
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

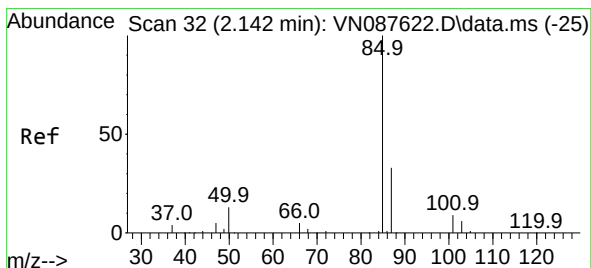
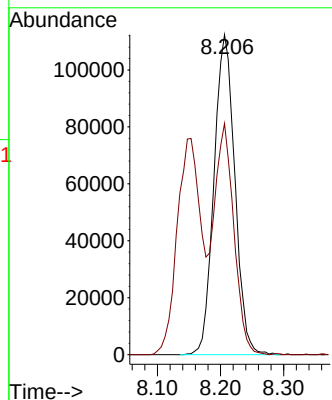
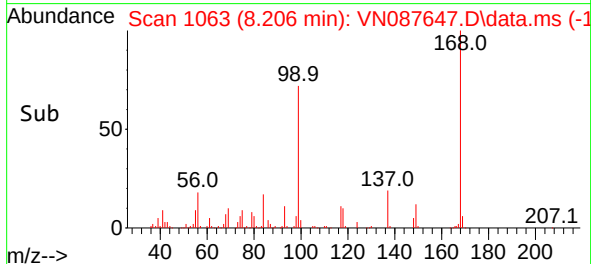
Instrument :
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VSTDCCC050



Tgt Ion:168 Resp: 25792
Ion Ratio Lower Upper
168 100
99 72.0 57.2 85.8

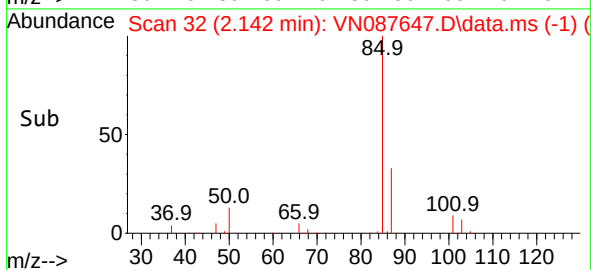
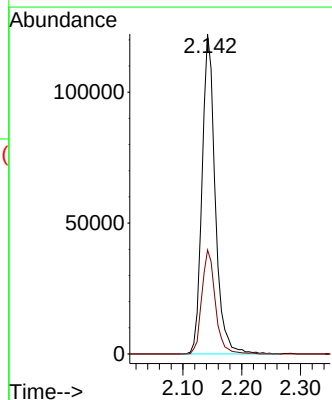
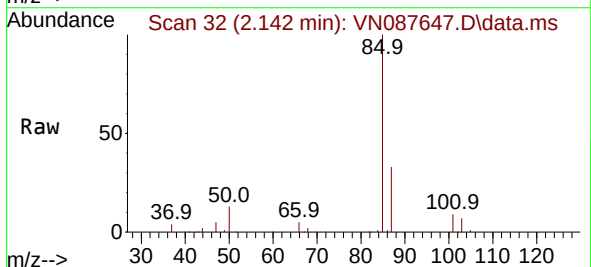
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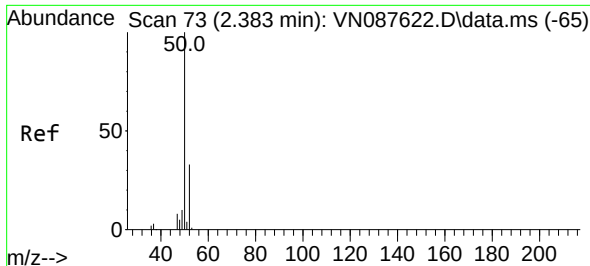
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#2
Dichlorodifluoromethane
Concen: 52.013 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

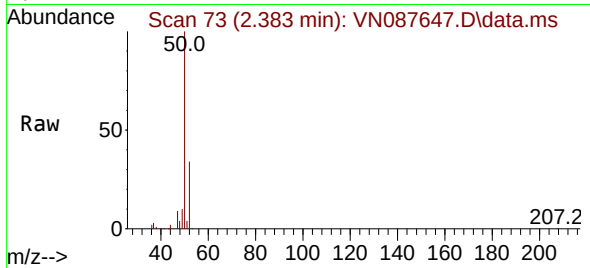
Tgt Ion: 85 Resp: 190539
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.8





#3
Chloromethane
Concen: 48.284 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

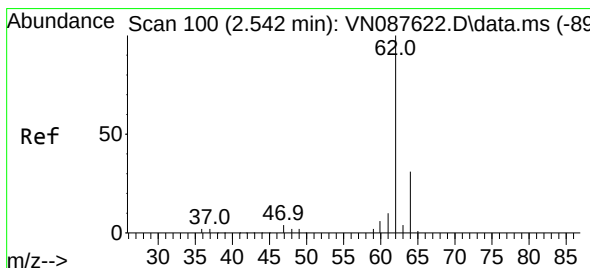
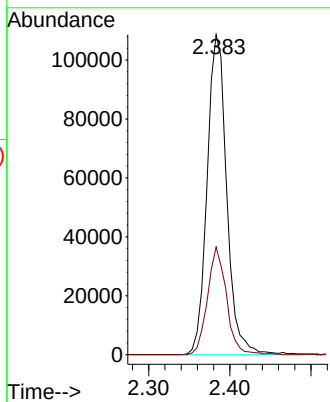
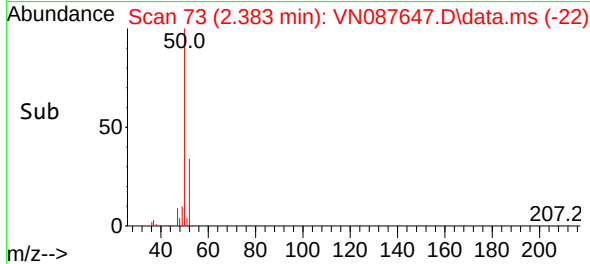
Instrument :
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Tgt Ion: 50 Resp: 18177
Ion Ratio Lower Upper
50 100
52 33.6 26.2 39.4

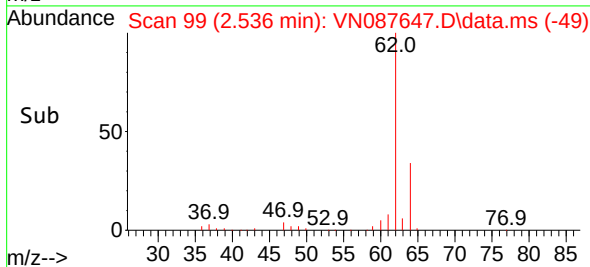
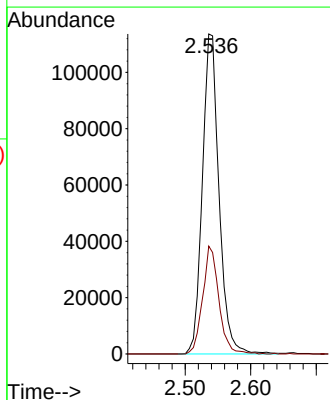
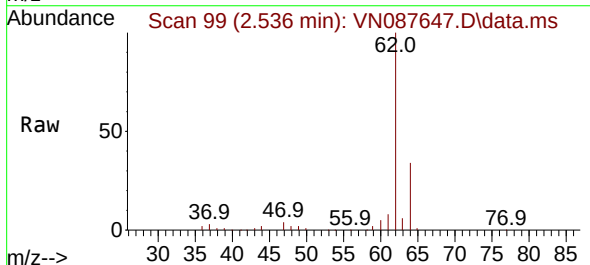
Manual Integrations
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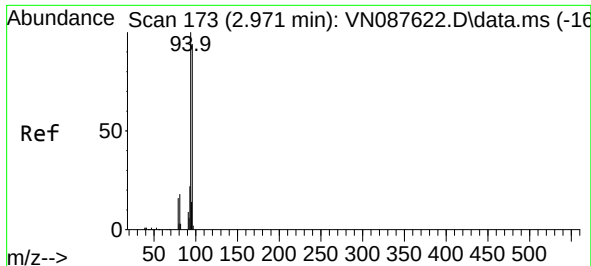
Reviewed By :John Carlone 08/26/2025
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#4
Vinyl Chloride
Concen: 45.982 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087647.D
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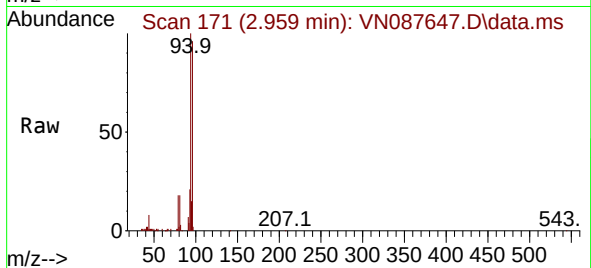
Tgt Ion: 62 Resp: 200711
Ion Ratio Lower Upper
62 100
64 33.7 24.6 37.0





#5
Bromomethane
Concen: 49.230 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087647.D
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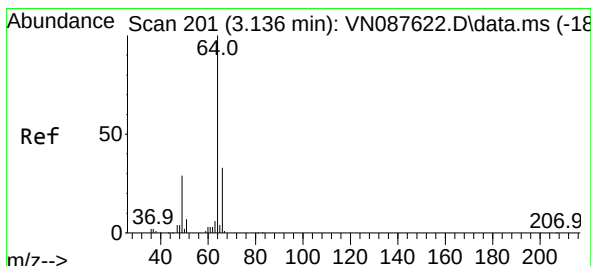
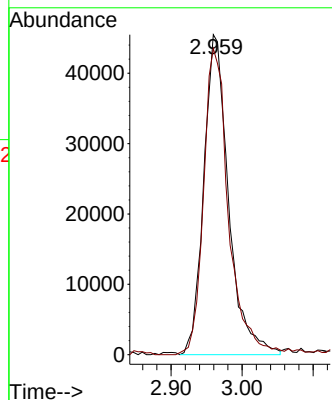
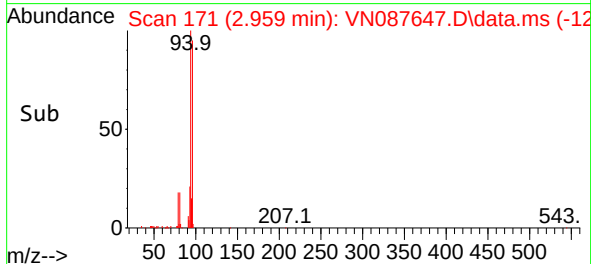
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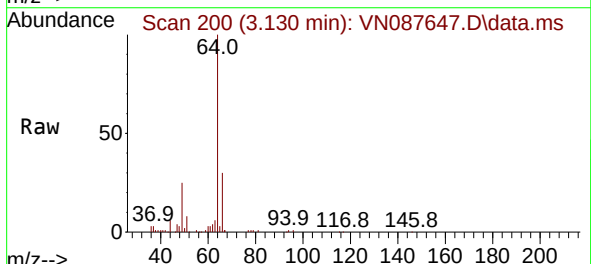
Tgt Ion: 94 Resp: 110879
Ion Ratio Lower Upper
94 100
96 95.0 75.4 113.2

Manual Integrations
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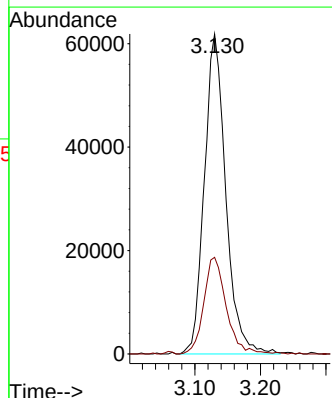
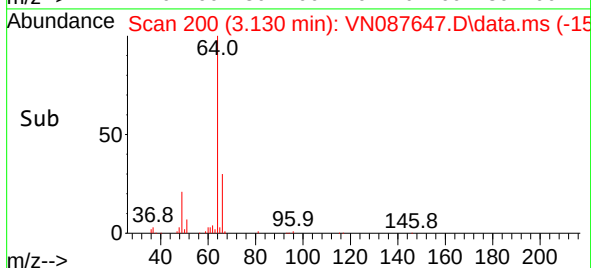
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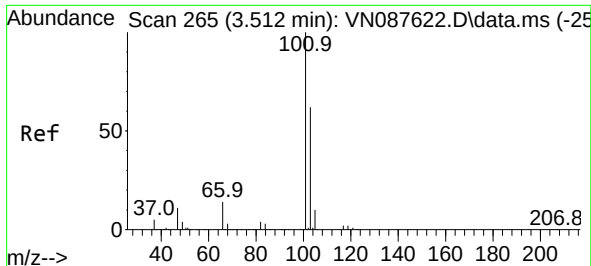


#6
Chloroethane
Concen: 45.822 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087647.D
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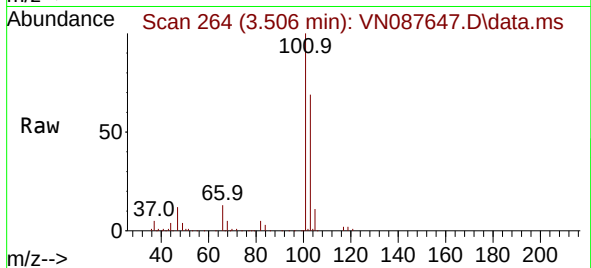
Tgt Ion: 64 Resp: 140578
Ion Ratio Lower Upper
64 100
66 30.2 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 46.767 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087647.D
 Acq: 25 Aug 2025 09:37

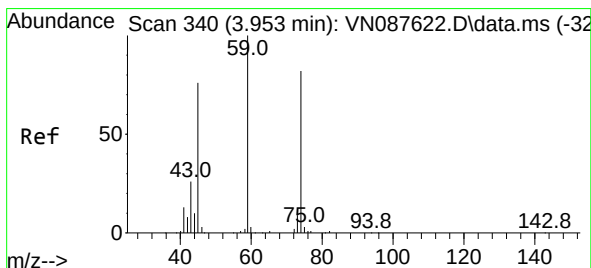
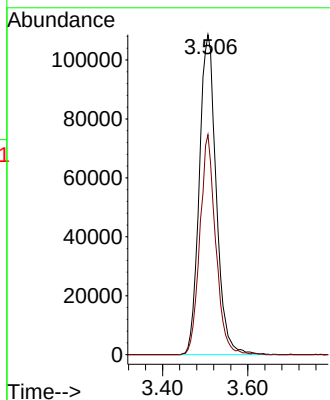
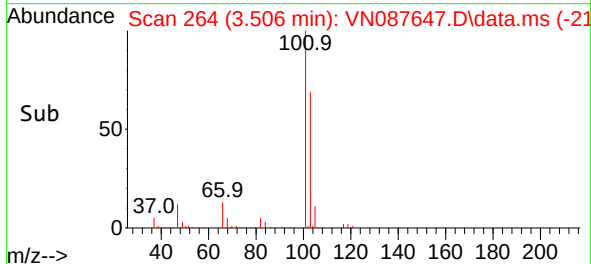
Instrument :
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Tgt Ion:101 Resp: 29908
 Ion Ratio Lower Upper
 101 100
 103 68.8 49.4 74.0

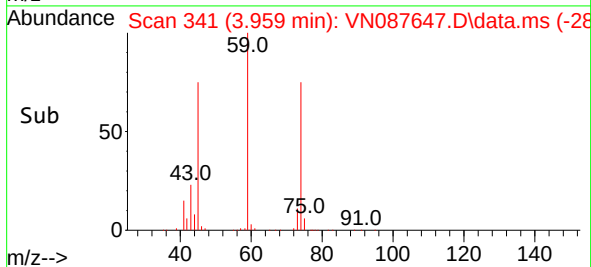
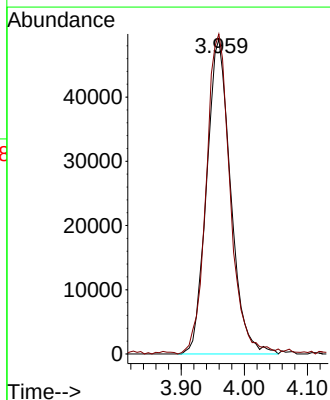
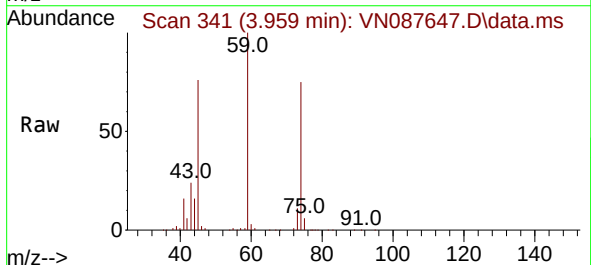
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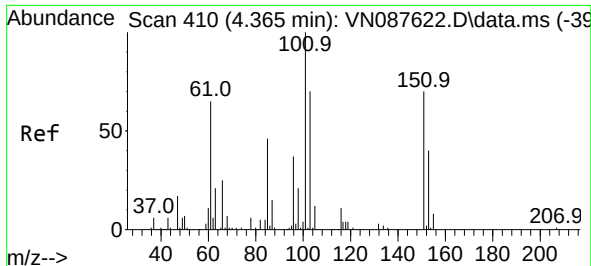
Reviewed By :John Carlone 08/26/2025
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#8
 Diethyl Ether
 Concen: 46.546 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087647.D
 Acq: 25 Aug 2025 09:37

Tgt Ion: 74 Resp: 129638
 Ion Ratio Lower Upper
 74 100
 45 101.6 50.6 151.9





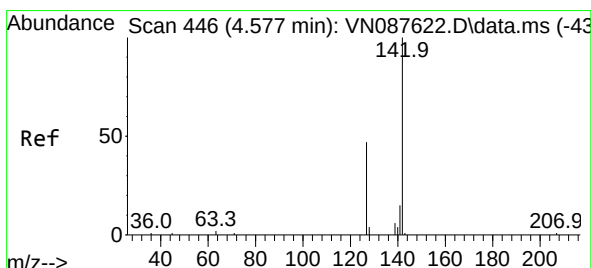
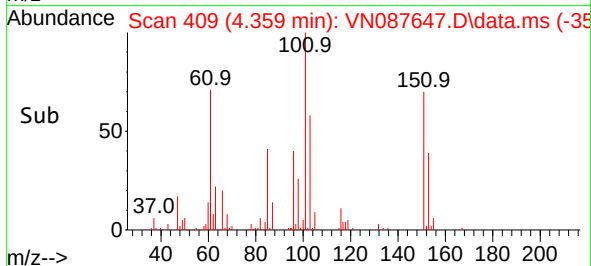
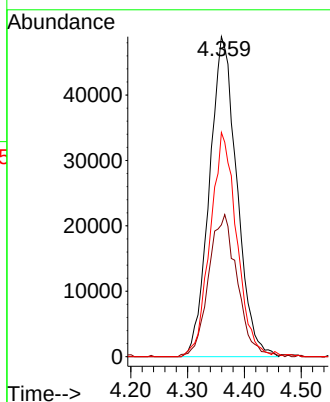
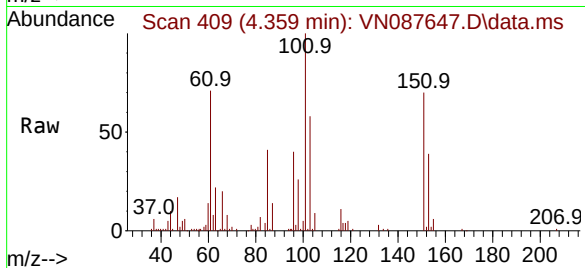
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.380 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 164210
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 67.7 54.7 82.1

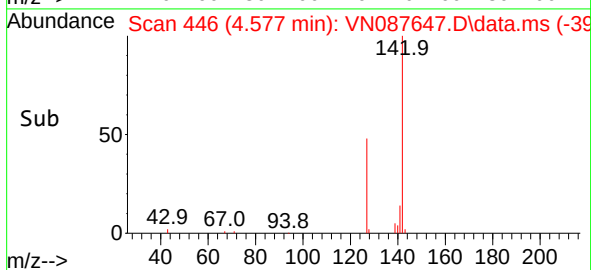
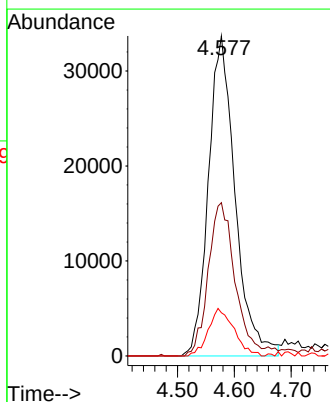
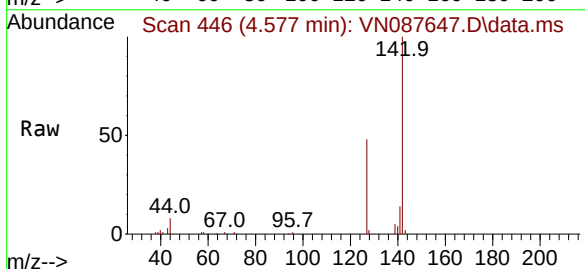
Manual Integrations
APPROVED

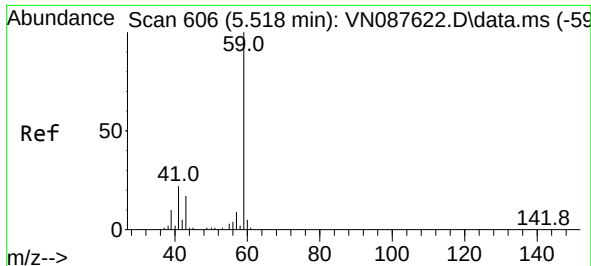
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#10
Methyl Iodide
Concen: 41.951 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

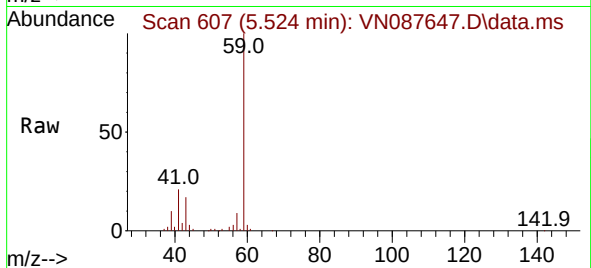
Tgt Ion:142 Resp: 110018
Ion Ratio Lower Upper
142 100
127 47.9 38.0 57.0
141 13.5 12.0 18.0





#11
Tert butyl alcohol
Concen: 272.075 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

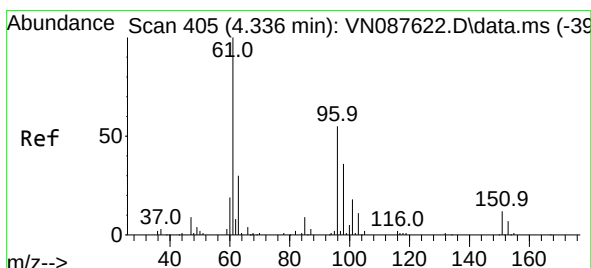
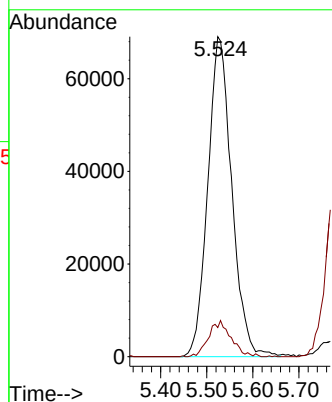
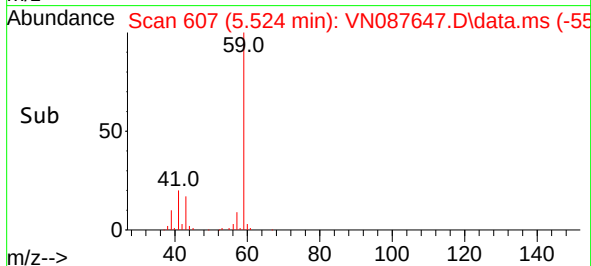
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



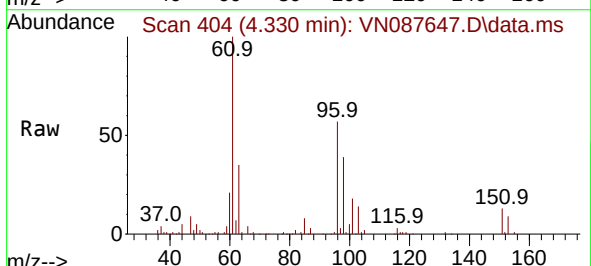
Tgt Ion: 59 Resp: 249610
Ion Ratio Lower Upper
59 100
57 10.4 9.0 13.4

Manual Integrations
APPROVED

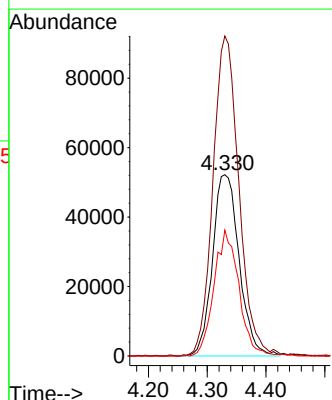
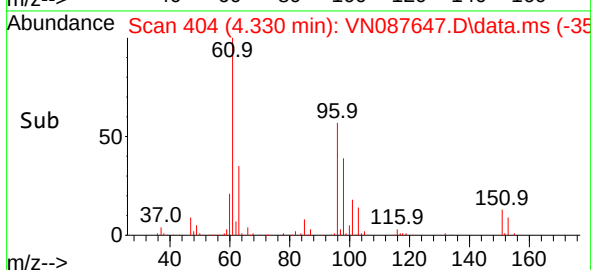
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

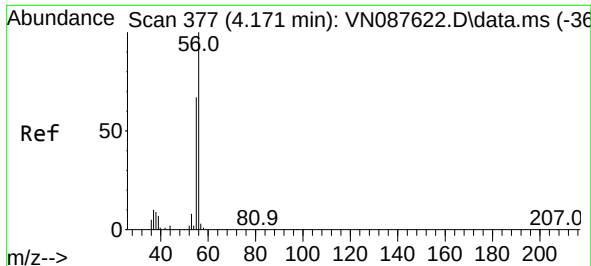


#12
1,1-Dichloroethene
Concen: 44.205 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



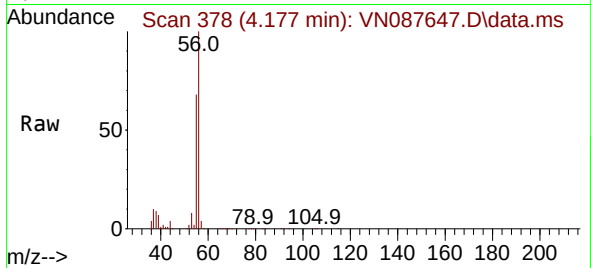
Tgt Ion: 96 Resp: 164383
Ion Ratio Lower Upper
96 100
61 176.5 143.8 215.8
98 69.4 52.1 78.1





#13
Acrolein
Concen: 337.068 ug/l
RT: 4.177 min Scan# 377
Delta R.T. 0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

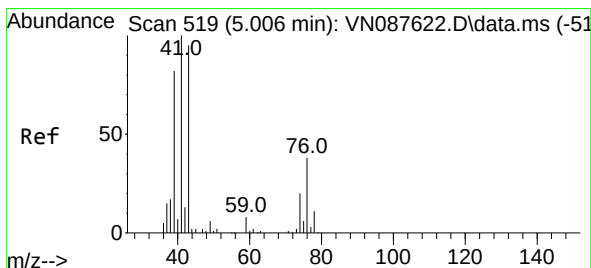
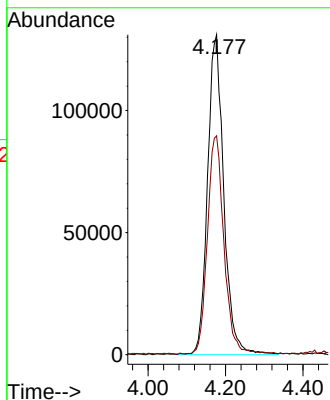
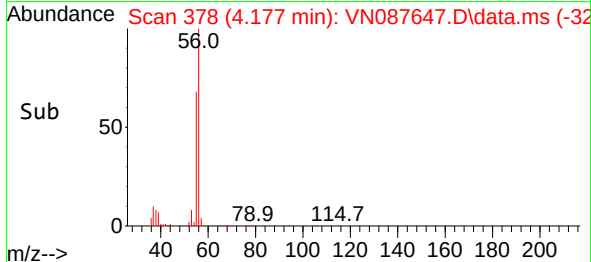
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 380160
Ion Ratio Lower Upper
56 100
55 69.4 57.3 85.9

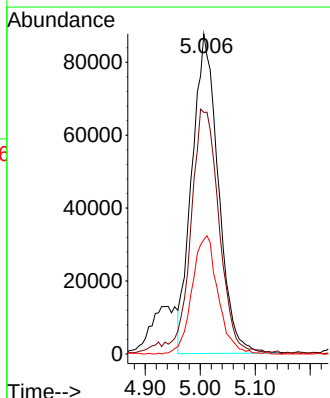
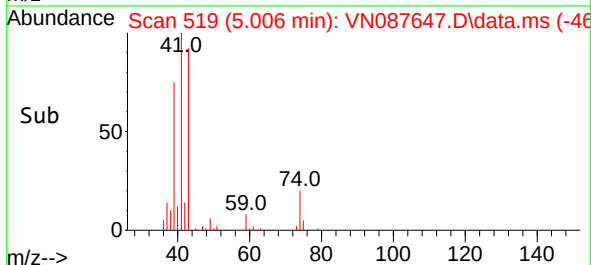
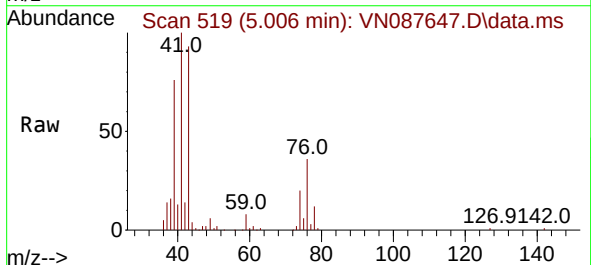
Manual Integrations
APPROVED

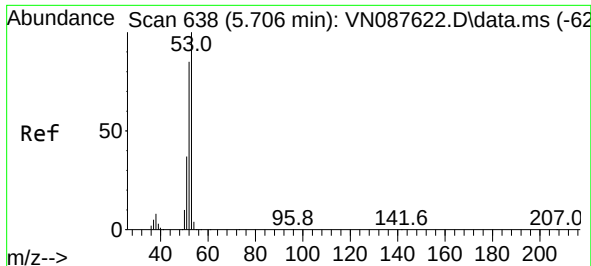
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#14
Allyl chloride
Concen: 43.218 ug/l
RT: 5.006 min Scan# 519
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

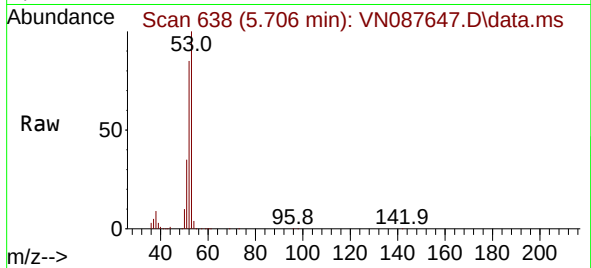
Tgt Ion: 41 Resp: 291237
Ion Ratio Lower Upper
41 100
39 80.3 63.9 95.9
76 36.5 28.1 42.1





#15
Acrylonitrile
Concen: 247.515 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

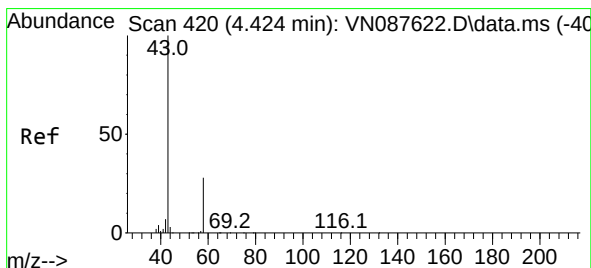
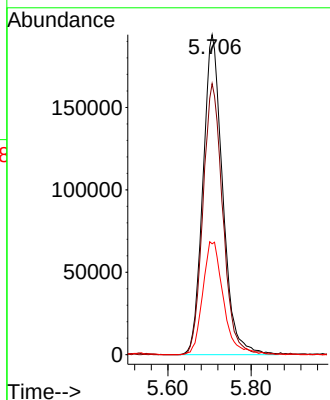
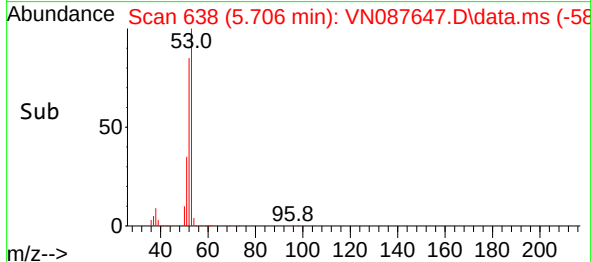
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 640415
Ion Ratio Lower Upper
53 100
52 84.8 67.6 101.4
51 37.1 30.1 45.1

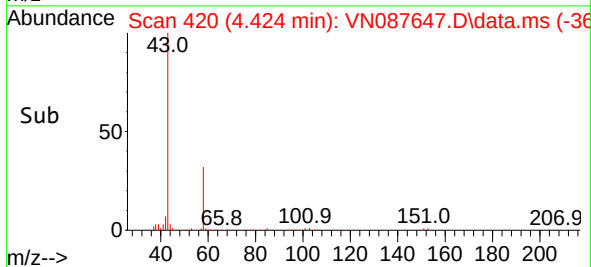
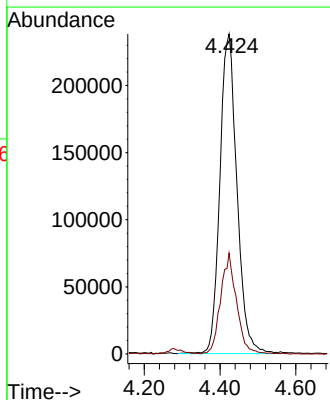
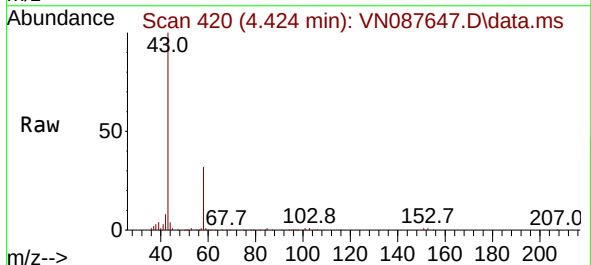
Manual Integrations
APPROVED

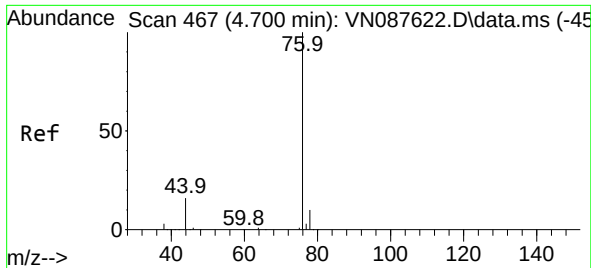
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#16
Acetone
Concen: 259.380 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

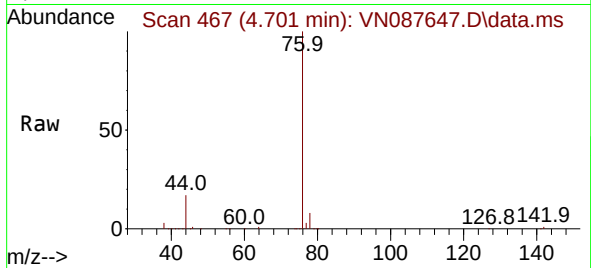
Tgt Ion: 43 Resp: 746179
Ion Ratio Lower Upper
43 100
58 31.4 22.6 33.8





#17
Carbon Disulfide
Concen: 45.810 ug/l
RT: 4.701 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

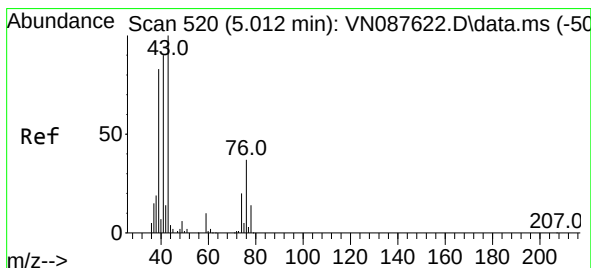
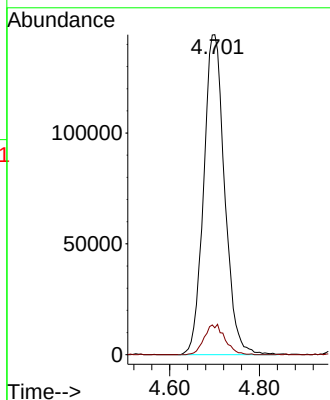
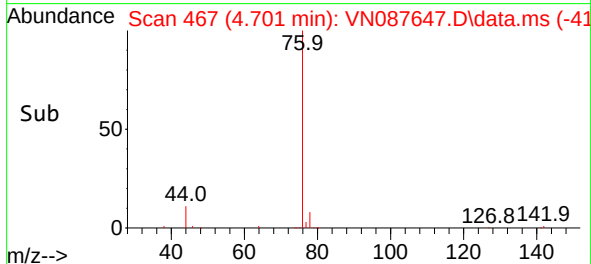
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 468979
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4

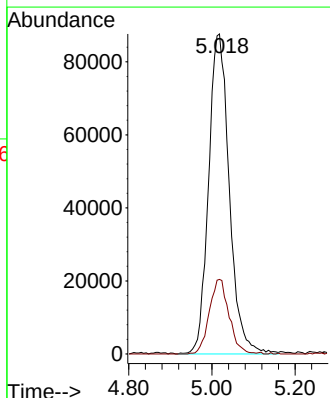
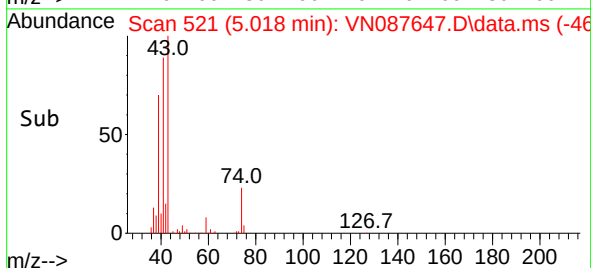
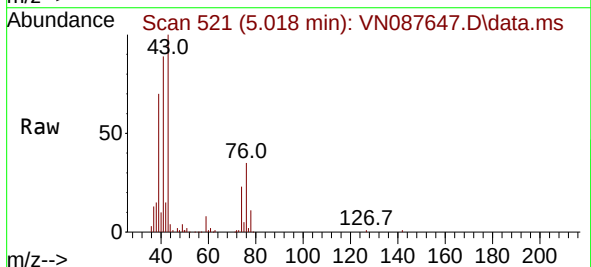
Manual Integrations
APPROVED

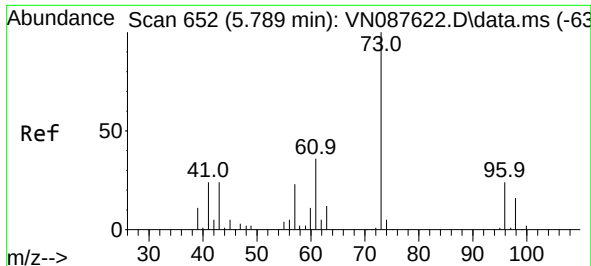
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#18
Methyl Acetate
Concen: 50.380 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

Tgt Ion: 43 Resp: 303456
Ion Ratio Lower Upper
43 100
74 22.1 17.6 26.4





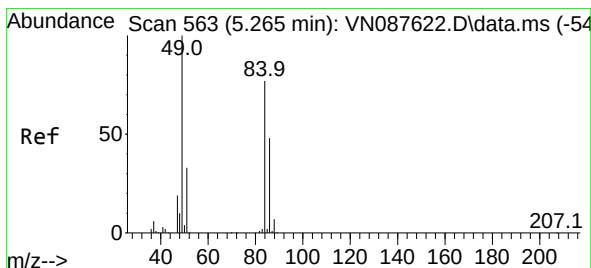
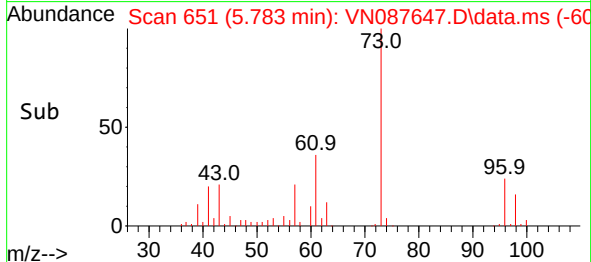
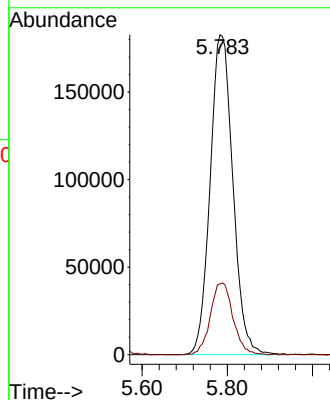
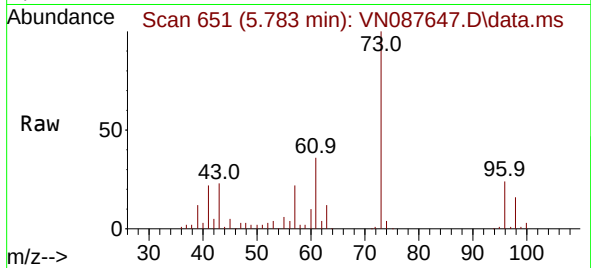
#19
Methyl tert-butyl Ether
Concen: 48.587 ug/l
RT: 5.783 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 67779
Ion Ratio Lower Upper
73 100
57 22.2 18.4 27.6

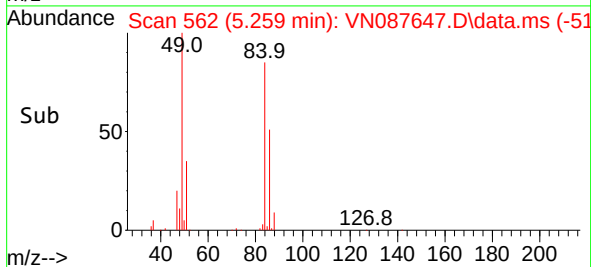
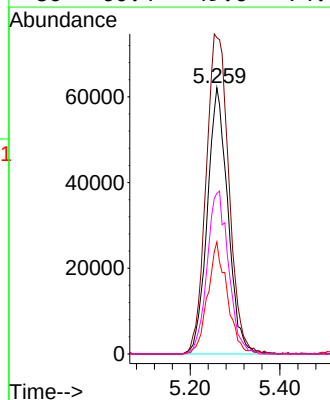
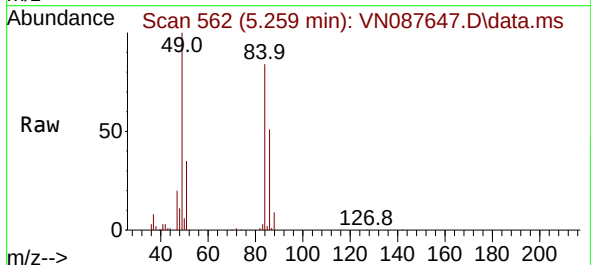
Manual Integrations
APPROVED

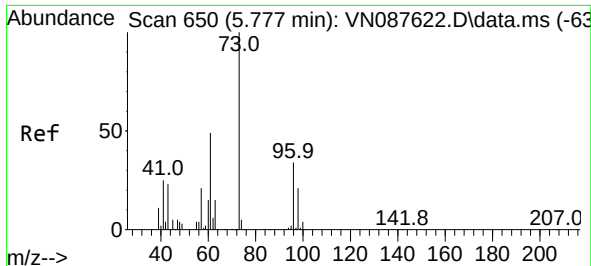
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#20
Methylene Chloride
Concen: 47.497 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

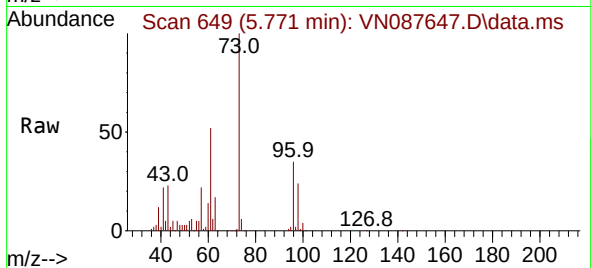
Tgt Ion: 84 Resp: 197897
Ion Ratio Lower Upper
84 100
49 118.8 103.4 155.2
51 42.1 33.8 50.8
86 60.4 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 44.085 ug/l
RT: 5.771 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

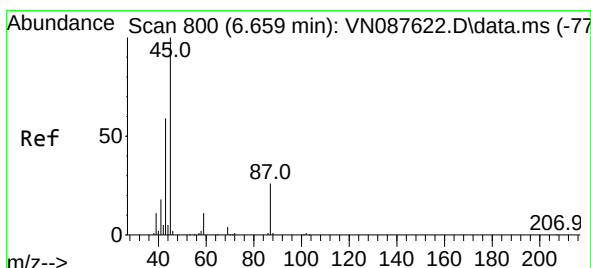
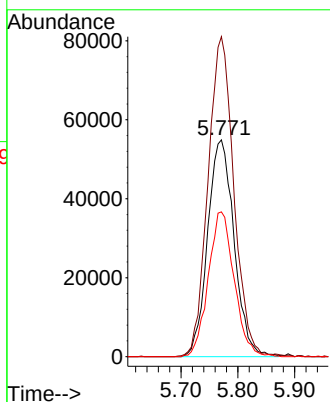
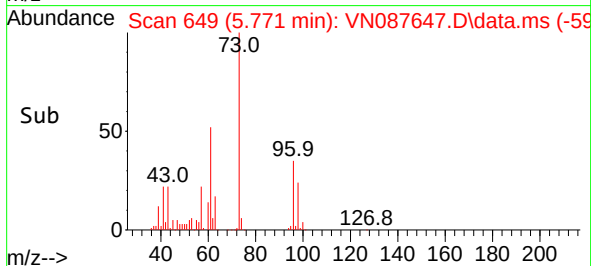
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



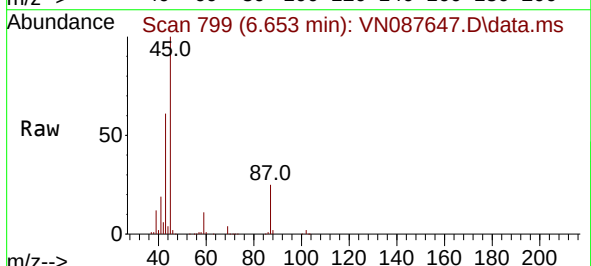
Tgt Ion: 96 Resp: 177674
Ion Ratio Lower Upper
96 100
61 147.3 118.0 177.0
98 66.8 50.0 75.0

Manual Integrations
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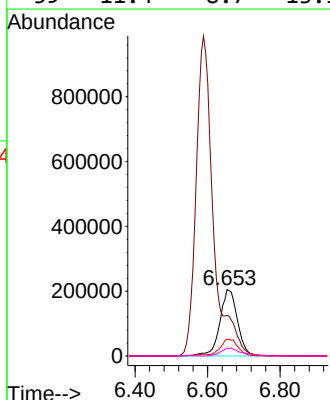
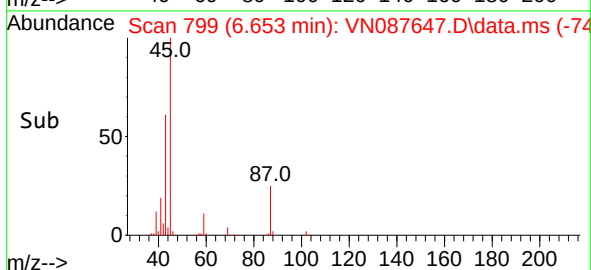
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

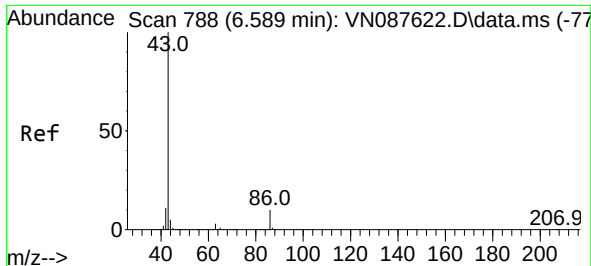


#22
Diisopropyl ether
Concen: 47.531 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



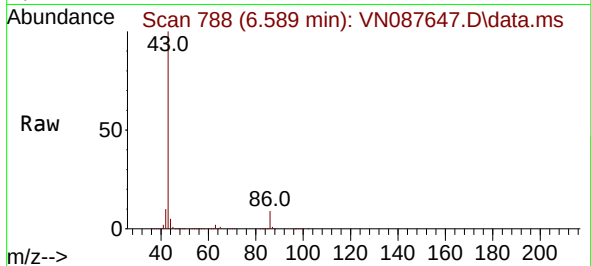
Tgt Ion: 45 Resp: 691207
Ion Ratio Lower Upper
45 100
43 60.8 47.7 71.5
87 25.4 21.4 32.0
59 11.4 8.7 13.1





#23
 Vinyl Acetate
 Concen: 245.457 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087647.D
 Acq: 25 Aug 2025 09:37

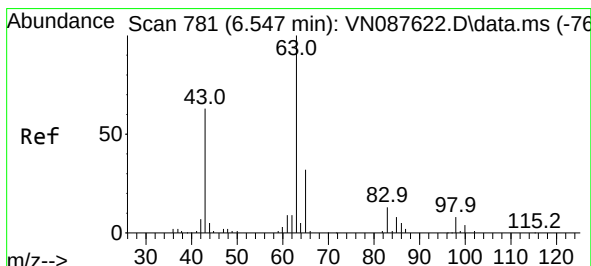
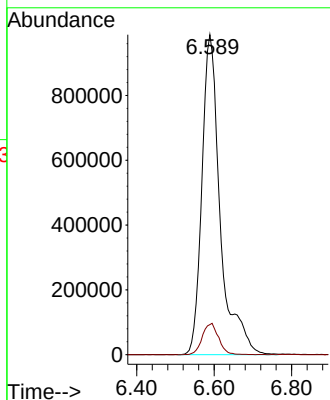
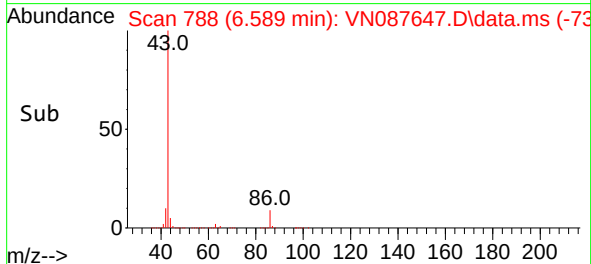
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



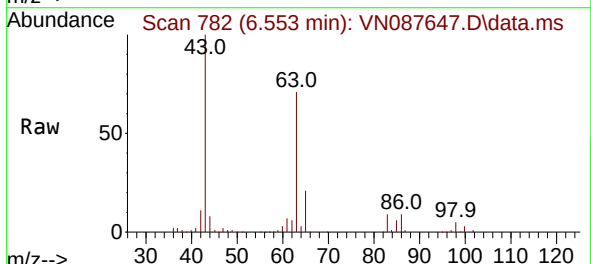
Tgt Ion: 43 Resp: 3247498
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.2 12.4

Manual Integrations
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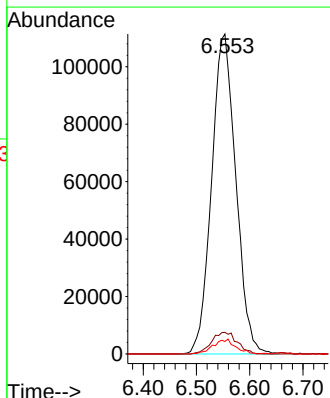
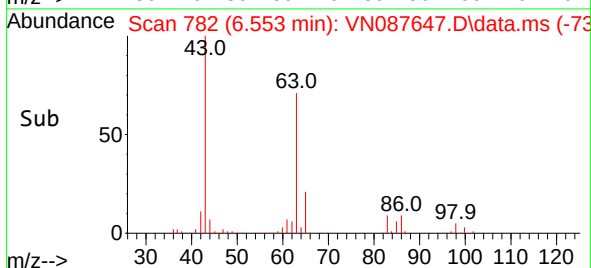
Reviewed By :John Carlone 08/26/2025
 Supervised By :Mahesh Dadoda 08/26/2025

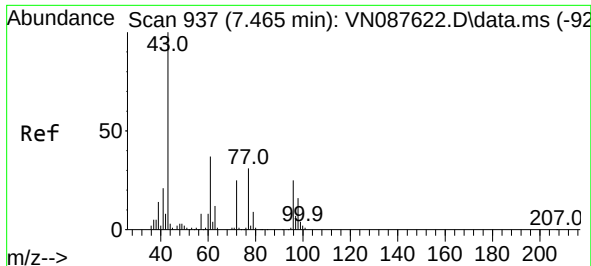


#24
 1,1-Dichloroethane
 Concen: 44.198 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087647.D
 Acq: 25 Aug 2025 09:37



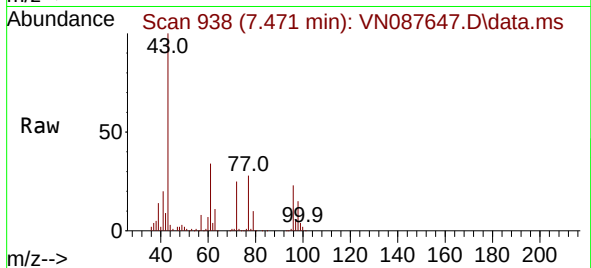
Tgt Ion: 63 Resp: 352404
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 3.9 2.0 6.0





#25
2-Butanone
Concen: 256.909 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

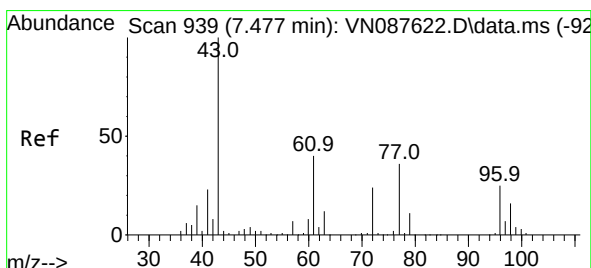
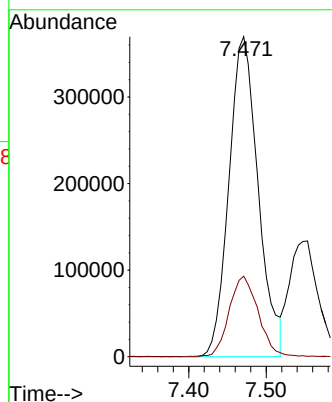
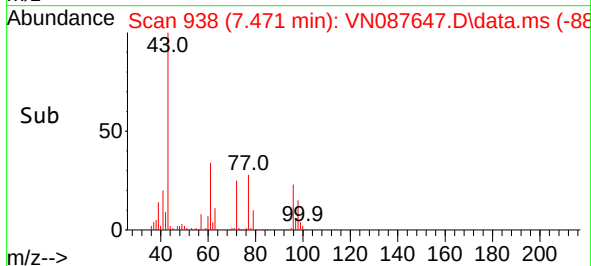
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 97234
Ion Ratio Lower Upper
43 100
72 25.2 19.9 29.9

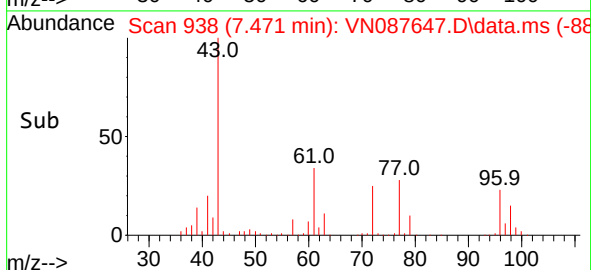
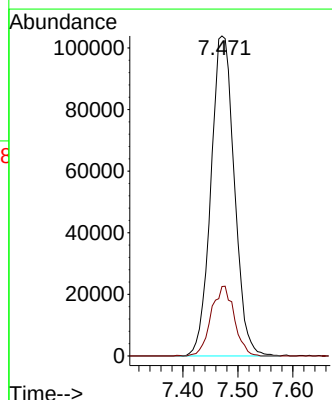
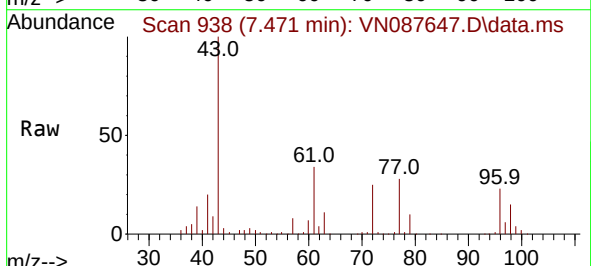
Manual Integrations
APPROVED

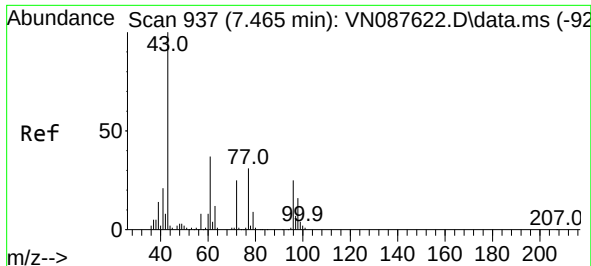
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#26
2,2-Dichloropropane
Concen: 44.980 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

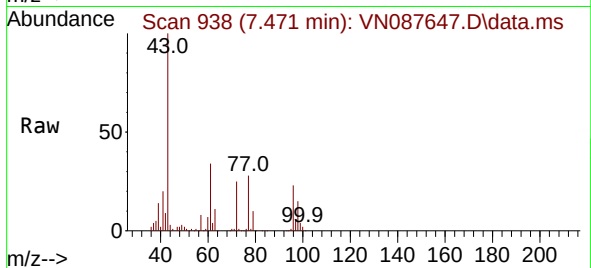
Tgt Ion: 77 Resp: 307817
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 45.332 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087647.D
 Acq: 25 Aug 2025 09:37

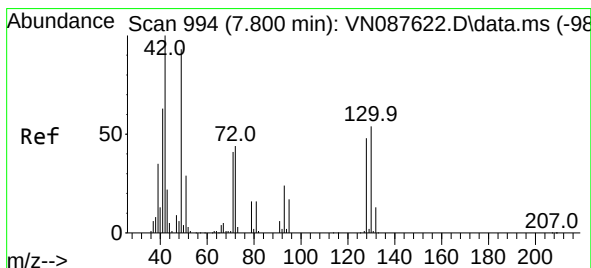
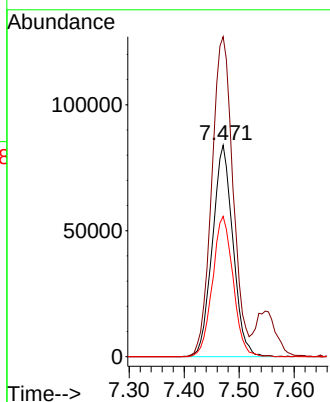
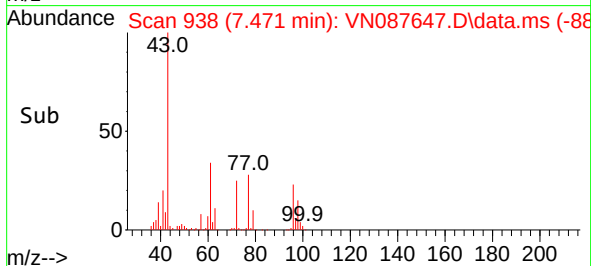
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 218414
 Ion Ratio Lower Upper
 96 100
 61 156.2 0.0 301.8
 98 66.5 0.0 126.2

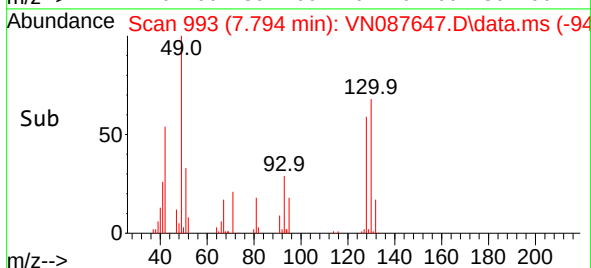
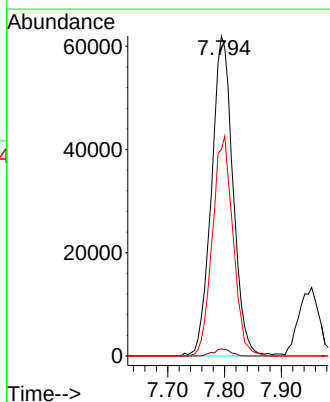
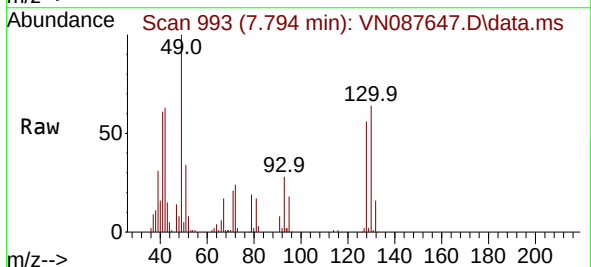
Manual Integrations
 APPROVED

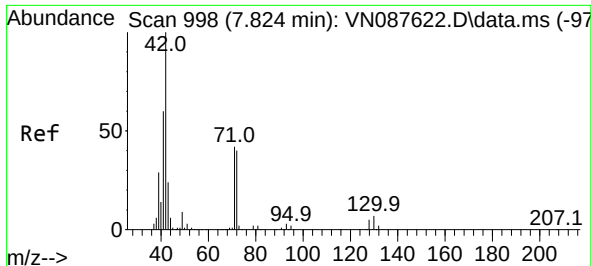
Reviewed By :John Carlone 08/26/2025
 Supervised By :Mahesh Dadoda 08/26/2025



#28
 Bromochloromethane
 Concen: 42.314 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087647.D
 Acq: 25 Aug 2025 09:37

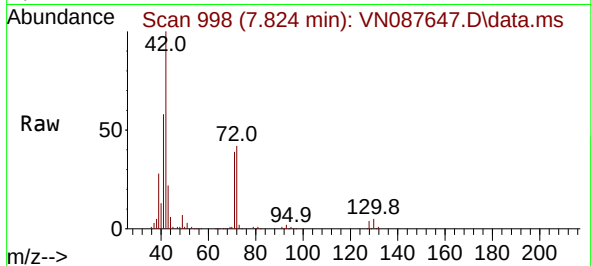
Tgt Ion: 49 Resp: 163107
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.0
 130 65.6 53.1 79.7





#29
Tetrahydrofuran
Concen: 249.751 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

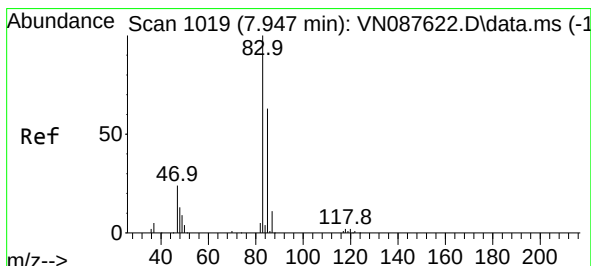
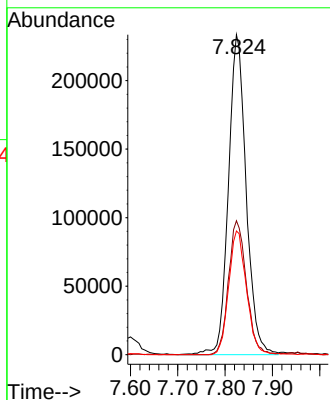
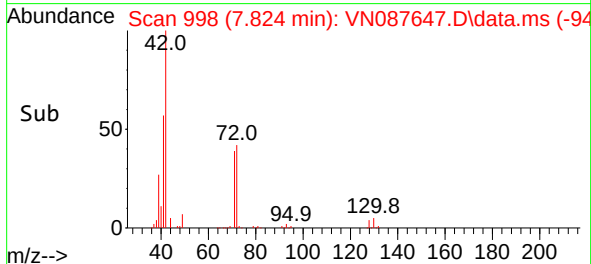
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



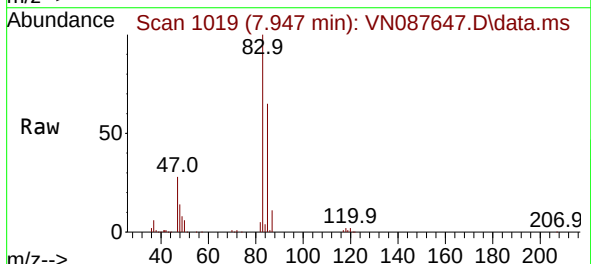
Tgt Ion: 42 Resp: 60832
Ion Ratio Lower Upper
42 100
72 42.3 33.7 50.5
71 38.8 31.9 47.9

Manual Integrations
APPROVED

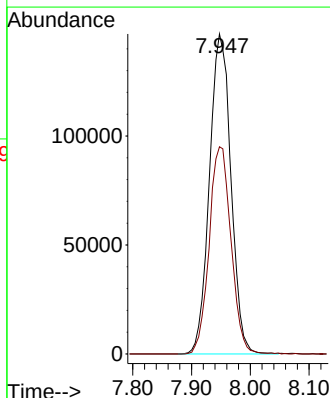
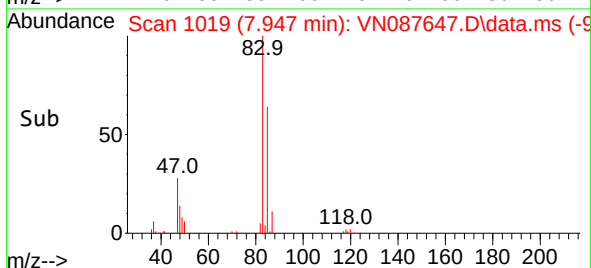
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

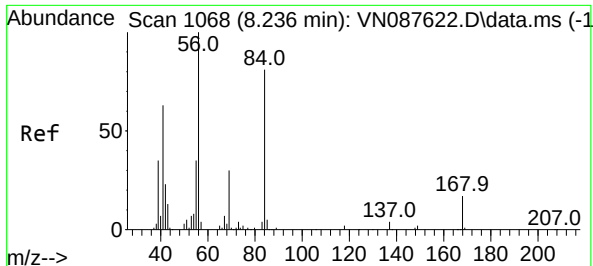


#30
Chloroform
Concen: 45.762 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



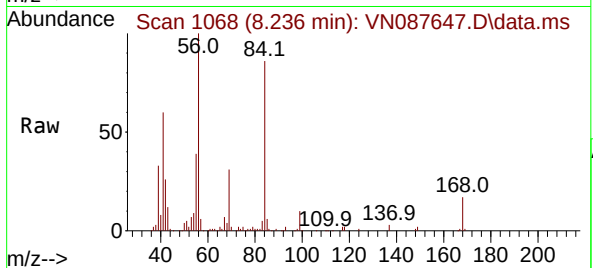
Tgt Ion: 83 Resp: 372430
Ion Ratio Lower Upper
83 100
85 64.8 50.7 76.1





#31
Cyclohexane
Concen: 44.127 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

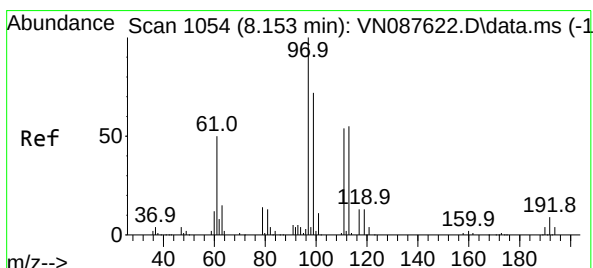
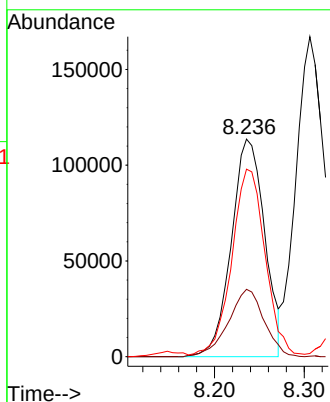
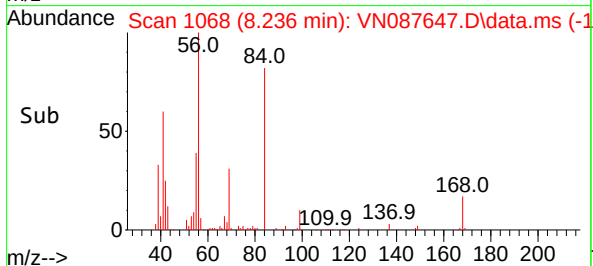
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



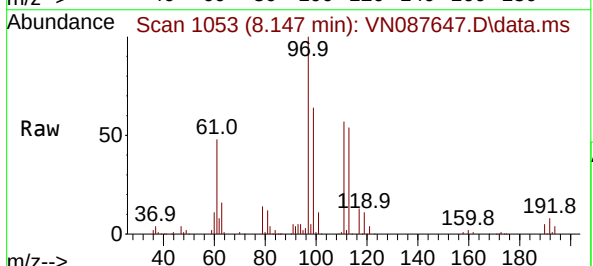
Tgt Ion: 56 Resp: 293315
Ion Ratio Lower Upper
56 100
69 30.3 23.7 35.5
84 84.4 64.7 97.1

Manual Integrations
APPROVED

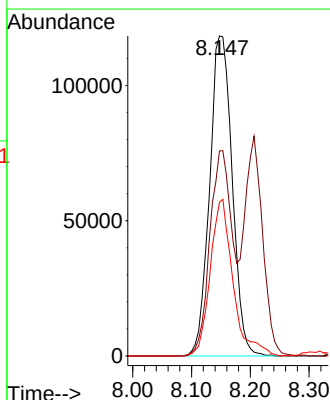
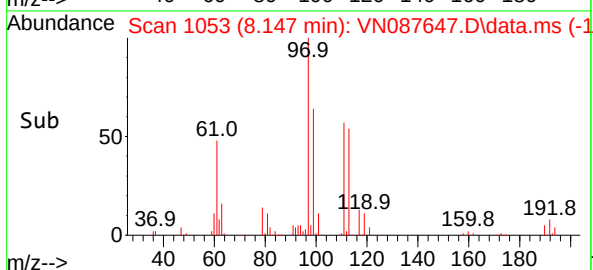
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

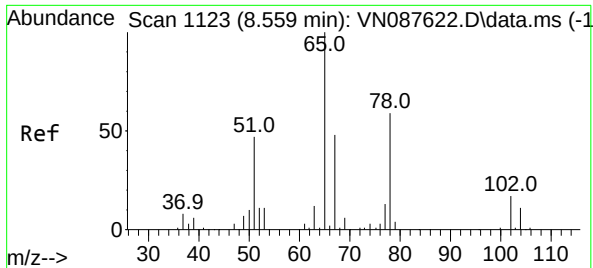


#32
1,1,1-Trichloroethane
Concen: 45.805 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



Tgt Ion: 97 Resp: 315914
Ion Ratio Lower Upper
97 100
99 62.3 52.2 78.2
61 49.5 41.2 61.8





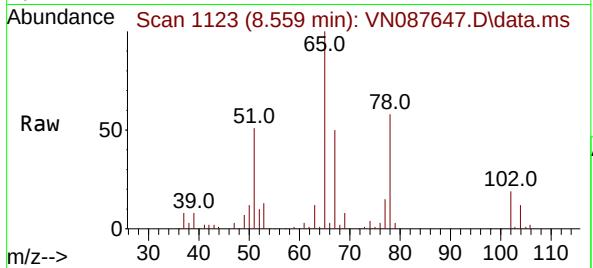
#33
 1,2-Dichloroethane-d4
 Concen: 43.079 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. 0.000 min
 Lab File: VN087647.D
 Acq: 25 Aug 2025 09:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



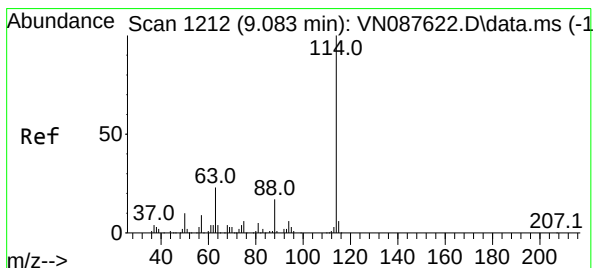
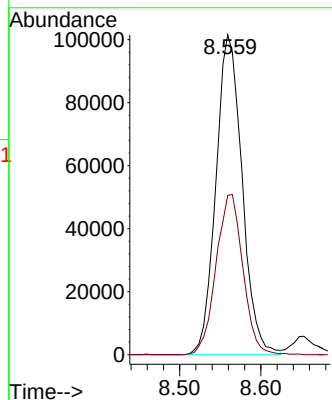
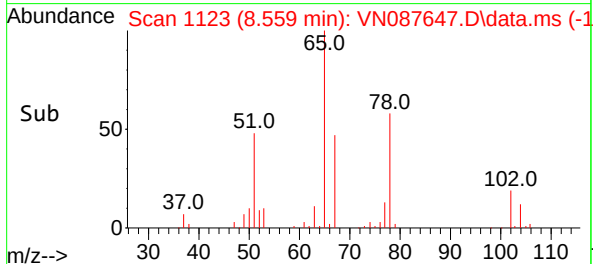
Tgt Ion: 65 Resp: 22765
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.0

Manual Integrations

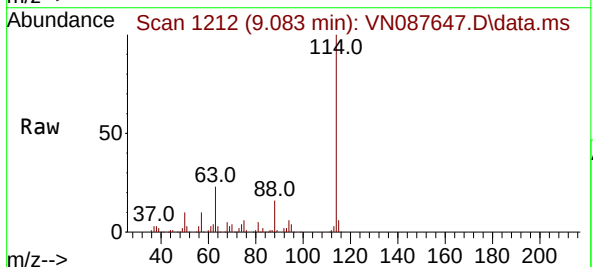
APPROVED

Reviewed By :John Carlone 08/26/2025

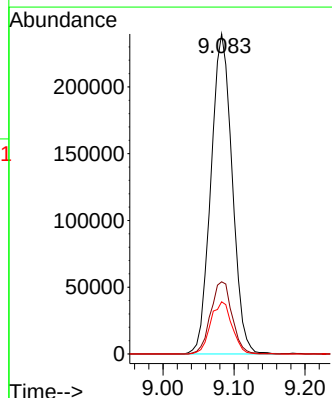
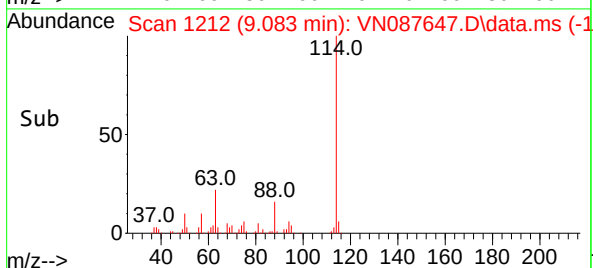
Supervised By :Mahesh Dadoda 08/26/2025

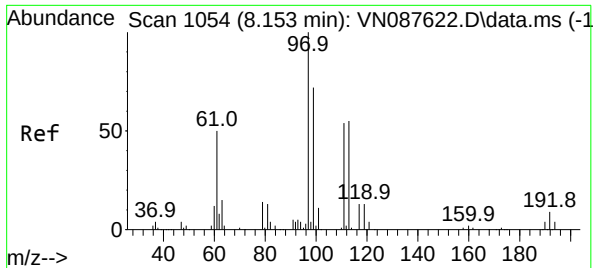


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.083 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087647.D
 Acq: 25 Aug 2025 09:37



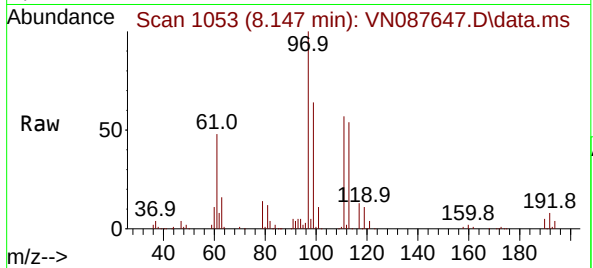
Tgt Ion:114 Resp: 497405
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.2
 88 16.3 0.0 33.4





#35
Dibromofluoromethane
Concen: 44.007 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

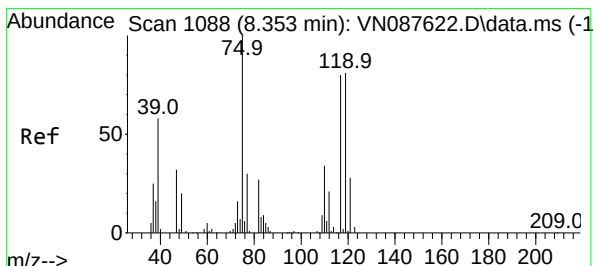
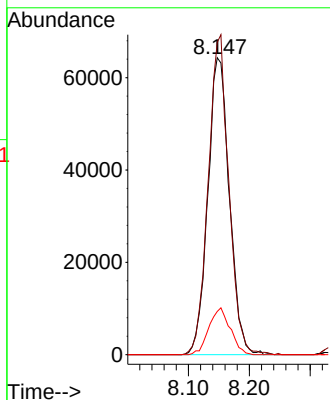
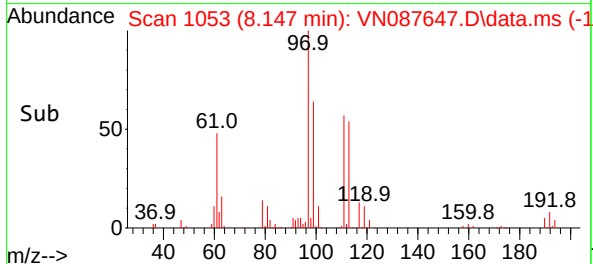
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



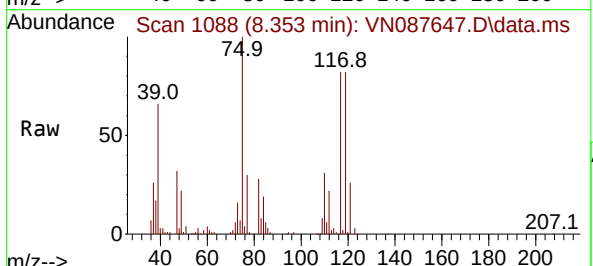
Tgt Ion: 113 Resp: 158040
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 15.6 12.8 19.2

Manual Integrations
APPROVED

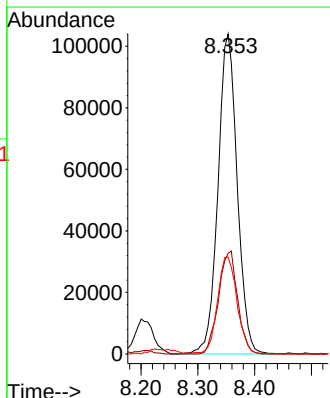
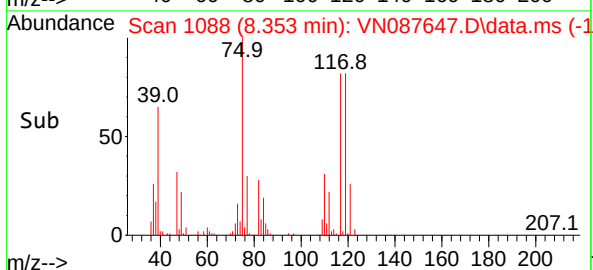
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

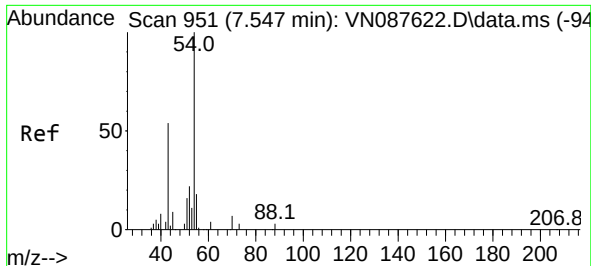


#36
1,1-Dichloropropene
Concen: 44.453 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



Tgt Ion: 75 Resp: 244912
Ion Ratio Lower Upper
75 100
110 31.9 15.9 47.6
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 46.537 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087647.D

Acq: 25 Aug 2025 09:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 350352

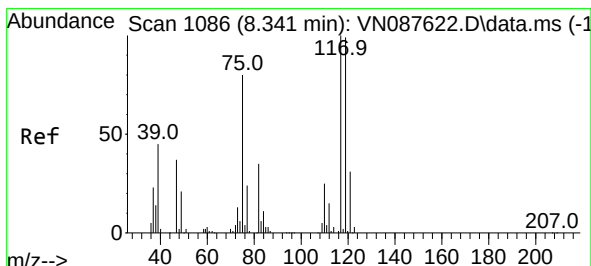
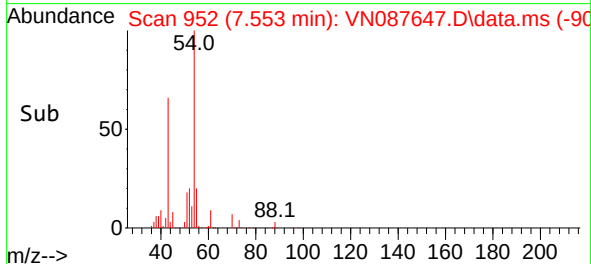
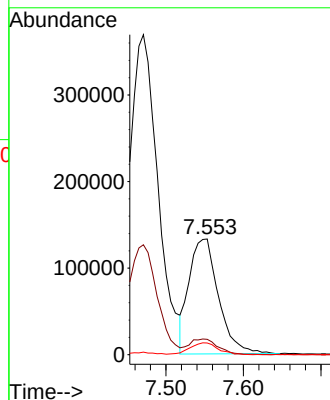
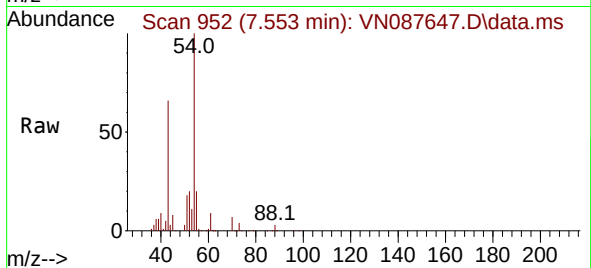
Ion	Ratio	Lower	Upper
43	100		
61	13.7	9.3	13.9
70	10.0	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#38

Carbon Tetrachloride

Concen: 47.766 ug/l

RT: 8.341 min Scan# 1086

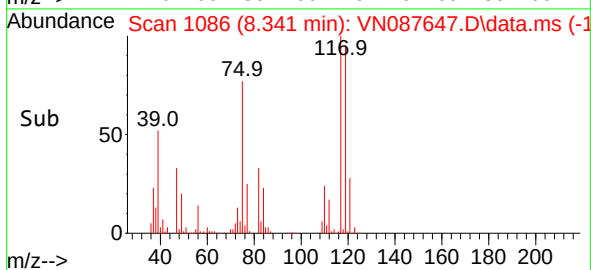
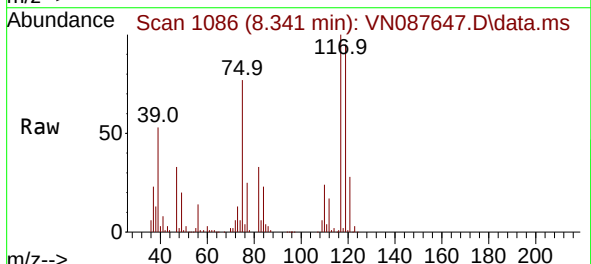
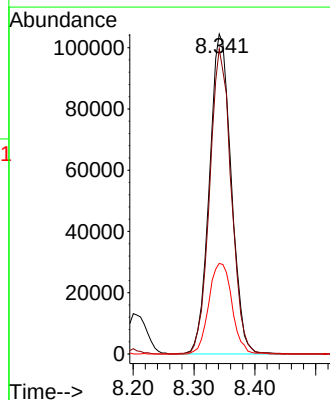
Delta R.T. 0.000 min

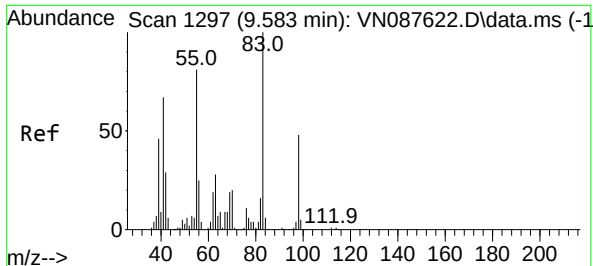
Lab File: VN087647.D

Acq: 25 Aug 2025 09:37

Tgt Ion:117 Resp: 259829

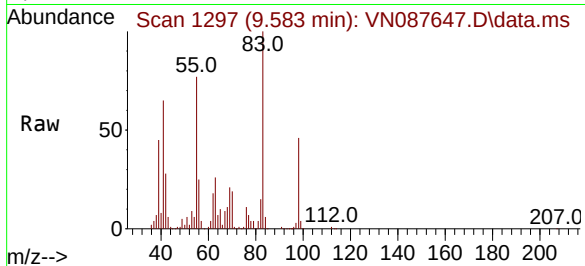
Ion	Ratio	Lower	Upper
117	100		
119	95.1	79.0	118.6
121	28.3	25.0	37.6





#39
Methylcyclohexane
Concen: 47.436 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

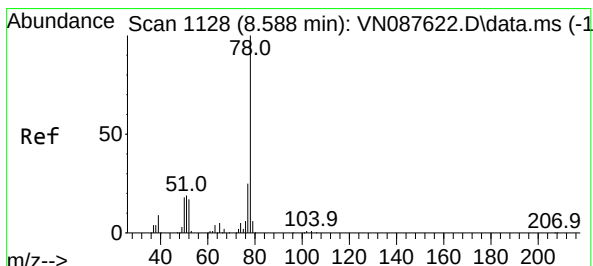
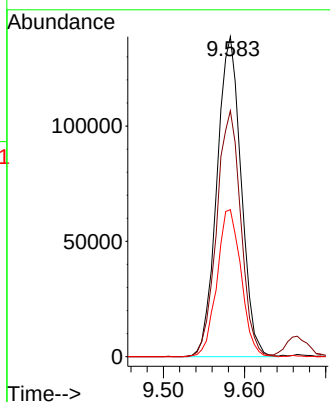
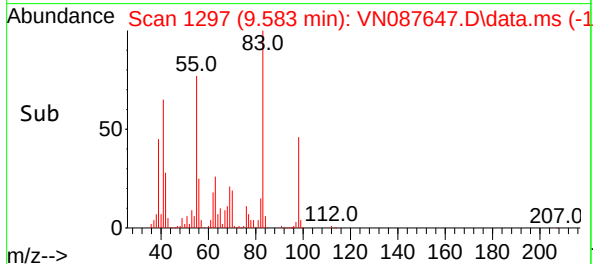
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



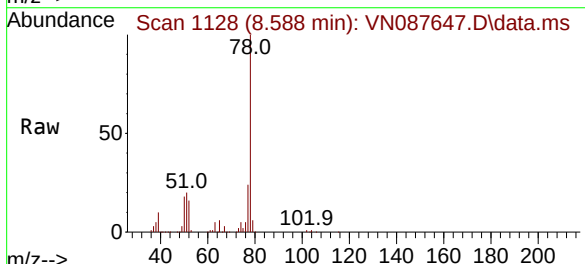
Tgt Ion: 83 Resp: 287729
Ion Ratio Lower Upper
83 100
55 76.8 64.6 96.8
98 45.9 38.4 57.6

Manual Integrations
APPROVED

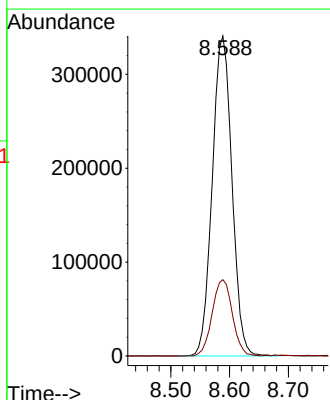
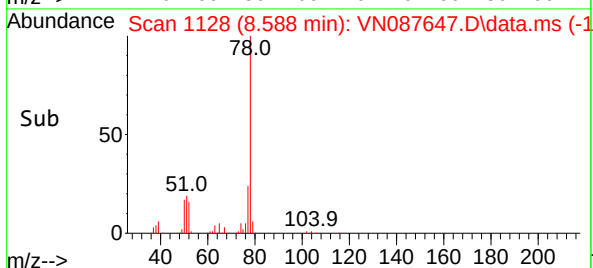
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

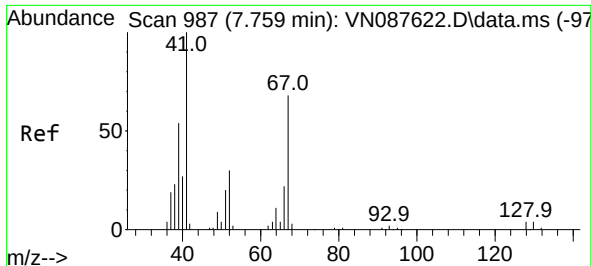


#40
Benzene
Concen: 46.970 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



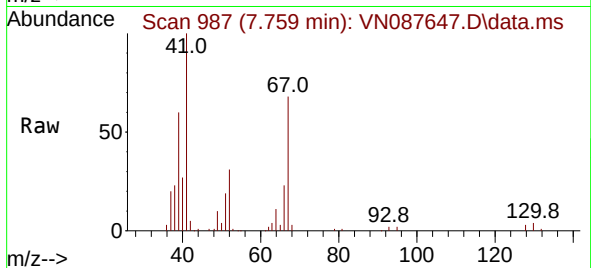
Tgt Ion: 78 Resp: 793712
Ion Ratio Lower Upper
78 100
77 23.9 19.7 29.5





#41
Methacrylonitrile
Concen: 48.966 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

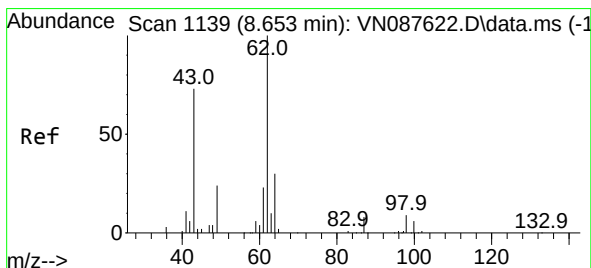
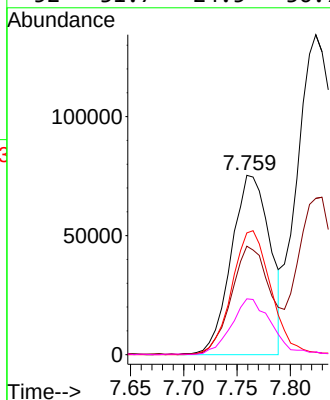
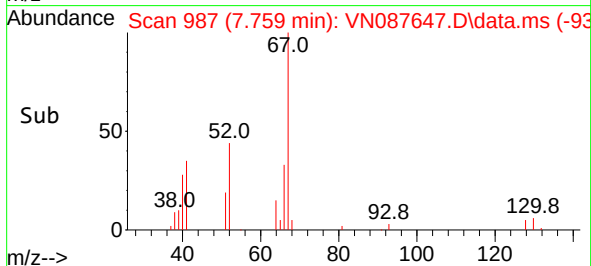
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



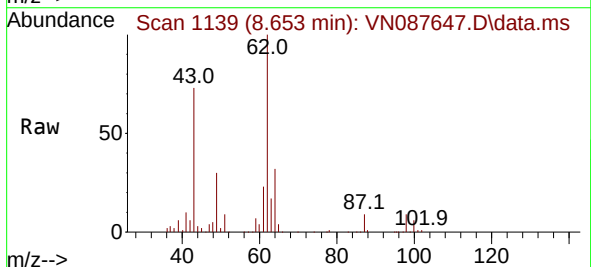
Tgt Ion: 41 Resp: 190958
Ion Ratio Lower Upper
41 100
39 62.1 45.4 68.0
67 70.1 55.3 82.9
52 31.7 24.5 36.7

Manual Integrations
APPROVED

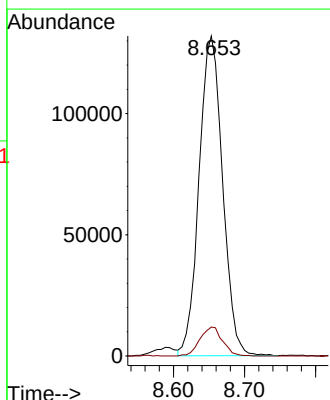
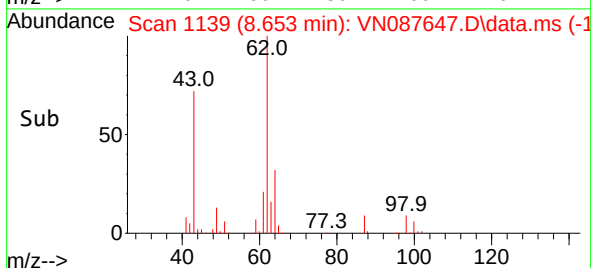
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

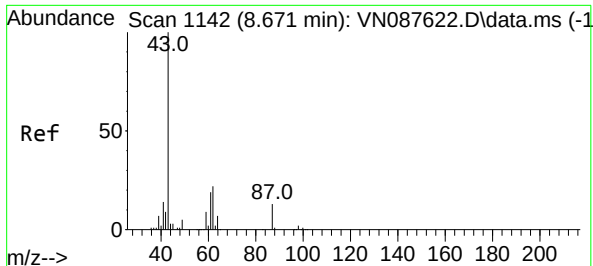


#42
1,2-Dichloroethane
Concen: 46.778 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



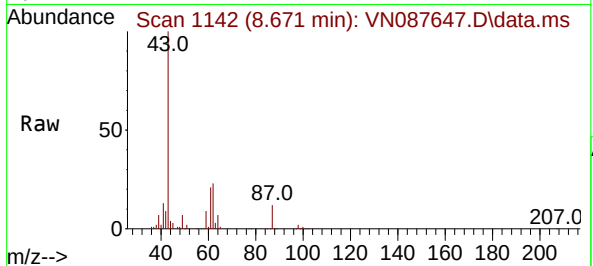
Tgt Ion: 62 Resp: 303758
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.4





#43
Isopropyl Acetate
Concen: 50.875 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

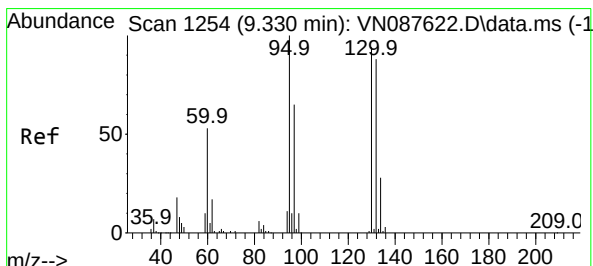
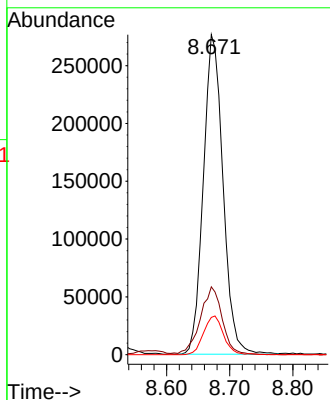
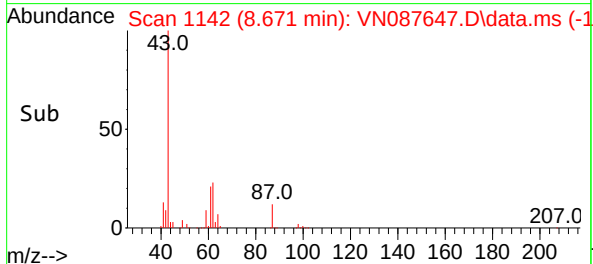
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 59798
Ion Ratio Lower Upper
43 100
61 23.8 18.8 28.2
87 12.1 9.6 14.4

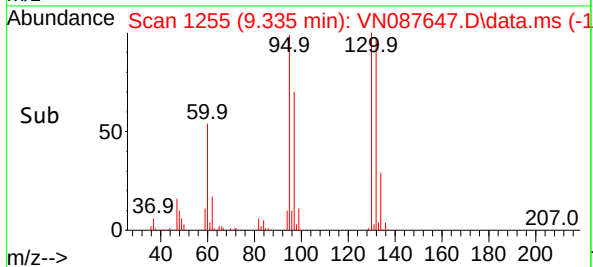
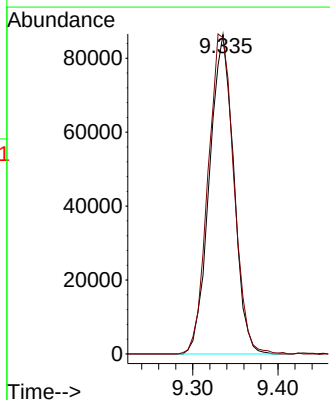
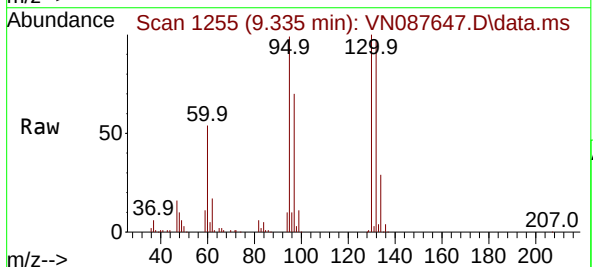
Manual Integrations
APPROVED

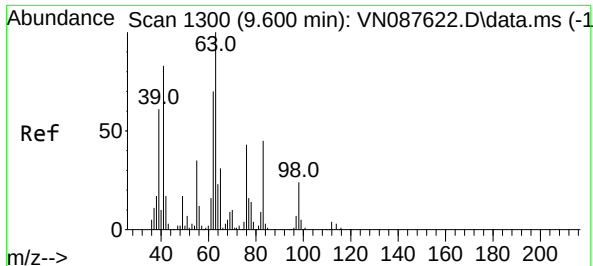
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#44
Trichloroethene
Concen: 44.470 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

Tgt Ion:130 Resp: 171566
Ion Ratio Lower Upper
130 100
95 99.0 0.0 212.0





#45

1,2-Dichloropropane

Concen: 46.068 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087647.D

Acq: 25 Aug 2025 09:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 20519

Ion Ratio Lower Upper

63 100

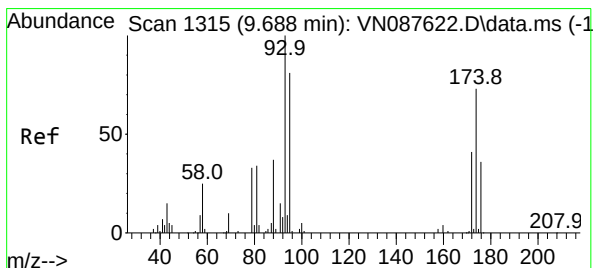
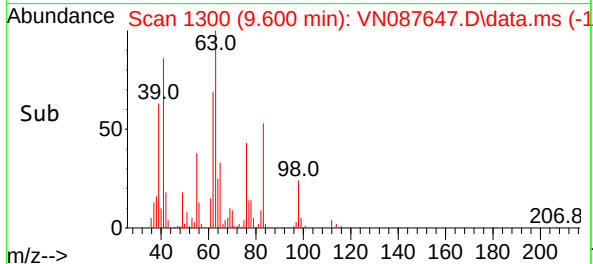
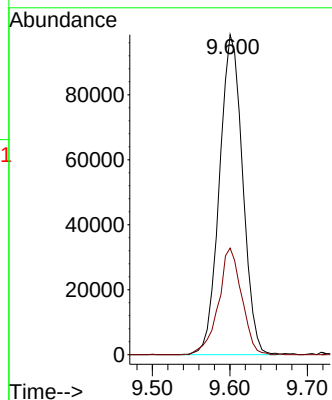
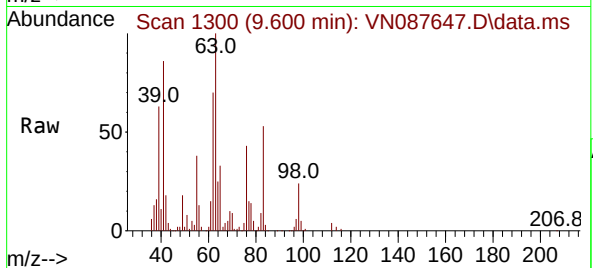
65 33.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#46

Dibromomethane

Concen: 47.738 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087647.D

Acq: 25 Aug 2025 09:37

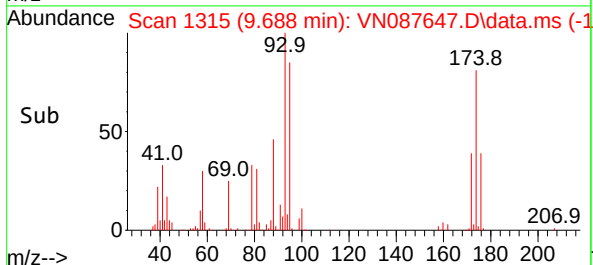
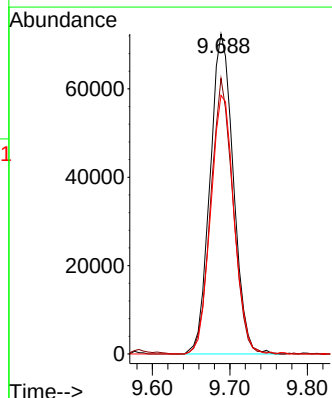
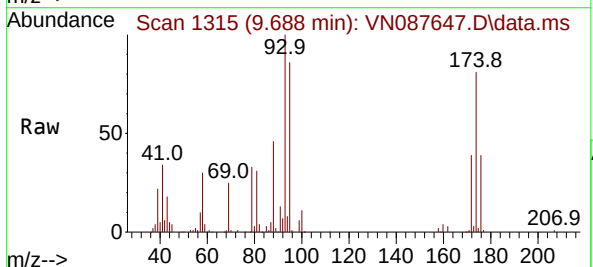
Tgt Ion: 93 Resp: 151314

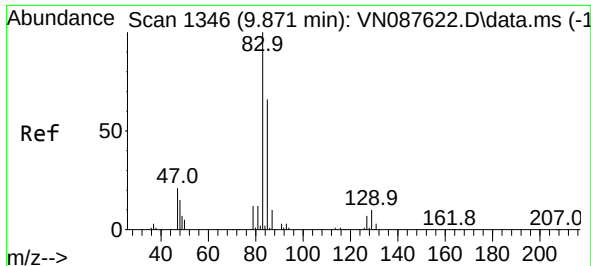
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.4

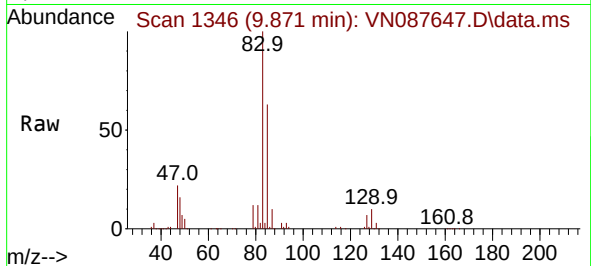
174 81.2 63.4 95.2





#47
Bromodichloromethane
Concen: 47.735 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

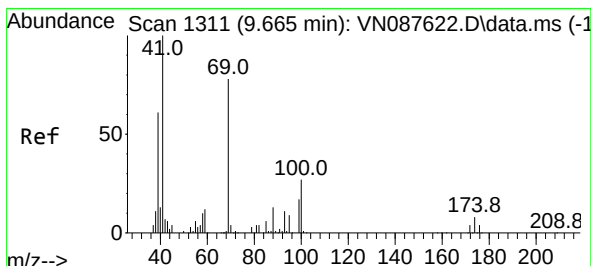
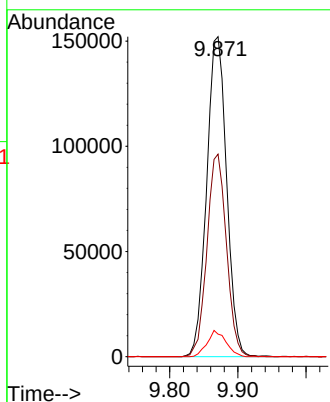
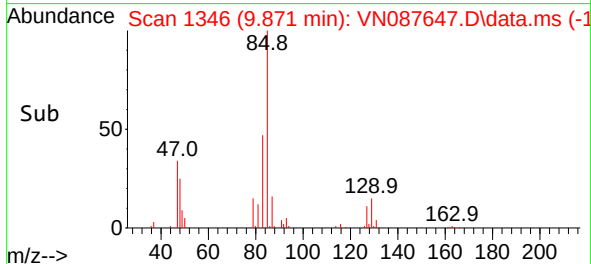
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



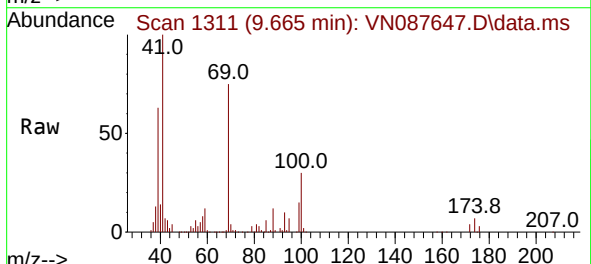
Tgt Ion: 83 Resp: 31093
Ion Ratio Lower Upper
83 100
85 63.3 52.5 78.7
127 7.1 5.8 8.6

Manual Integrations
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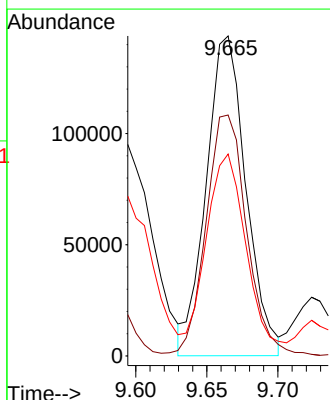
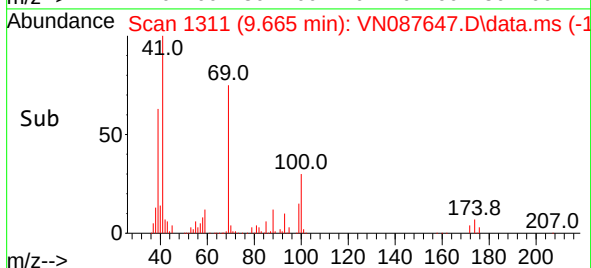
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

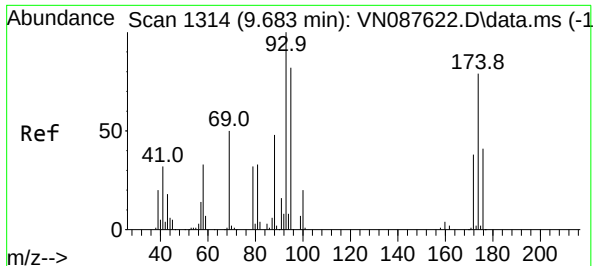


#48
Methyl methacrylate
Concen: 50.334 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



Tgt Ion: 41 Resp: 279845
Ion Ratio Lower Upper
41 100
69 76.9 62.7 94.1
39 64.9 52.9 79.3





#49

1,4-Dioxane

Concen: 1168.809 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087647.D

Acq: 25 Aug 2025 09:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

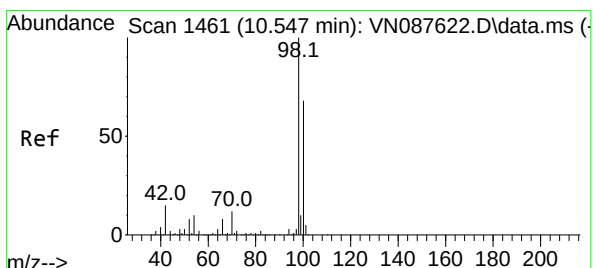
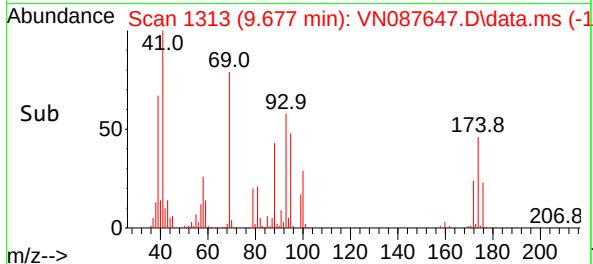
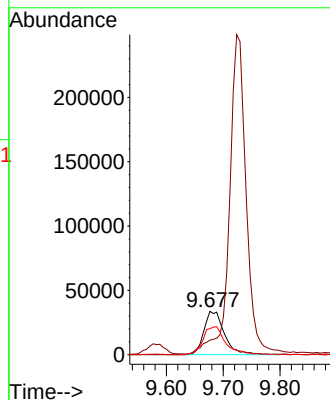
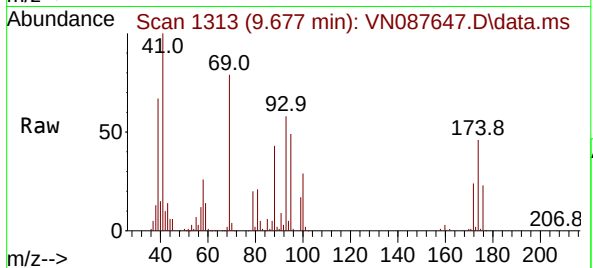
Tgt Ion: 88 Resp: 84220
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 71.2 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#50

Toluene-d8

Concen: 43.178 ug/l

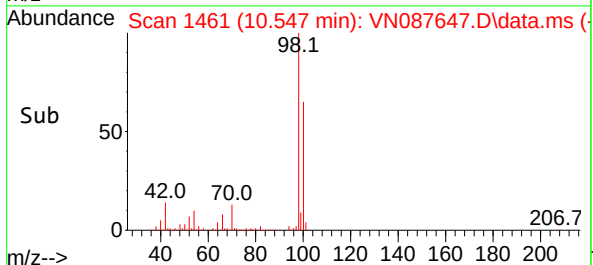
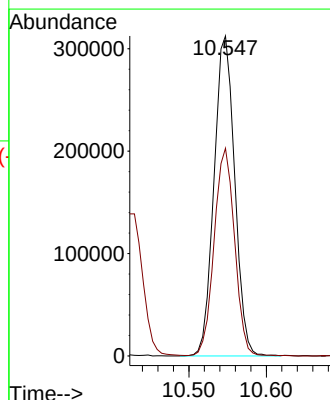
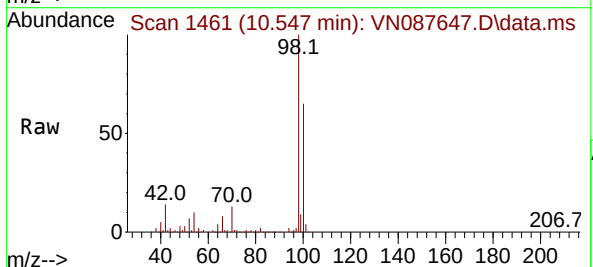
RT: 10.547 min Scan# 1461

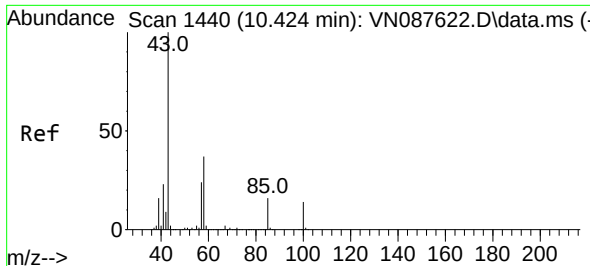
Delta R.T. 0.000 min

Lab File: VN087647.D

Acq: 25 Aug 2025 09:37

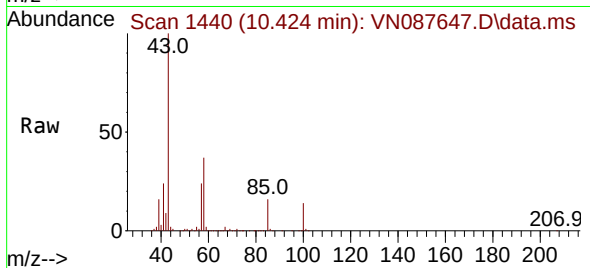
Tgt Ion: 98 Resp: 580370
 Ion Ratio Lower Upper
 98 100
 100 64.2 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 258.798 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

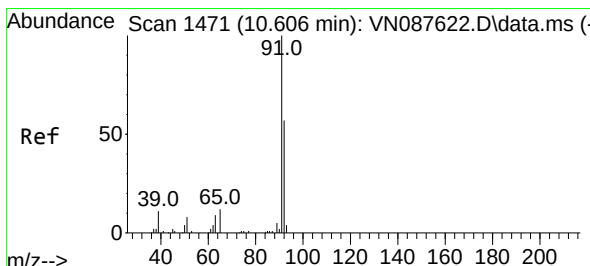
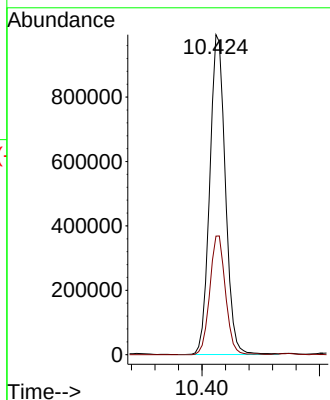
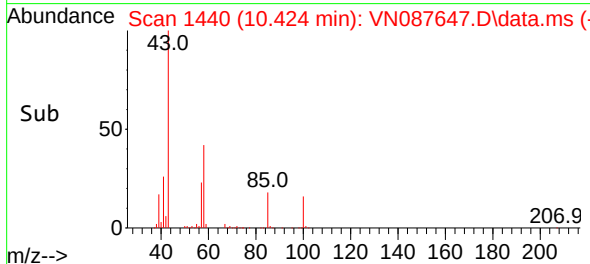
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 183531
Ion Ratio Lower Upper
43 100
58 37.3 29.6 44.4

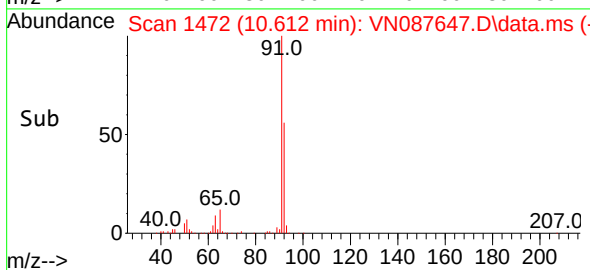
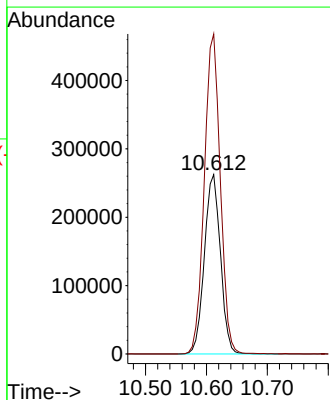
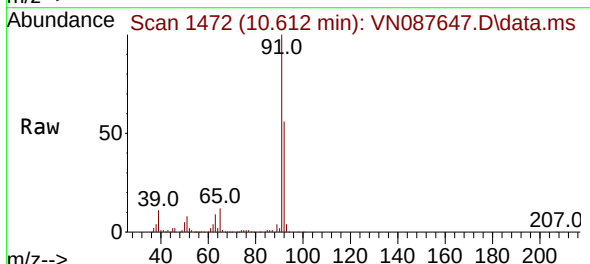
Manual Integrations
APPROVED

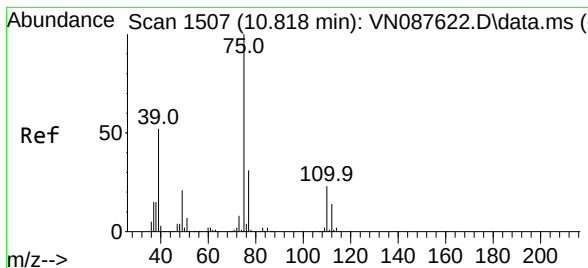
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#52
Toluene
Concen: 45.852 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

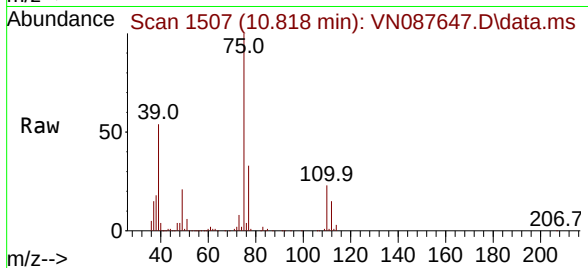
Tgt Ion: 92 Resp: 480342
Ion Ratio Lower Upper
92 100
91 177.6 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 49.262 ug/l
RT: 10.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

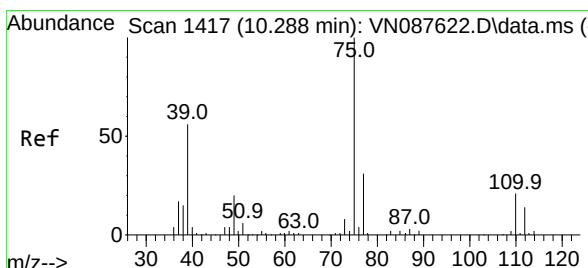
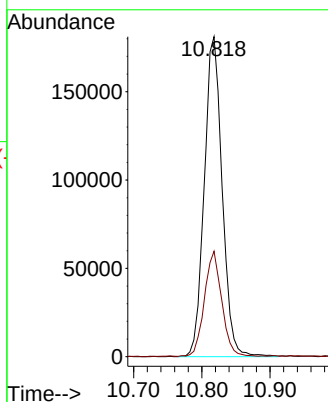
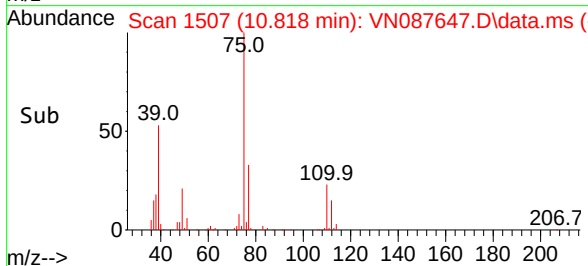
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



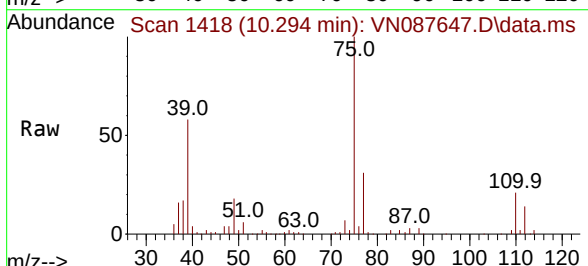
Tgt Ion: 75 Resp: 33124
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8

Manual Integrations
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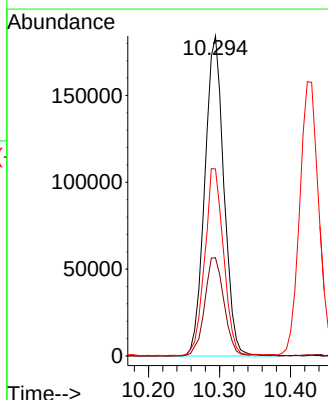
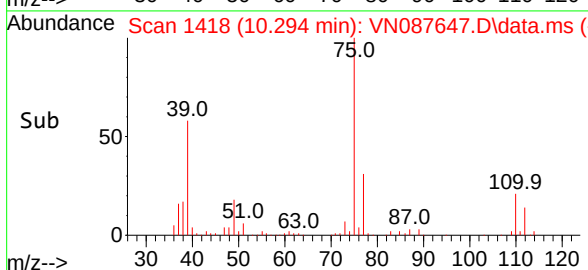
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

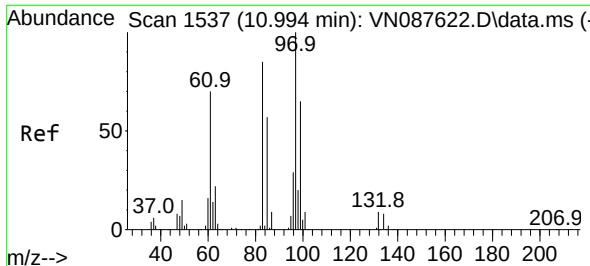


#54
cis-1,3-Dichloropropene
Concen: 49.361 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



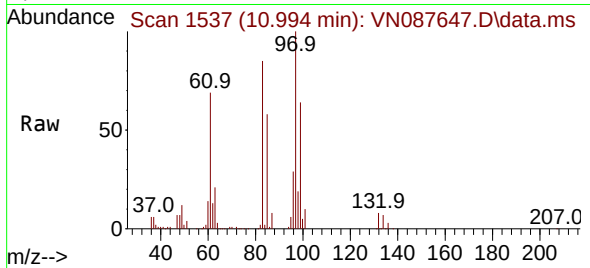
Tgt Ion: 75 Resp: 344631
Ion Ratio Lower Upper
75 100
77 30.6 24.6 37.0
39 58.3 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 49.762 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

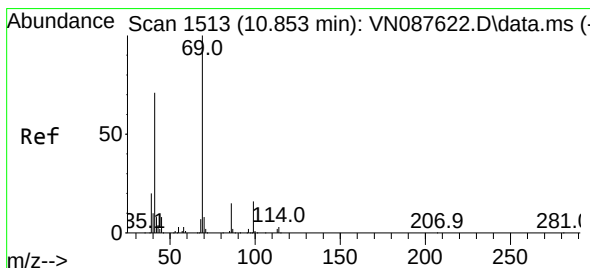
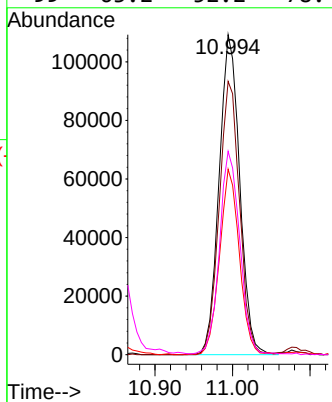
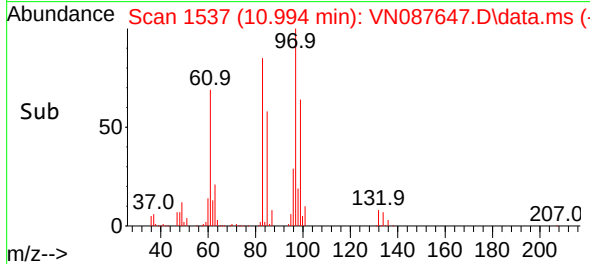
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



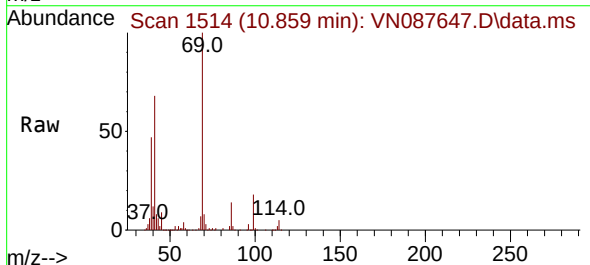
Tgt Ion: 97 Resp: 201664
Ion Ratio Lower Upper
97 100
83 85.4 68.2 102.4
85 58.0 45.5 68.3
99 63.2 52.2 78.4

Manual Integrations
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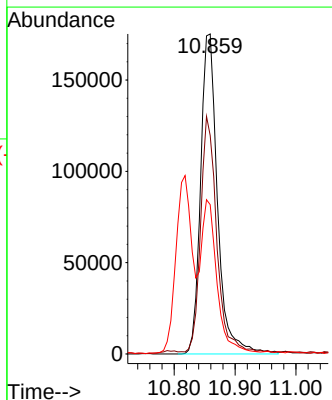
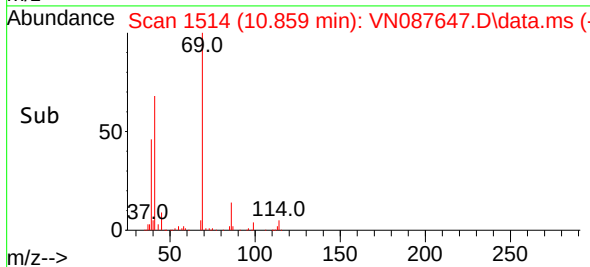
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

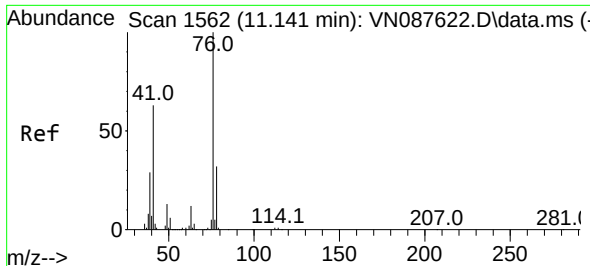


#56
Ethyl methacrylate
Concen: 52.374 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



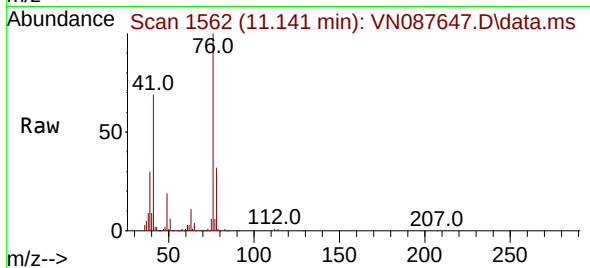
Tgt Ion: 69 Resp: 339203
Ion Ratio Lower Upper
69 100
41 69.8 56.5 84.7
39 44.9 34.2 51.4





#57
1,3-Dichloropropane
Concen: 47.931 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

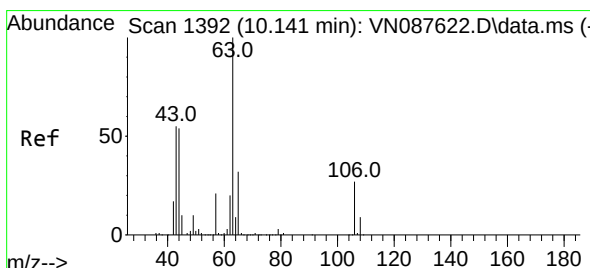
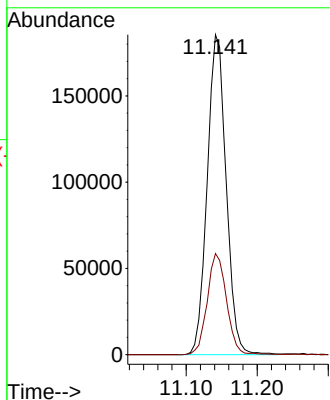
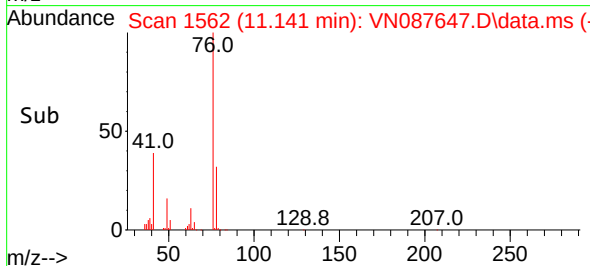
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



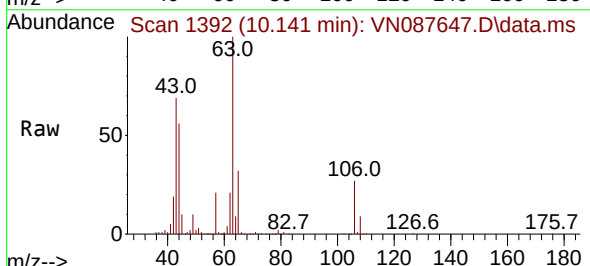
Tgt Ion: 76 Resp: 343765
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4

Manual Integrations
APPROVED

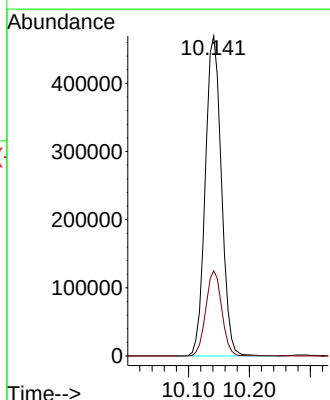
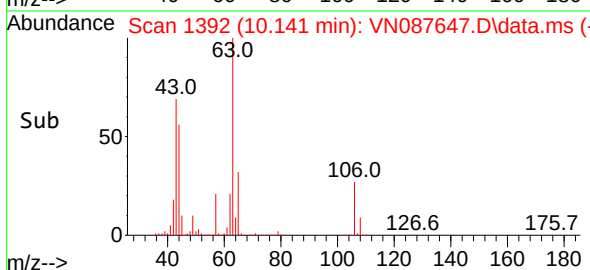
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

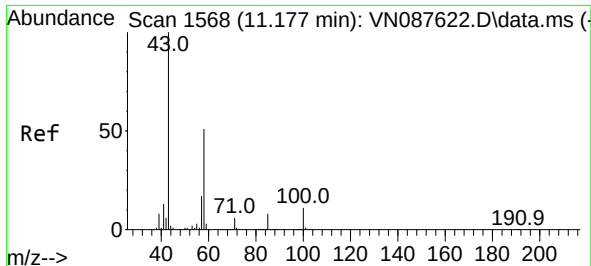


#58
2-Chloroethyl Vinyl ether
Concen: 246.151 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



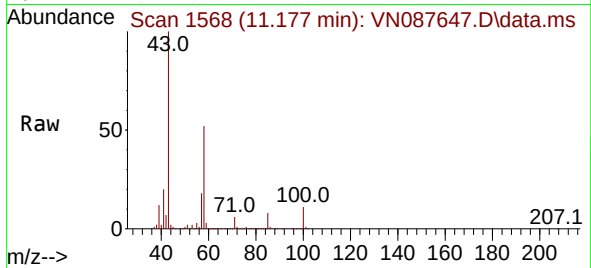
Tgt Ion: 63 Resp: 862865
Ion Ratio Lower Upper
63 100
106 26.3 21.1 31.7





#59
2-Hexanone
Concen: 280.221 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

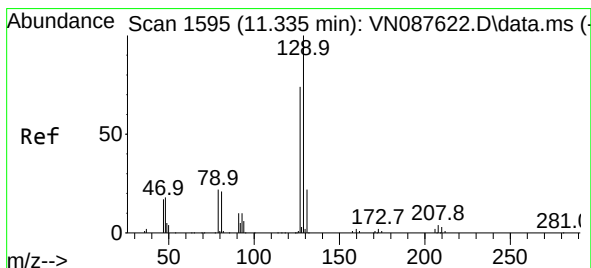
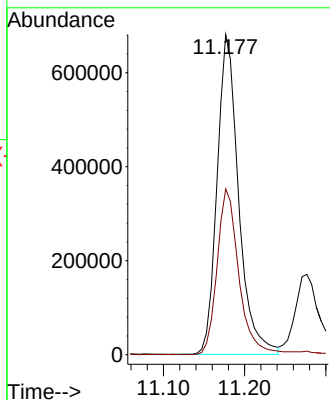
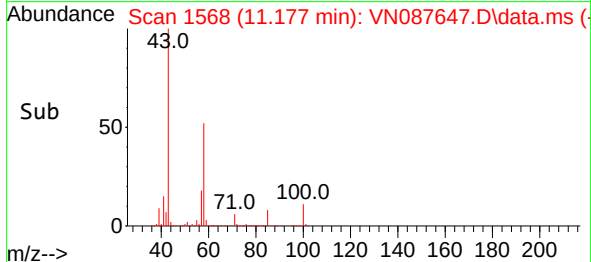
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 125593
Ion Ratio Lower Upper
43 100
58 52.4 25.9 77.8

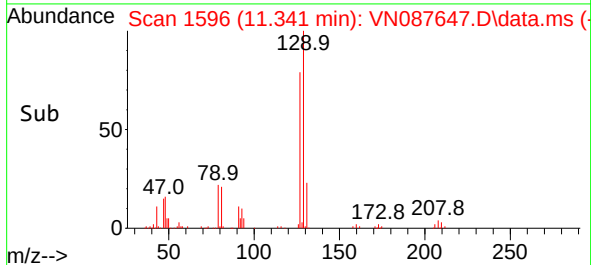
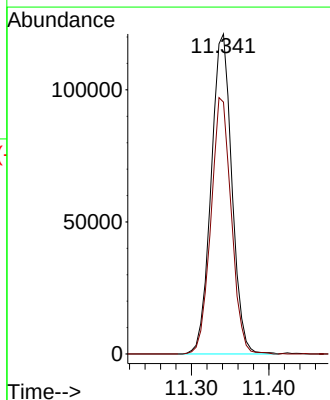
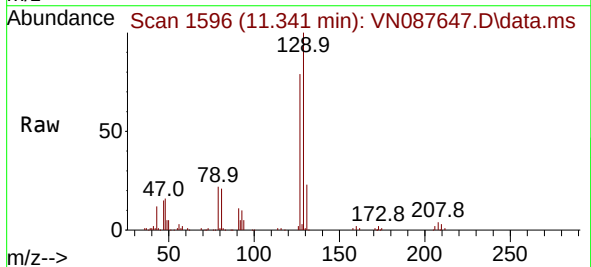
Manual Integrations
APPROVED

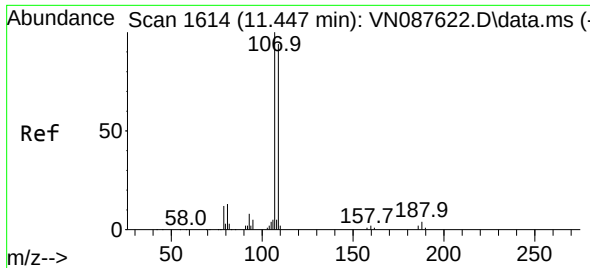
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#60
Dibromochloromethane
Concen: 48.108 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

Tgt Ion:129 Resp: 225900
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.3





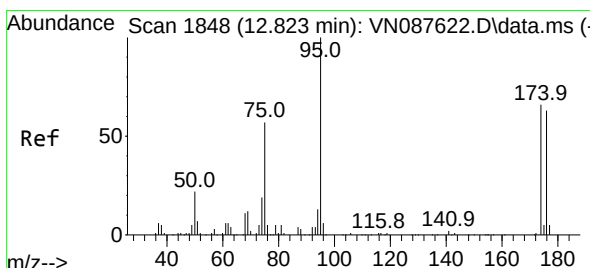
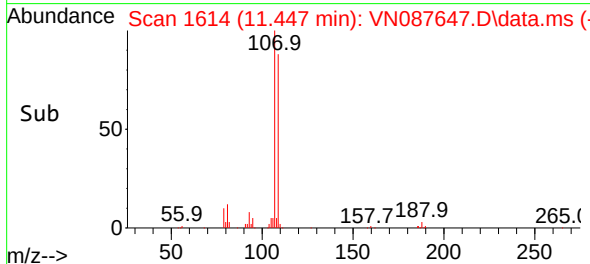
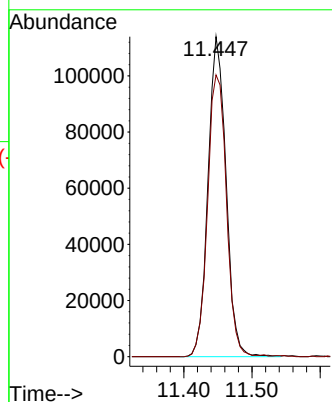
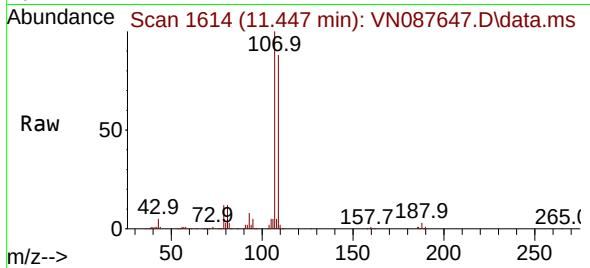
#61
1,2-Dibromoethane
Concen: 49.007 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 209410
Ion Ratio Lower Upper
107 100
109 92.2 74.7 112.1

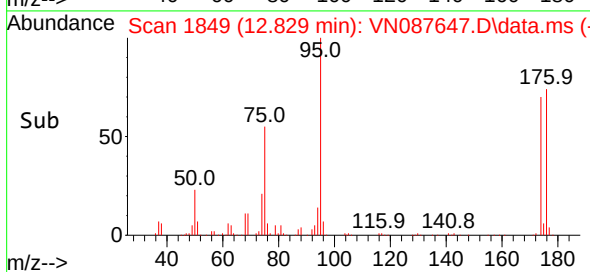
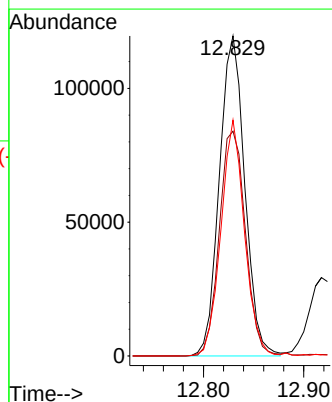
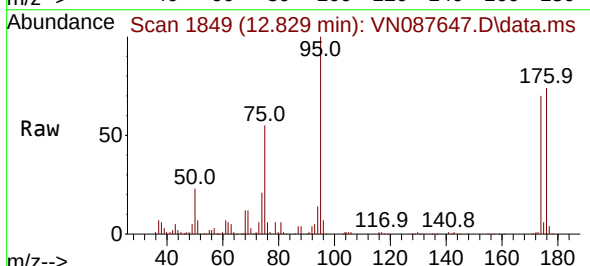
Manual Integrations
APPROVED

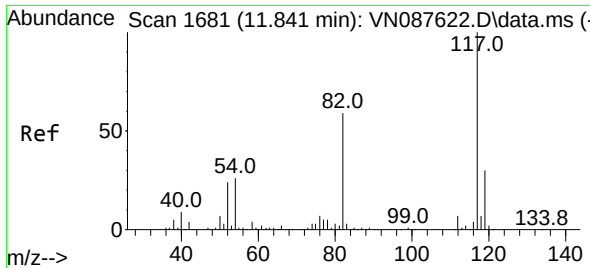
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#62
4-Bromofluorobenzene
Concen: 43.913 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

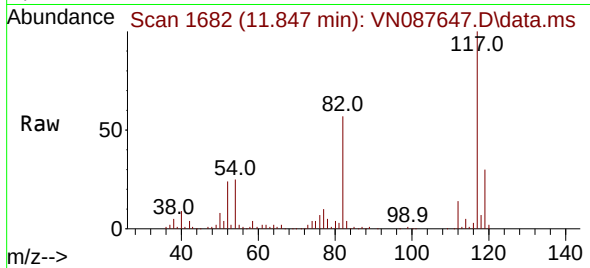
Tgt Ion: 95 Resp: 209913
Ion Ratio Lower Upper
95 100
174 72.7 0.0 138.4
176 68.5 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

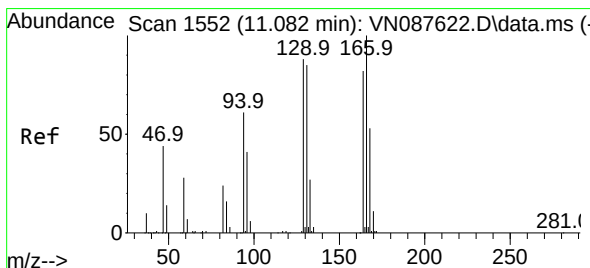
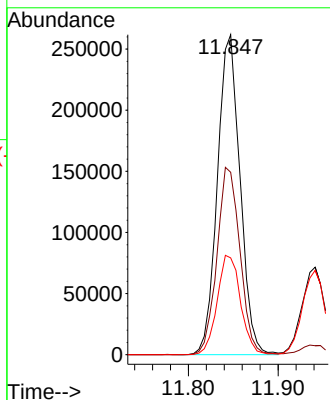
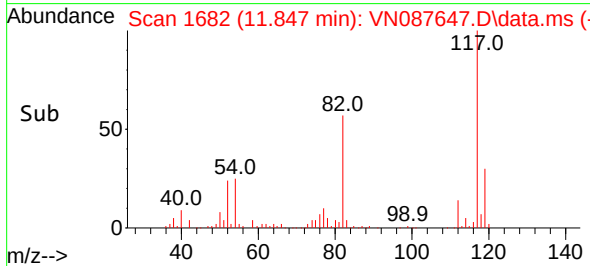
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



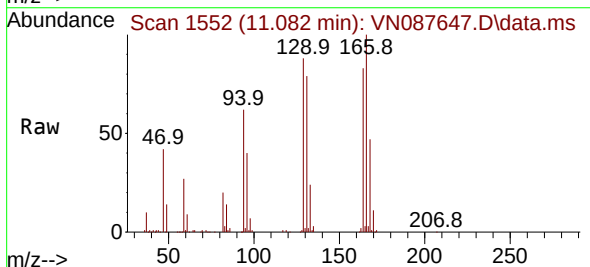
Tgt Ion:117 Resp: 459274
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 30.2 24.3 36.5

Manual Integrations
APPROVED

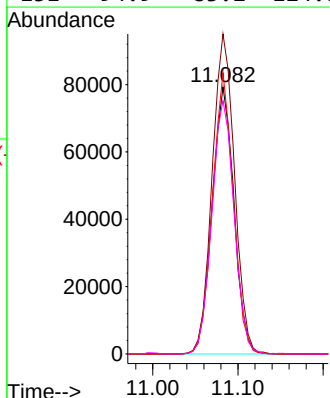
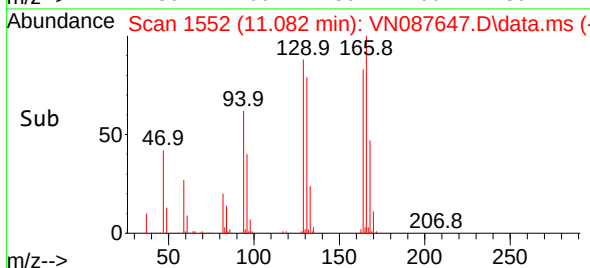
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

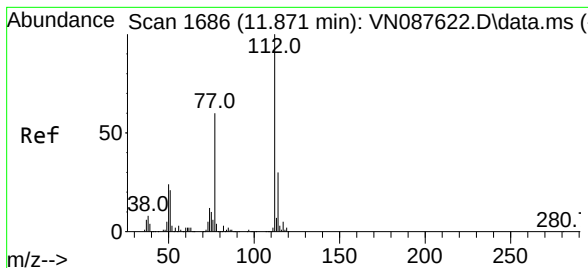


#64
Tetrachloroethene
Concen: 44.287 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



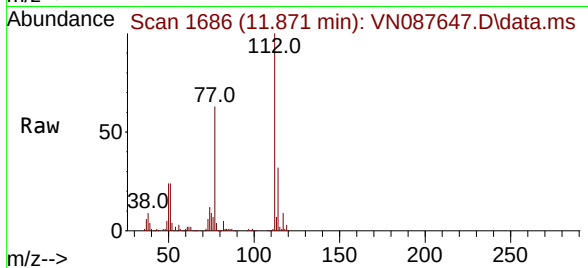
Tgt Ion:164 Resp: 141116
Ion Ratio Lower Upper
164 100
166 119.9 97.7 146.5
129 105.4 85.9 128.9
131 94.9 83.2 124.8





#65
Chlorobenzene
Concen: 45.963 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

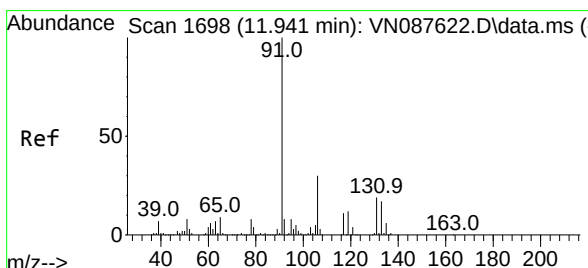
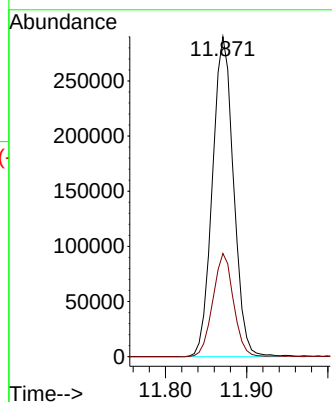
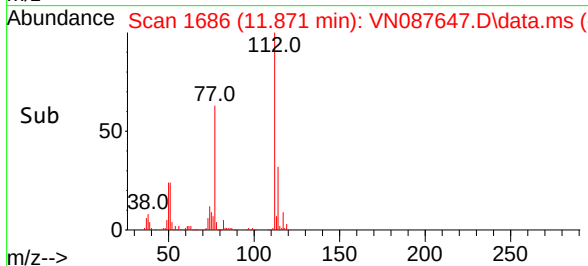
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



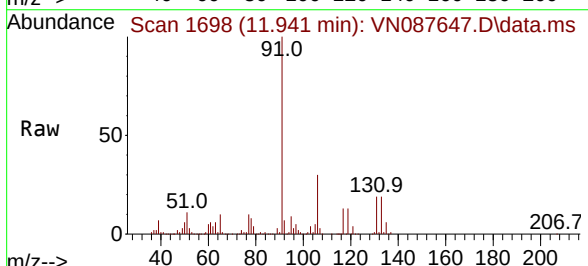
Tgt Ion:112 Resp: 52517
Ion Ratio Lower Upper
112 100
114 32.3 24.3 36.5

Manual Integrations
APPROVED

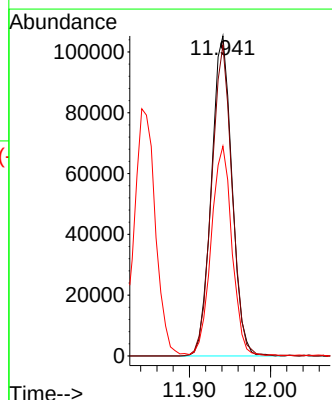
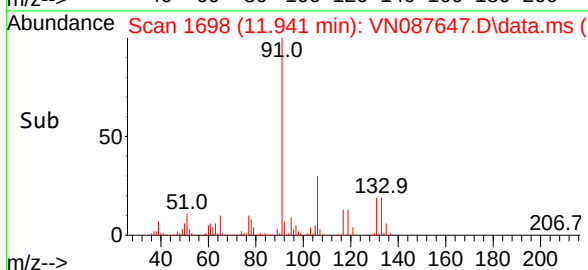
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

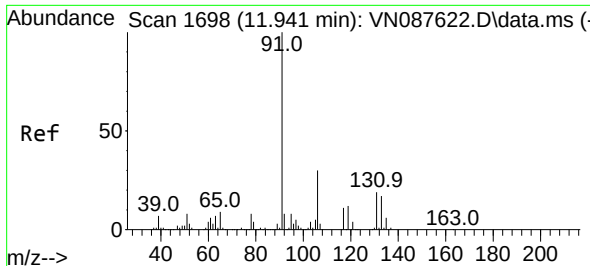


#66
1,1,1,2-Tetrachloroethane
Concen: 48.835 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



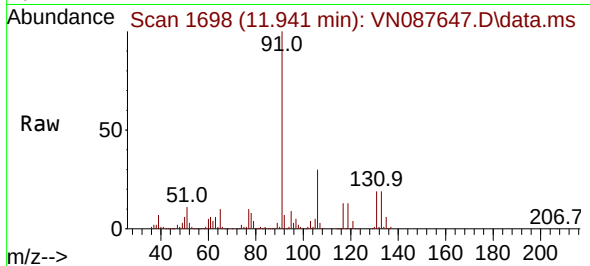
Tgt Ion:131 Resp: 185245
Ion Ratio Lower Upper
131 100
133 96.7 48.0 144.0
119 65.6 32.6 97.7





#67
Ethyl Benzene
Concen: 47.365 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

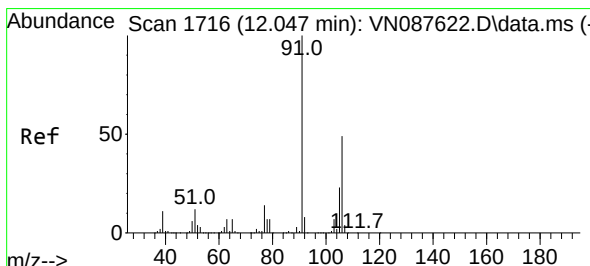
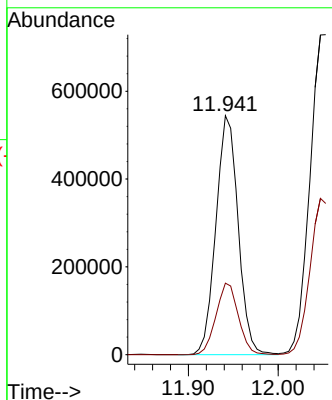
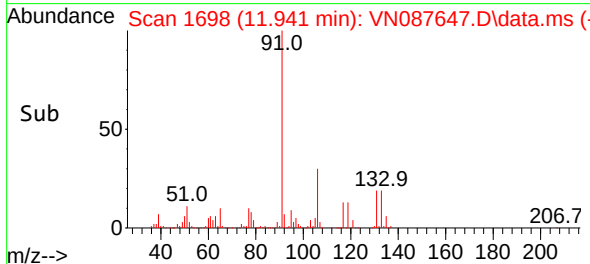
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



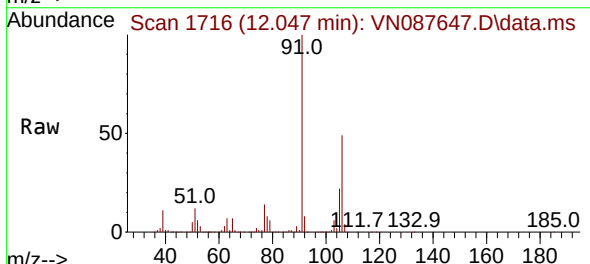
Tgt Ion: 91 Resp: 93702
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1

Manual Integrations
APPROVED

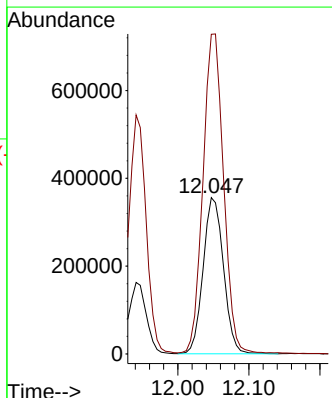
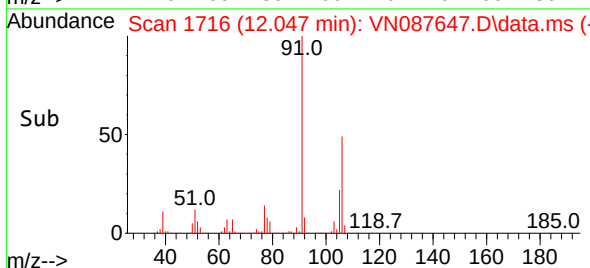
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

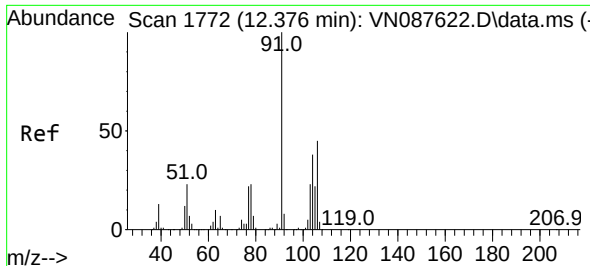


#68
m/p-Xylenes
Concen: 97.801 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



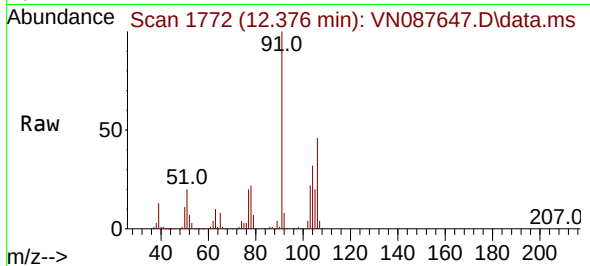
Tgt Ion:106 Resp: 709585
Ion Ratio Lower Upper
106 100
91 208.4 169.3 253.9





#69
o-Xylene
Concen: 47.672 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

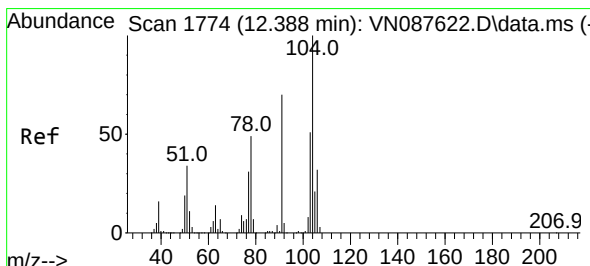
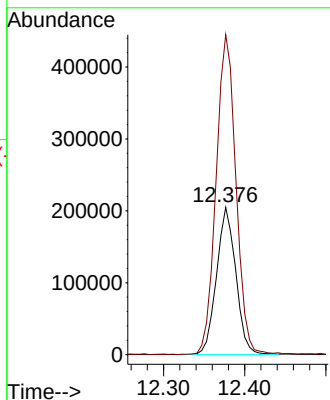
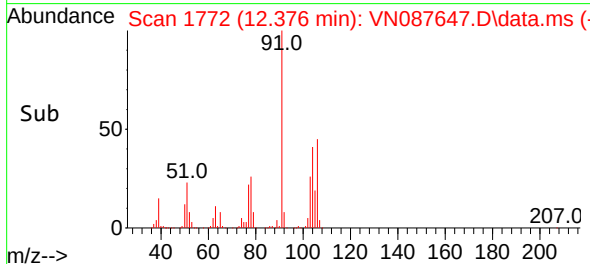
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



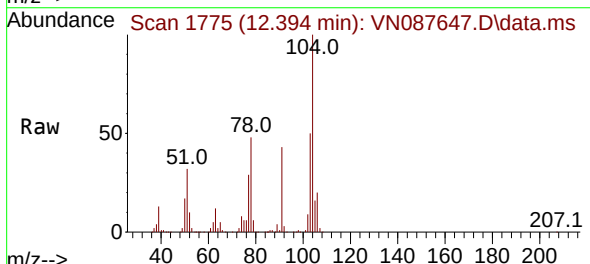
Tgt Ion:106 Resp: 338958
Ion Ratio Lower Upper
106 100
91 223.5 111.4 334.2

Manual Integrations
APPROVED

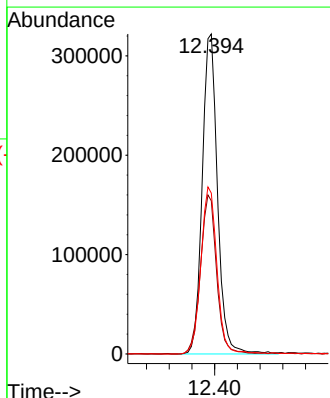
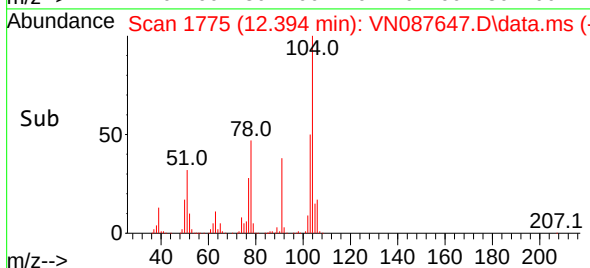
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

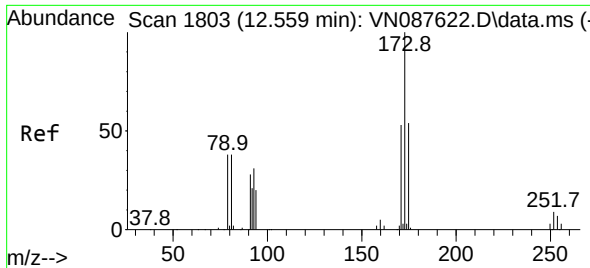


#70
Styrene
Concen: 50.405 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



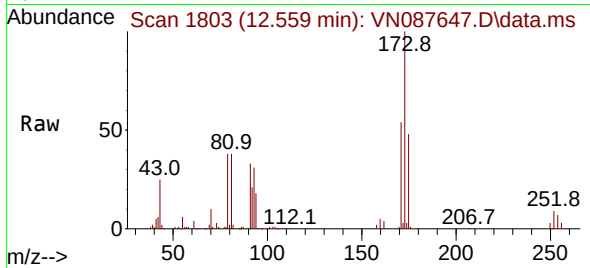
Tgt Ion:104 Resp: 600428
Ion Ratio Lower Upper
104 100
78 52.1 42.2 63.2
103 55.0 43.4 65.2





#71
Bromoform
Concen: 51.684 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

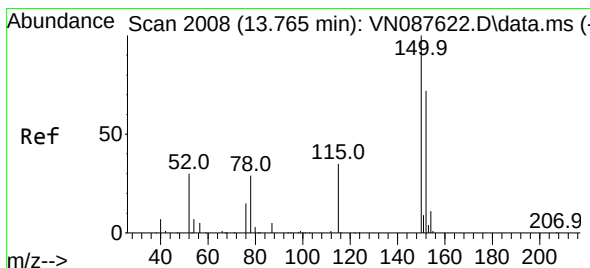
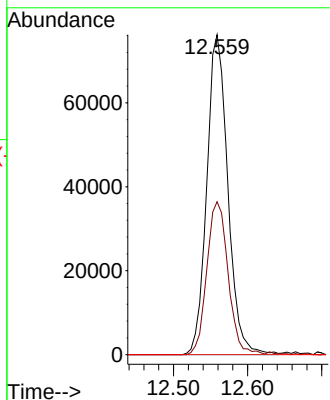
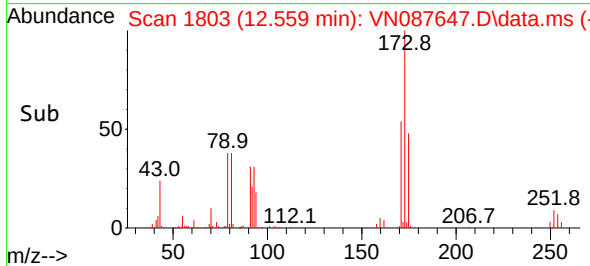
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



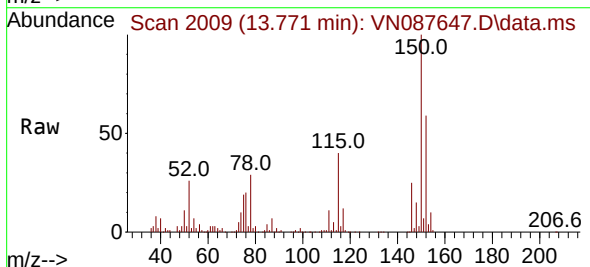
Tgt Ion:173 Resp: 15035
Ion Ratio Lower Upper
173 100
175 48.2 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

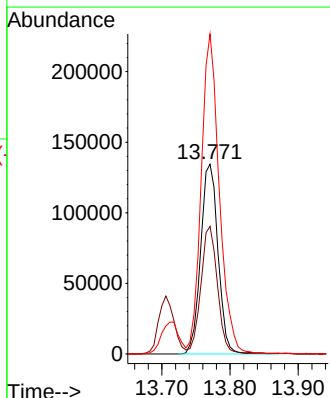
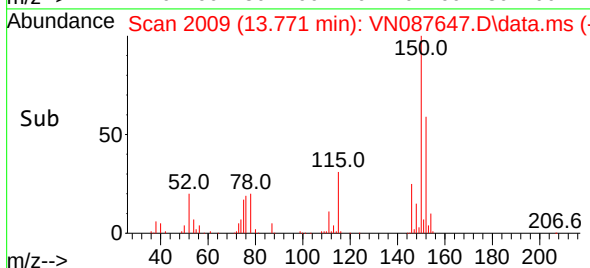
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

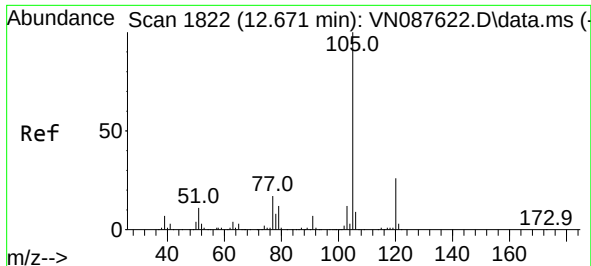


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



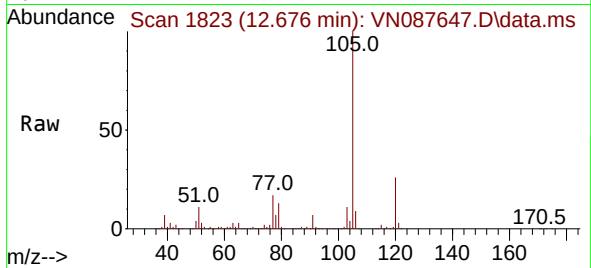
Tgt Ion:152 Resp: 238788
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 175.0 0.0 351.0





#73
Isopropylbenzene
Concen: 45.868 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

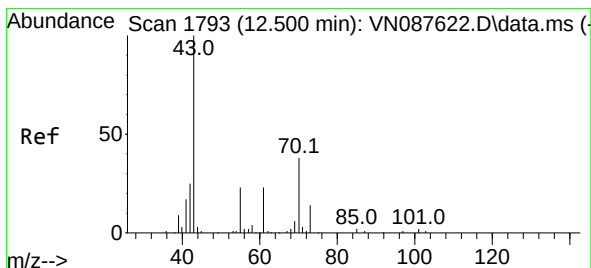
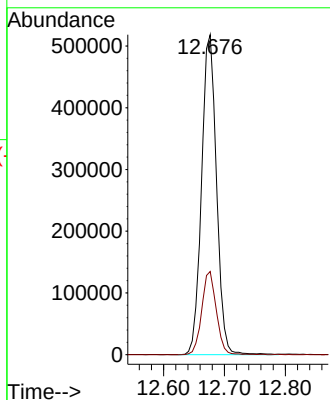
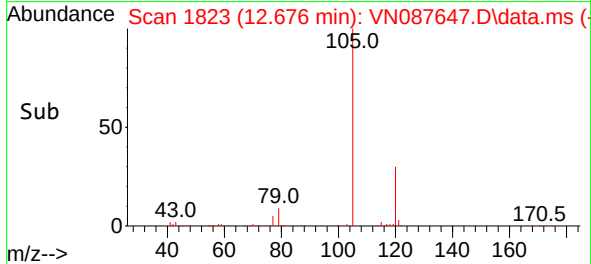
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 885054
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.3

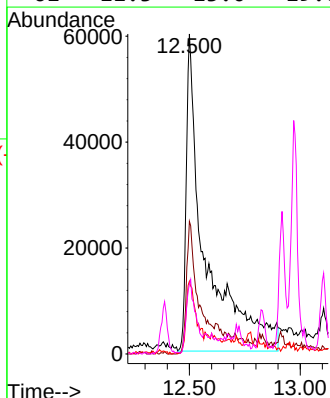
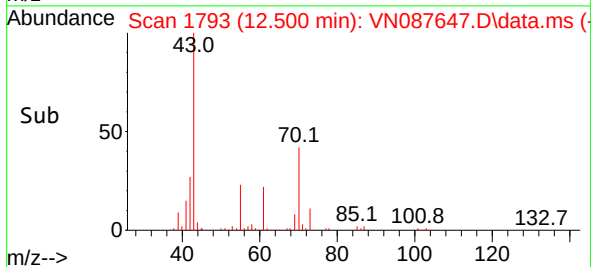
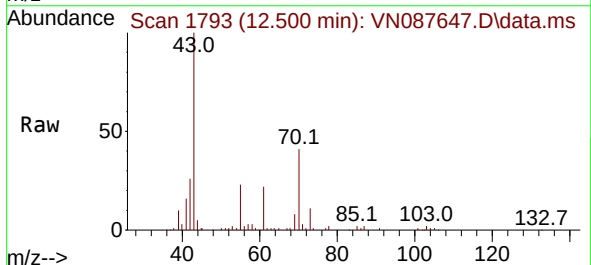
Manual Integrations
APPROVED

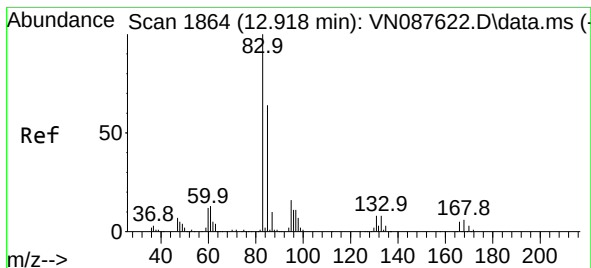
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#74
N-ethyl acetate
Concen: 48.927 ug/l m
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

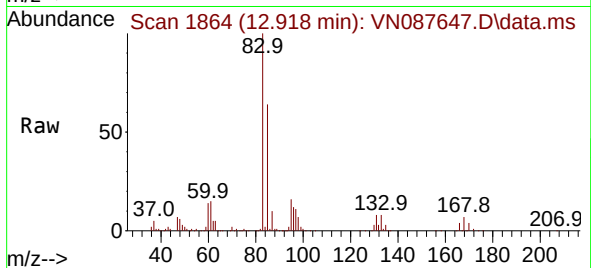
Tgt Ion: 43 Resp: 357775
Ion Ratio Lower Upper
43 100
70 25.9 27.6 41.4#
55 12.5 13.0 19.6#
61 11.3 13.0 19.6#





#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.368 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087647.D
 Acq: 25 Aug 2025 09:37

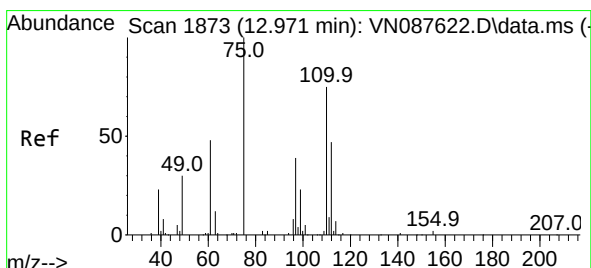
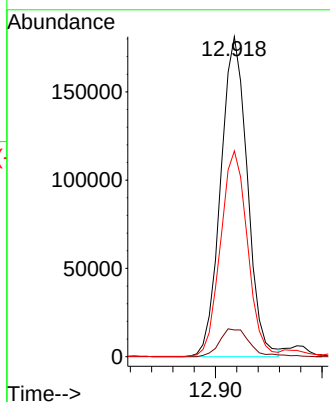
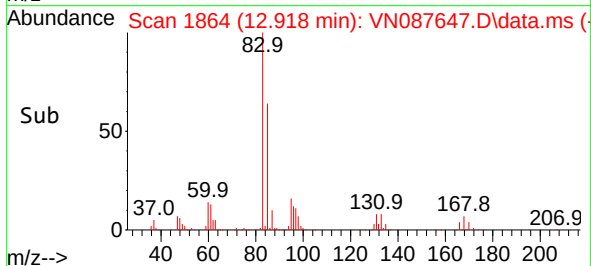
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



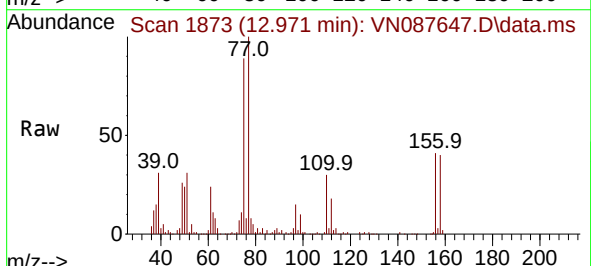
Tgt Ion: 83 Resp: 314670
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.8 14.4
 85 64.9 32.1 96.3

Manual Integrations
 APPROVED

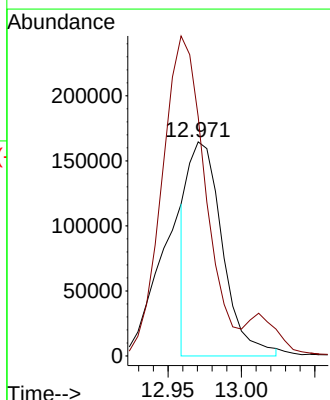
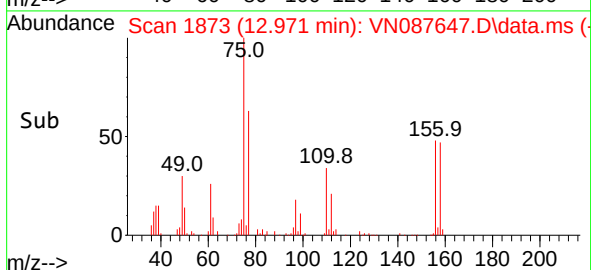
Reviewed By :John Carlone 08/26/2025
 Supervised By :Mahesh Dadoda 08/26/2025

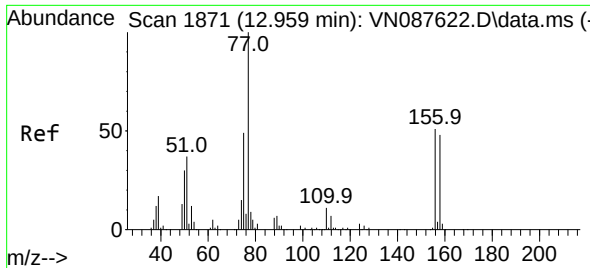


#76
 1,2,3-Trichloropropane
 Concen: 48.241 ug/l m
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087647.D
 Acq: 25 Aug 2025 09:37



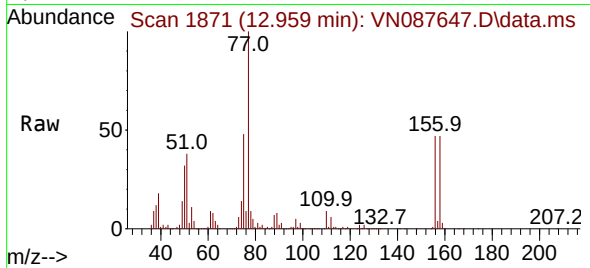
Tgt Ion: 75 Resp: 270134
 Ion Ratio Lower Upper
 75 100
 77 188.4 89.1 267.4





#77
Bromobenzene
Concen: 45.516 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

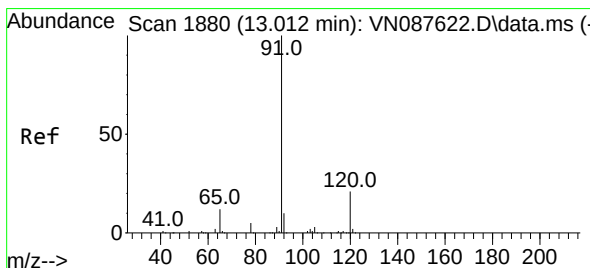
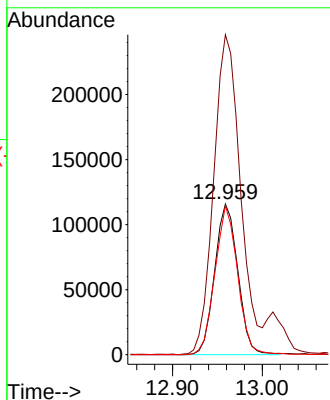
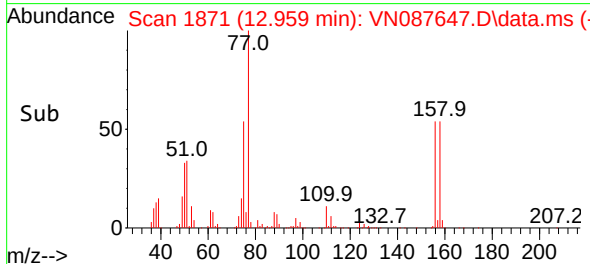
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 207080
Ion Ratio Lower Upper
156 100
77 245.8 119.3 358.0
158 97.1 48.2 144.6

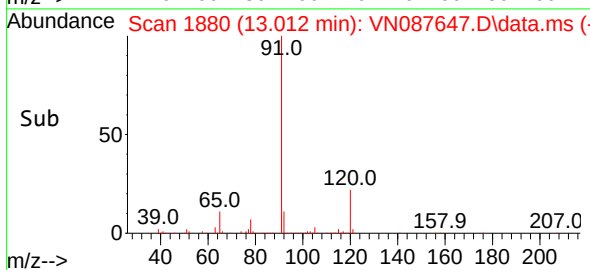
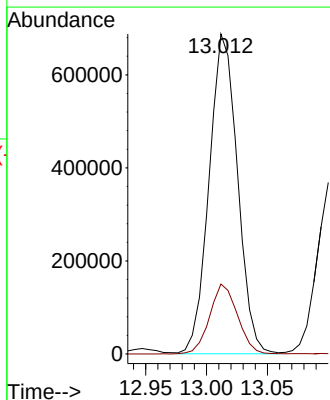
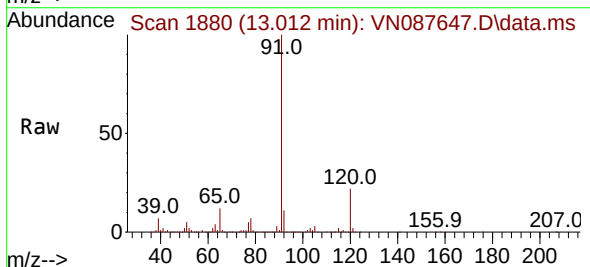
Manual Integrations
APPROVED

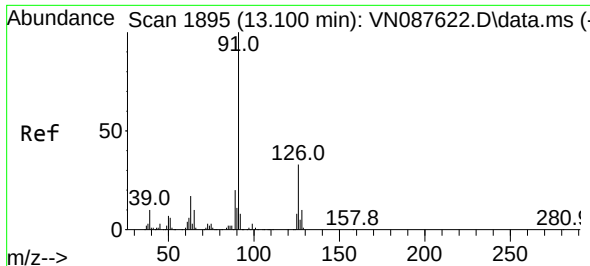
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#78
n-propylbenzene
Concen: 47.024 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

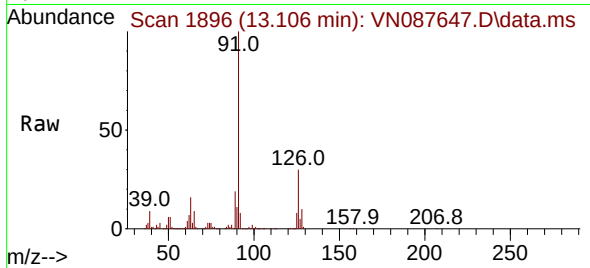
Tgt Ion: 91 Resp: 1117639
Ion Ratio Lower Upper
91 100
120 21.4 10.7 32.1





#79
2-Chlorotoluene
Concen: 46.907 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

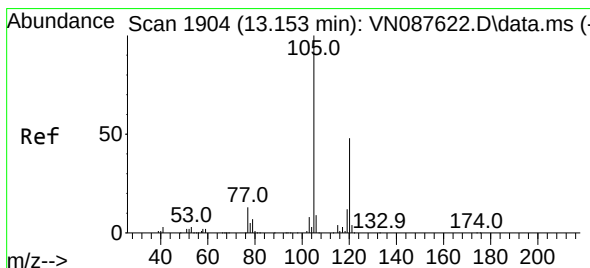
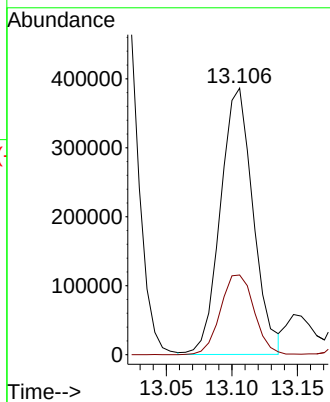
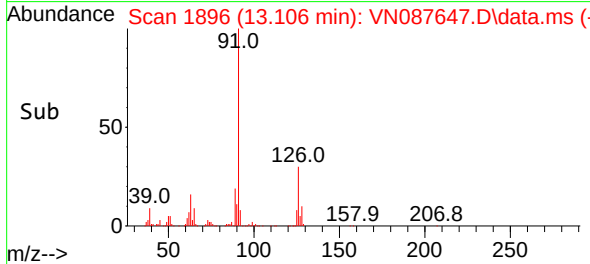
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 67090
Ion Ratio Lower Upper
91 100
126 30.9 16.1 48.3

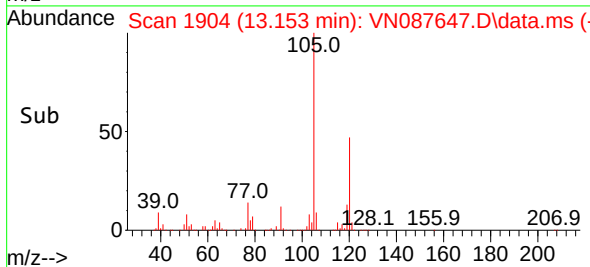
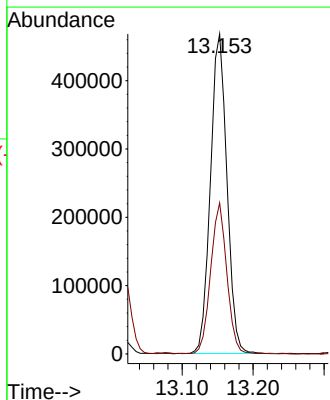
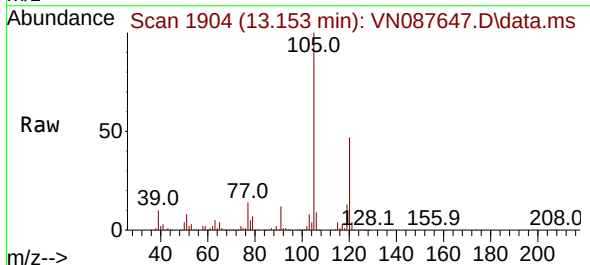
Manual Integrations
APPROVED

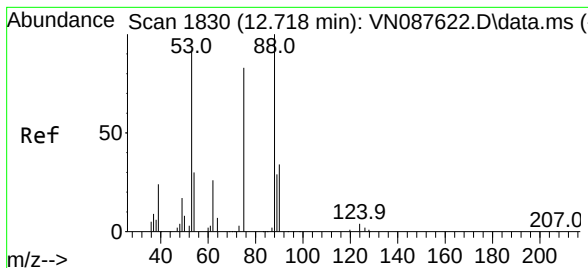
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 45.959 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

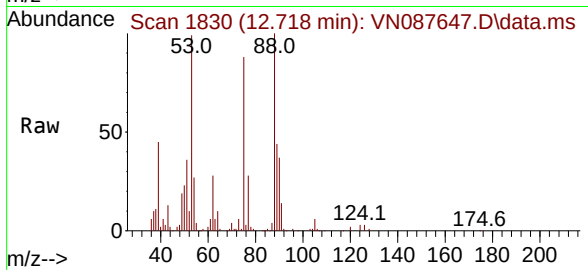
Tgt Ion:105 Resp: 752309
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.604 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

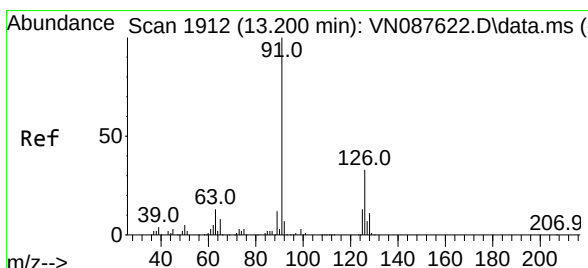
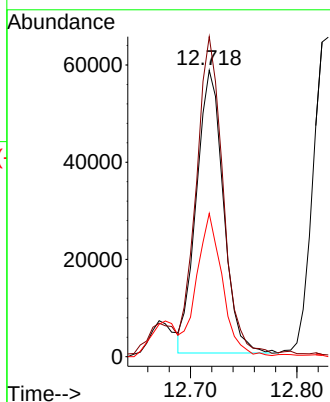
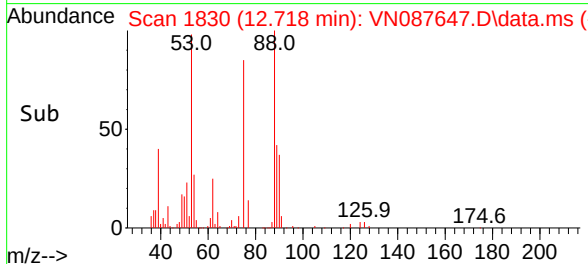
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 102807
Ion Ratio Lower Upper
75 100
53 110.2 101.8 152.6
89 47.9 35.6 53.4

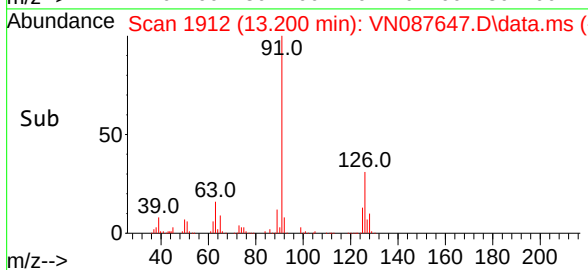
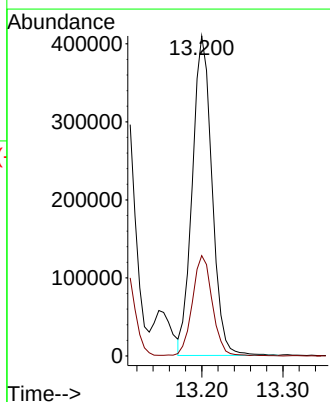
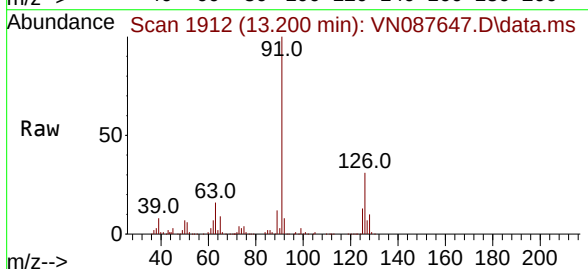
Manual Integrations
APPROVED

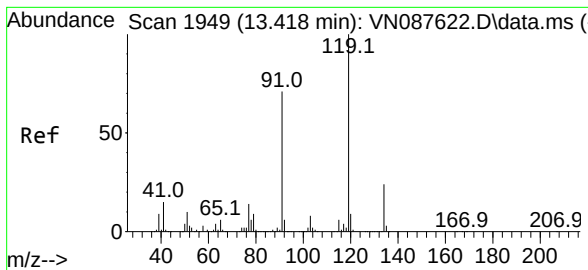
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#82
4-Chlorotoluene
Concen: 45.883 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

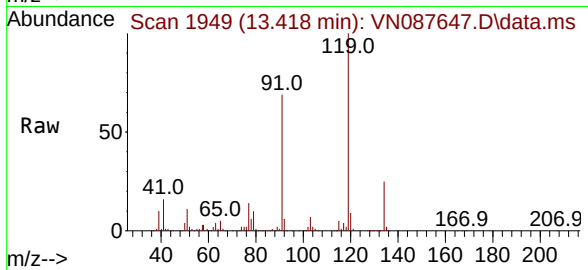
Tgt Ion: 91 Resp: 689983
Ion Ratio Lower Upper
91 100
126 32.1 15.6 46.8





#83
 tert-Butylbenzene
 Concen: 47.245 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN087647.D
 Acq: 25 Aug 2025 09:37

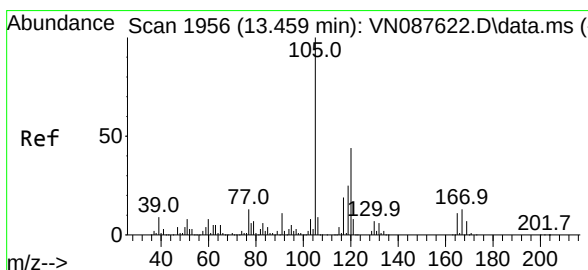
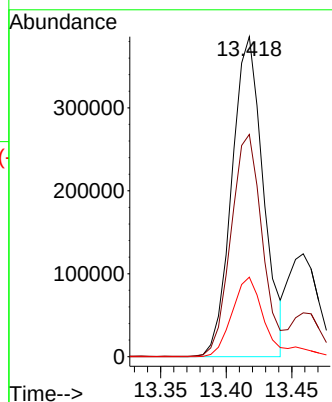
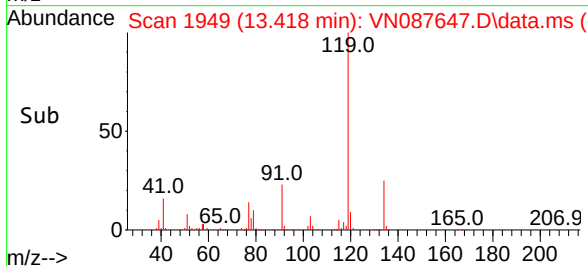
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



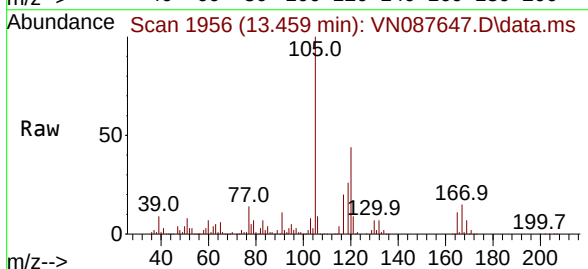
Tgt Ion:119 Resp: 64444
 Ion Ratio Lower Upper
 119 100
 91 68.5 35.0 105.0
 134 26.4 12.6 37.8

Manual Integrations
 APPROVED

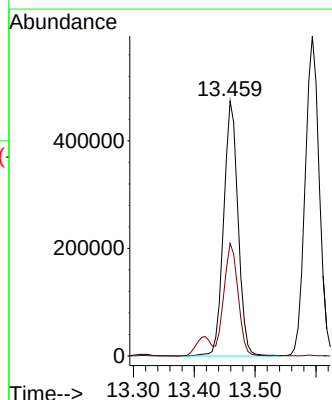
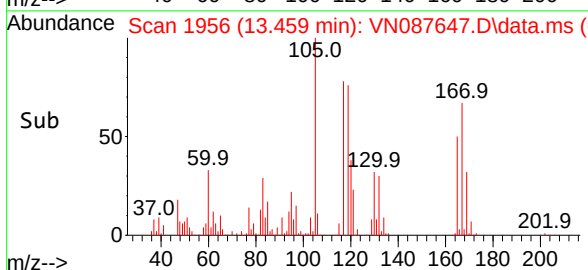
Reviewed By :John Carlone 08/26/2025
 Supervised By :Mahesh Dadoda 08/26/2025

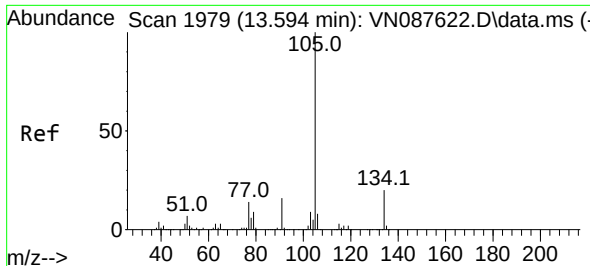


#84
 1,2,4-Trimethylbenzene
 Concen: 47.579 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN087647.D
 Acq: 25 Aug 2025 09:37



Tgt Ion:105 Resp: 779645
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.0 66.0





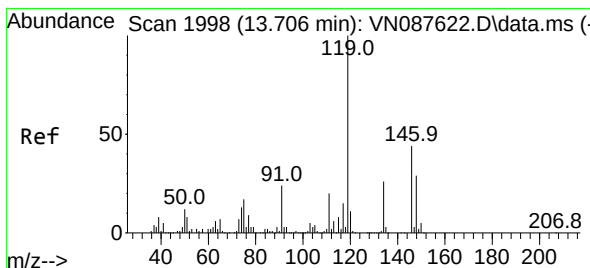
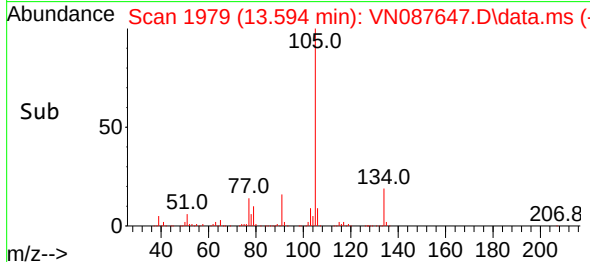
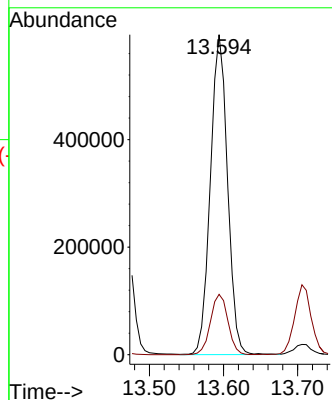
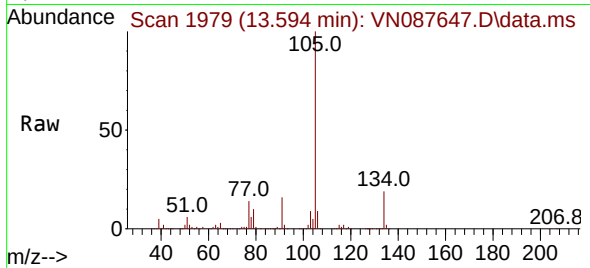
#85
 sec-Butylbenzene
 Concen: 47.190 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087647.D
 Acq: 25 Aug 2025 09:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 955230
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6

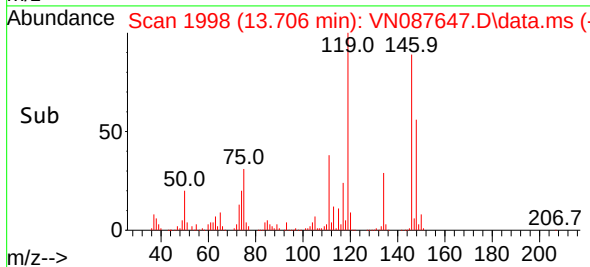
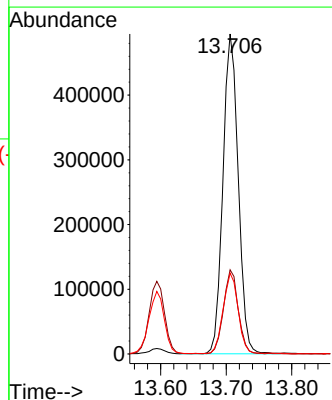
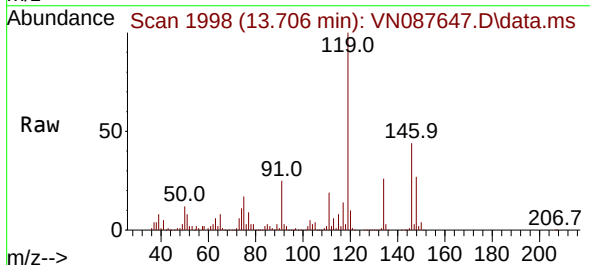
Manual Integrations
 APPROVED

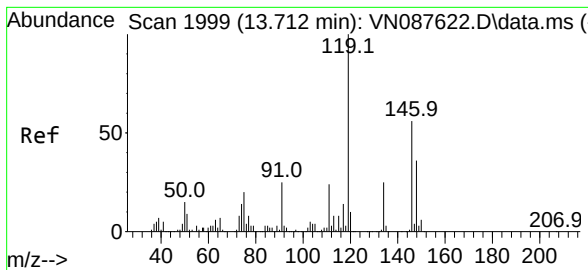
Reviewed By :John Carlone 08/26/2025
 Supervised By :Mahesh Dadoda 08/26/2025



#86
 p-Isopropyltoluene
 Concen: 47.666 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087647.D
 Acq: 25 Aug 2025 09:37

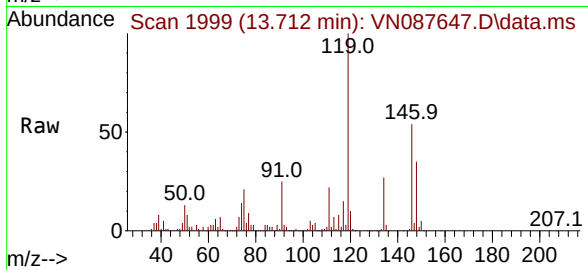
Tgt Ion:119 Resp: 796740
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.0
 91 24.5 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 46.092 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

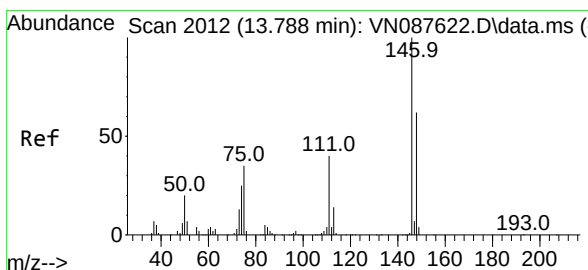
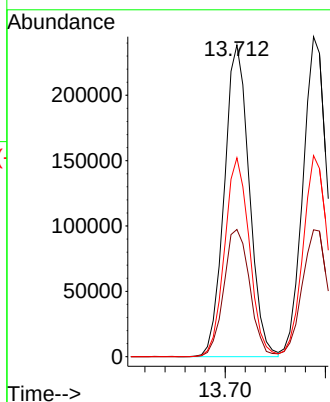
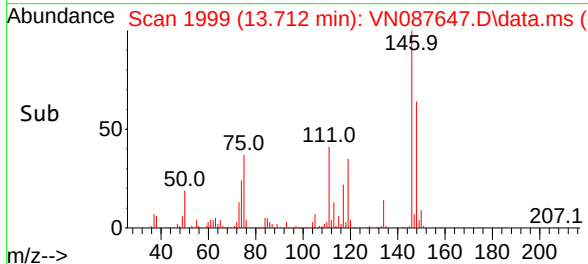
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



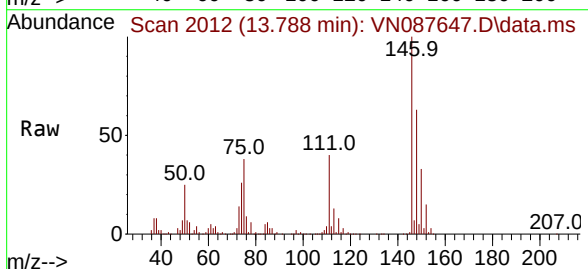
Tgt Ion:146 Resp: 412958
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.5
148 63.1 32.0 96.2

Manual Integrations
APPROVED

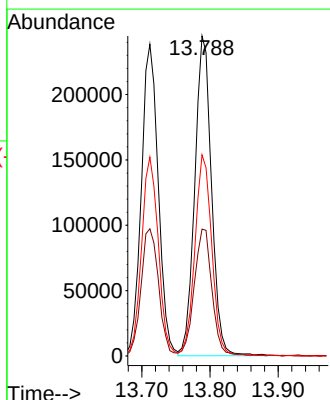
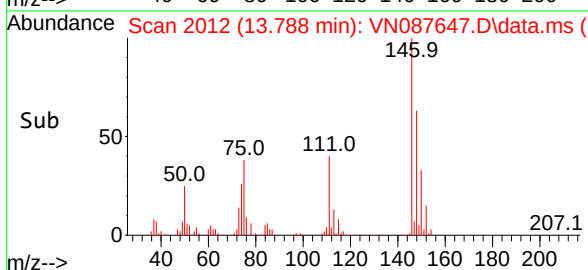
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

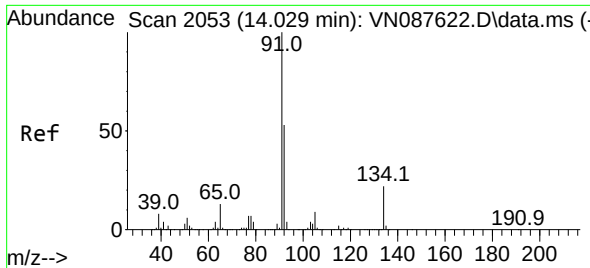


#88
1,4-Dichlorobenzene
Concen: 44.805 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



Tgt Ion:146 Resp: 417746
Ion Ratio Lower Upper
146 100
111 42.1 21.0 63.0
148 63.9 32.0 96.0





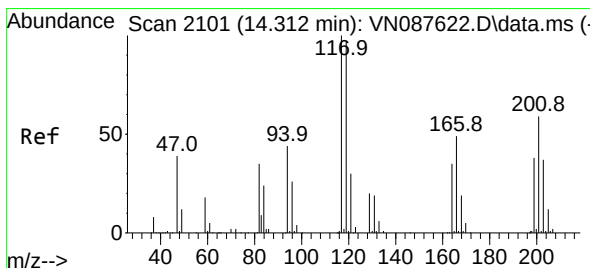
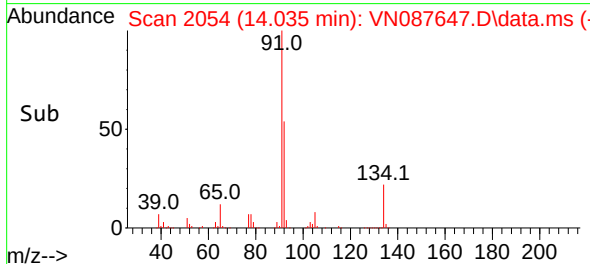
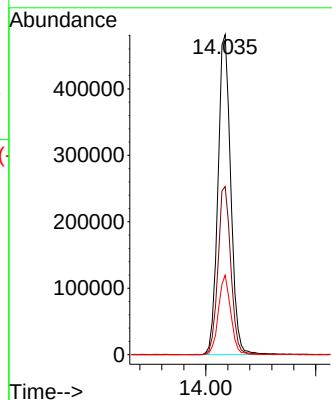
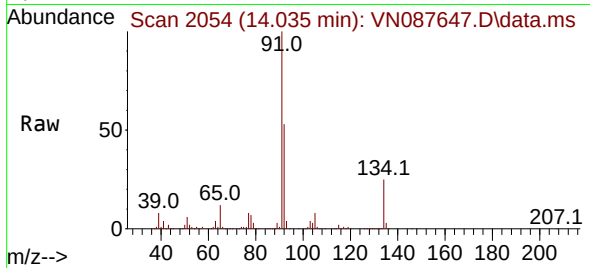
#89
n-Butylbenzene
Concen: 46.851 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 77775
Ion Ratio Lower Upper
91 100
92 52.7 25.9 77.8
134 23.9 11.7 35.0

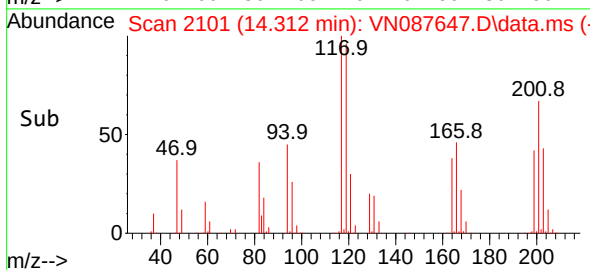
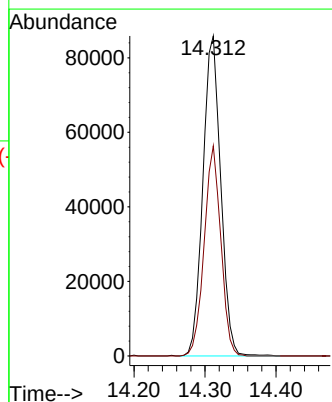
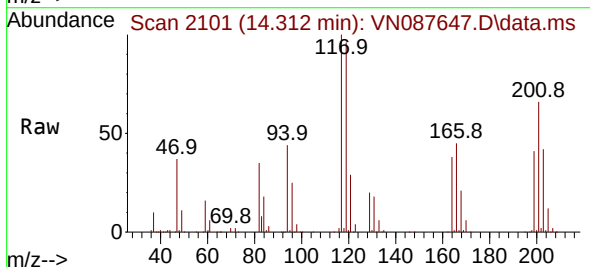
Manual Integrations
APPROVED

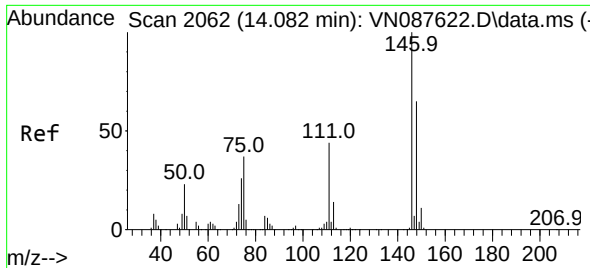
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#90
Hexachloroethane
Concen: 47.102 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

Tgt Ion:117 Resp: 149995
Ion Ratio Lower Upper
117 100
201 61.3 29.1 87.4





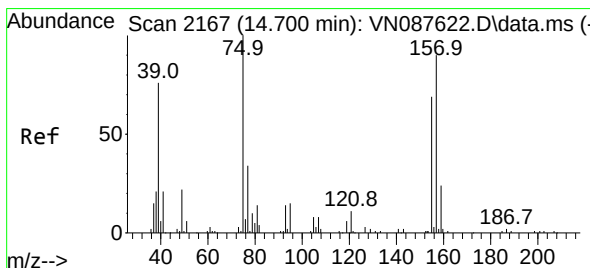
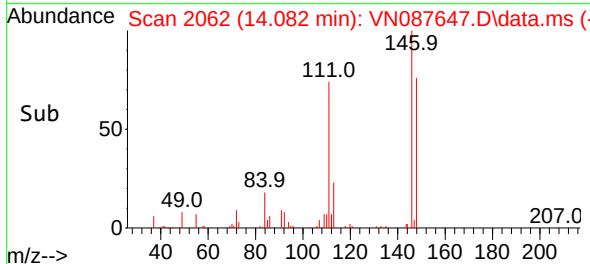
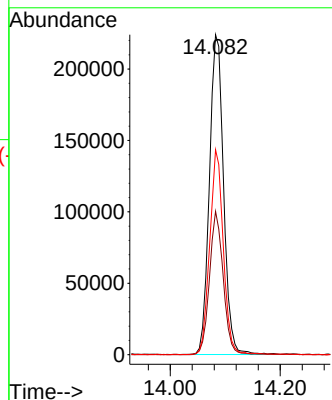
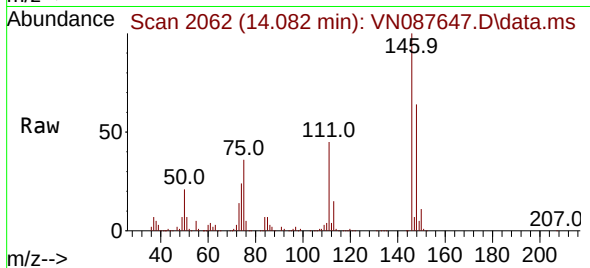
#91
1,2-Dichlorobenzene
Concen: 47.063 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 400020
Ion Ratio Lower Upper
146 100
111 43.6 22.6 67.8
148 61.8 31.9 95.9

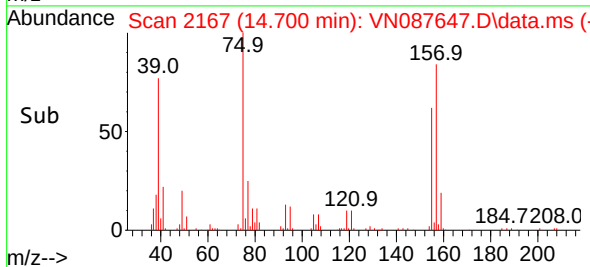
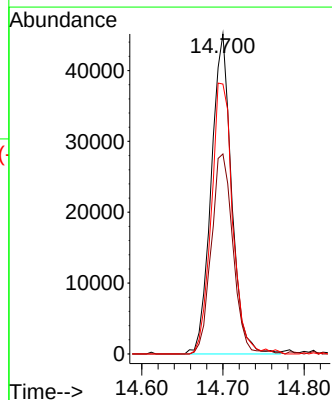
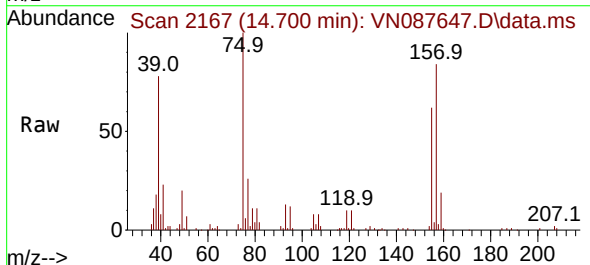
Manual Integrations
APPROVED

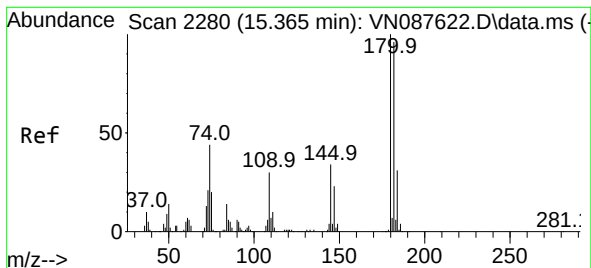
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.894 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

Tgt Ion: 75 Resp: 78738
Ion Ratio Lower Upper
75 100
155 66.6 36.6 109.9
157 89.5 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 47.066 ug/l

RT: 15.365 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN087647.D

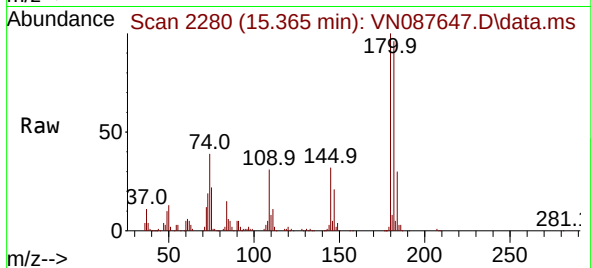
Acq: 25 Aug 2025 09:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



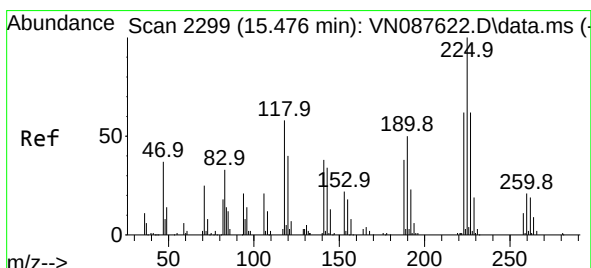
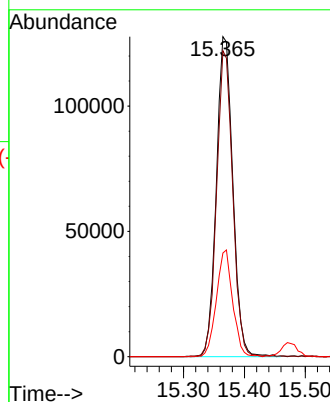
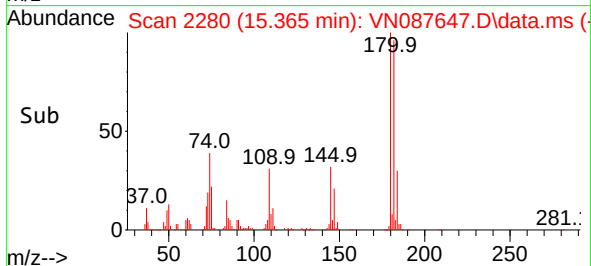
Tgt Ion:	180	Resp:	240229
Ion Ratio	100	Lower	Upper
180	100		
182	93.3	47.6	142.9
145	32.9	16.5	49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#94

Hexachlorobutadiene

Concen: 46.813 ug/l

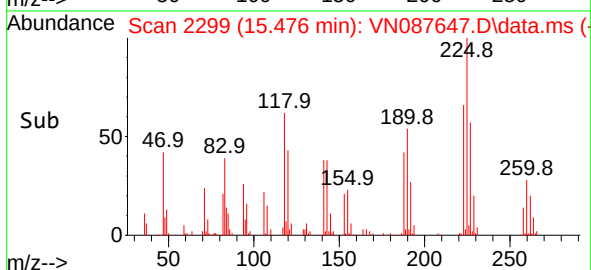
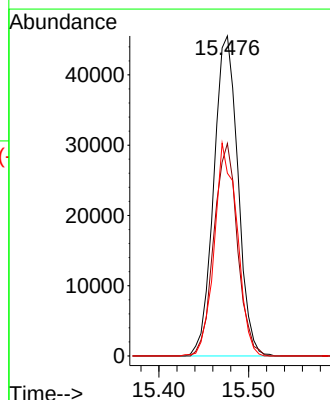
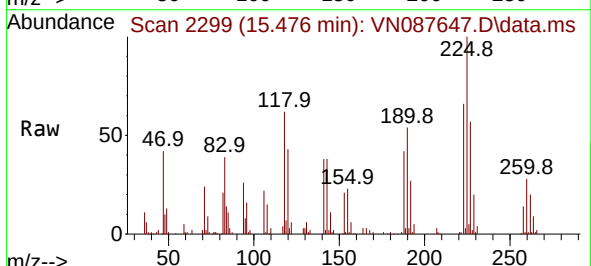
RT: 15.476 min Scan# 2299

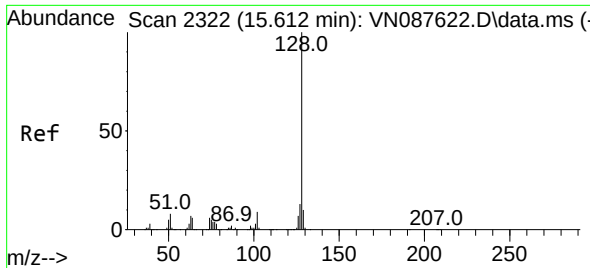
Delta R.T. 0.000 min

Lab File: VN087647.D

Acq: 25 Aug 2025 09:37

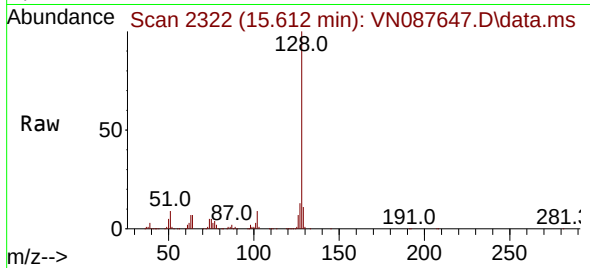
Tgt Ion:	225	Resp:	85184
Ion Ratio	100	Lower	Upper
225	100		
223	64.6	32.0	96.2
227	62.6	32.1	96.5





#95
Naphthalene
Concen: 49.668 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37

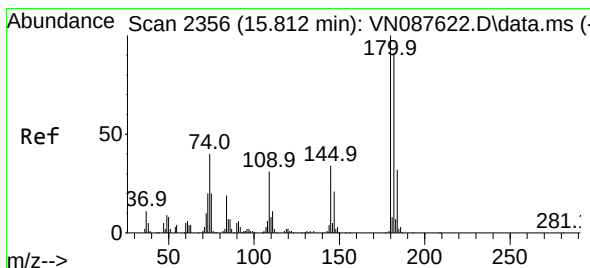
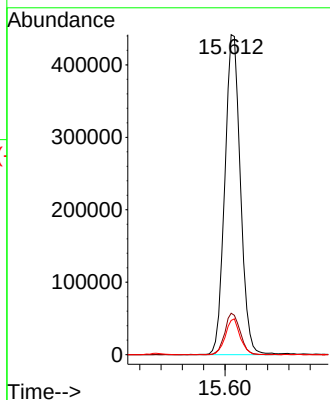
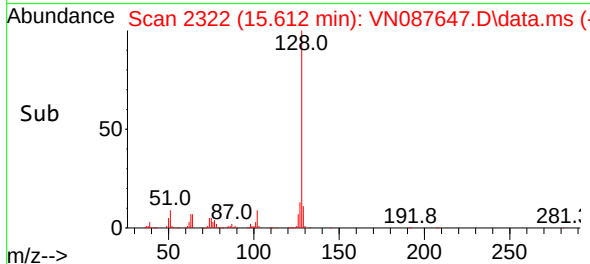
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



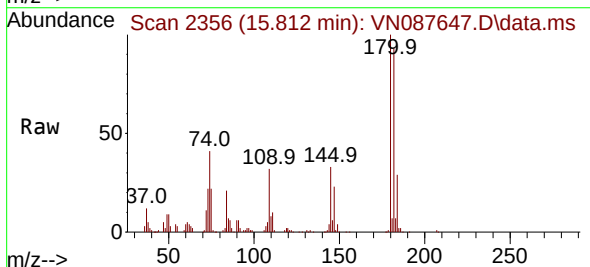
Tgt Ion:128 Resp: 897935
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.148 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087647.D
Acq: 25 Aug 2025 09:37



Tgt Ion:180 Resp: 235260
Ion Ratio Lower Upper
180 100
182 93.9 46.8 140.3
145 34.1 17.3 52.0

