

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086678.D
 Acq On : 19 May 2025 10:12
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: May 20 03:13:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	218324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	387311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	340061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	159685	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	140733	46.649	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.300%
35) Dibromofluoromethane	8.165	113	113837	49.353	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.700%
50) Toluene-d8	10.565	98	476759	49.877	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.847	95	168980	50.066	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.140%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	136525	57.905	ug/l	97
3) Chloromethane	2.359	50	177395	49.744	ug/l	99
4) Vinyl Chloride	2.512	62	165267	51.602	ug/l	98
5) Bromomethane	2.953	94	86355	46.772	ug/l	97
6) Chloroethane	3.118	64	102298	48.758	ug/l	96
7) Trichlorofluoromethane	3.500	101	199352	52.085	ug/l	96
8) Diethyl Ether	3.959	74	83397	52.745	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	121510	53.030	ug/l	99
10) Methyl Iodide	4.589	142	140719	49.371	ug/l	98
11) Tert butyl alcohol	5.512	59	119916	218.251	ug/l	100
12) 1,1-Dichloroethene	4.342	96	125445	51.515	ug/l	99
13) Acrolein	4.177	56	146682	249.729	ug/l	99
14) Allyl chloride	5.024	41	188696	51.195	ug/l	97
15) Acrylonitrile	5.712	53	324234	238.337	ug/l	99
16) Acetone	4.418	43	275223	243.885	ug/l	97
17) Carbon Disulfide	4.712	76	357938	53.091	ug/l	100
18) Methyl Acetate	5.018	43	136135	43.101	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	426859	51.481	ug/l	99
20) Methylene Chloride	5.271	84	139264	46.765	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	131544	51.093	ug/l	95
22) Diisopropyl ether	6.665	45	428632	51.547	ug/l	98
23) Vinyl Acetate	6.600	43	1760106	281.640	ug/l	100
24) 1,1-Dichloroethane	6.565	63	244716	50.125	ug/l	100
25) 2-Butanone	7.477	43	424521	243.440	ug/l	99
26) 2,2-Dichloropropane	7.483	77	217452	53.973	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	156969	49.671	ug/l	98
28) Bromochloromethane	7.806	49	107543	48.484	ug/l	99
29) Tetrahydrofuran	7.835	42	270715	237.838	ug/l	100
30) Chloroform	7.959	83	237553	48.614	ug/l	94
31) Cyclohexane	8.253	56	220996	48.809	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	207333	50.325	ug/l	99
36) 1,1-Dichloropropene	8.365	75	179013	52.615	ug/l	99
37) Ethyl Acetate	7.553	43	163270	47.506	ug/l	100
38) Carbon Tetrachloride	8.359	117	175597	52.381	ug/l	99
39) Methylcyclohexane	9.594	83	206391	56.048	ug/l	99
40) Benzene	8.600	78	568159	51.190	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	94619	50.989	ug/l	97
42) 1,2-Dichloroethane	8.665	62	171184	49.506	ug/l	98
43) Isopropyl Acetate	8.682	43	292257	42.419	ug/l	97
44) Trichloroethene	9.347	130	141828	52.980	ug/l	98
45) 1,2-Dichloropropane	9.618	63	137180	52.029	ug/l	97
46) Dibromomethane	9.706	93	89941	50.554	ug/l	98
47) Bromodichloromethane	9.882	83	190522	51.974	ug/l	99
48) Methyl methacrylate	9.677	41	133859	50.138	ug/l	99
49) 1,4-Dioxane	9.694	88	50542	894.031	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	837049	240.913	ug/l	99
52) Toluene	10.623	92	356565	51.689	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	209665	54.021	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	224827	53.066	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	126830	49.287	ug/l	98
56) Ethyl methacrylate	10.871	69	216221	52.333	ug/l	99
57) 1,3-Dichloropropane	11.159	76	220930	49.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	487437	263.974	ug/l	100
59) 2-Hexanone	11.188	43	606517	239.044	ug/l	100
60) Dibromochloromethane	11.353	129	142355	52.786	ug/l	98
61) 1,2-Dibromoethane	11.465	107	129313	50.008	ug/l	99
64) Tetrachloroethene	11.100	164	142639	54.755	ug/l	97
65) Chlorobenzene	11.888	112	379483	50.890	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	125235	52.023	ug/l	100
67) Ethyl Benzene	11.959	91	672937	52.687	ug/l	99
68) m/p-Xylenes	12.065	106	517798	107.033	ug/l	99
69) o-Xylene	12.394	106	252810	52.564	ug/l	99
70) Styrene	12.406	104	419206	53.237	ug/l	100
71) Bromoform	12.576	173	92501	54.030	ug/l #	98
73) Isopropylbenzene	12.694	105	605663	49.109	ug/l	99
74) N-amyl acetate	12.488	43	241598	46.886	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	167581	44.229	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	240116	66.488	ug/l	62
77) Bromobenzene	12.976	156	145850	47.012	ug/l	99
78) n-propylbenzene	13.029	91	718136	50.739	ug/l	99
79) 2-Chlorotoluene	13.123	91	448701	48.757	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	501937	50.798	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	77736	54.322	ug/l	92
82) 4-Chlorotoluene	13.217	91	447160	49.045	ug/l	100
83) tert-Butylbenzene	13.435	119	430179	49.922	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	512047	52.039	ug/l	98
85) sec-Butylbenzene	13.612	105	600995	52.015	ug/l	100
86) p-Isopropyltoluene	13.723	119	515021	54.379	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	273090	50.834	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	273459	51.375	ug/l	99
89) n-Butylbenzene	14.053	91	446487	56.867	ug/l	100
90) Hexachloroethane	14.329	117	83988	53.447	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	262217	51.317	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32637	51.996	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	125389	58.135	ug/l	99
94) Hexachlorobutadiene	15.494	225	50262	56.167	ug/l	97
95) Naphthalene	15.635	128	406700	54.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	117100	55.439	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :
VSTDCCC050

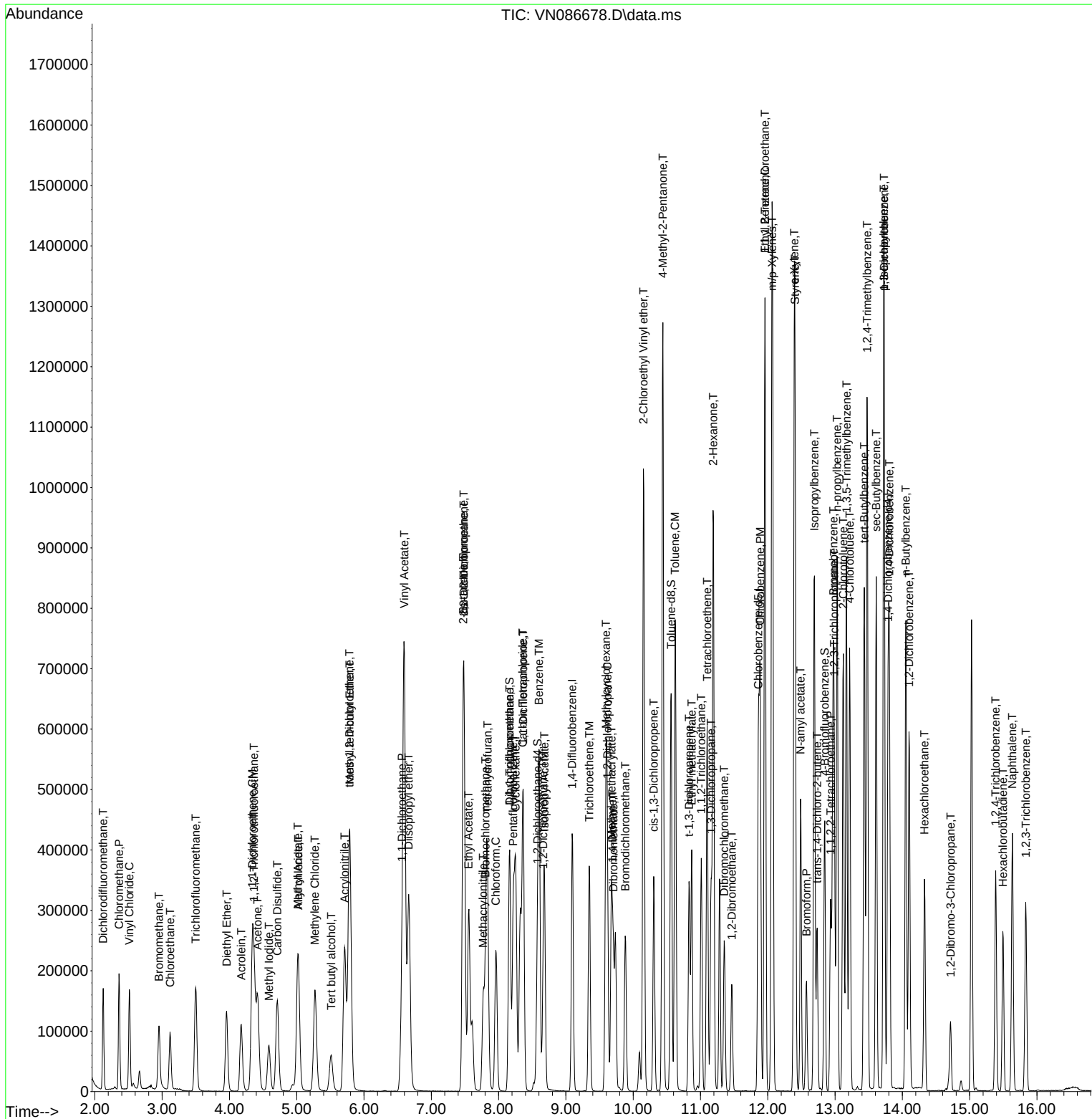
Quant Time: May 20 03:13:27 2025
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Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

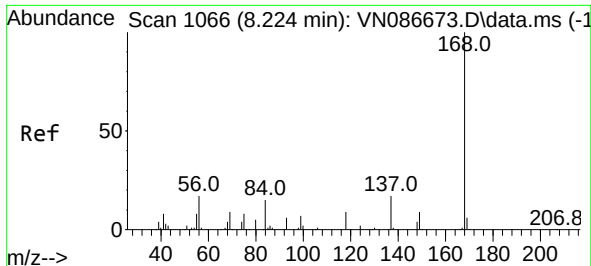
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
ClientSampleId :
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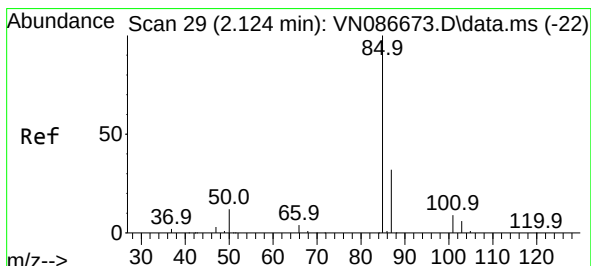
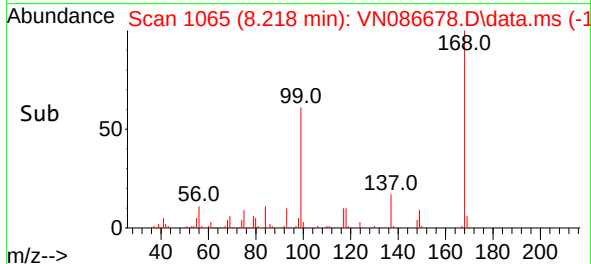
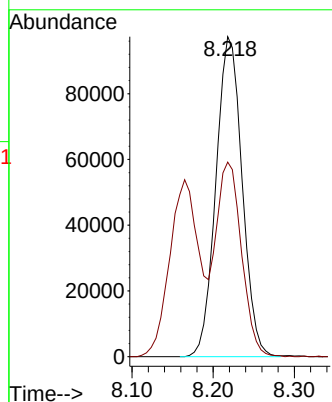
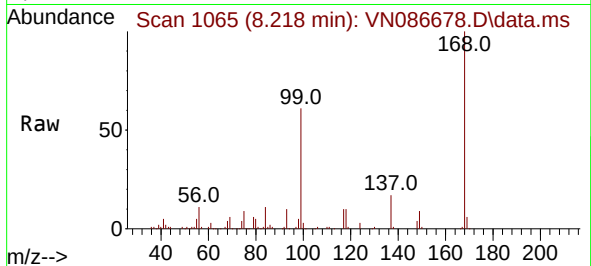




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN086678.D
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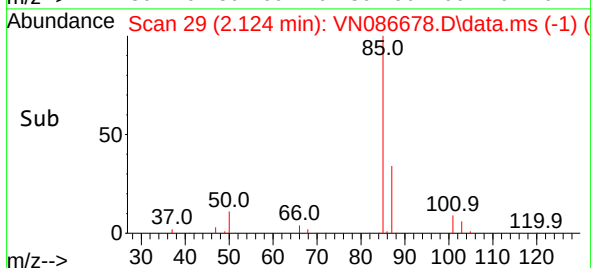
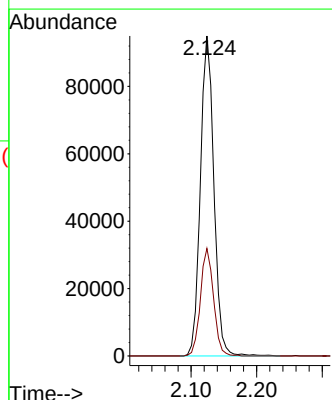
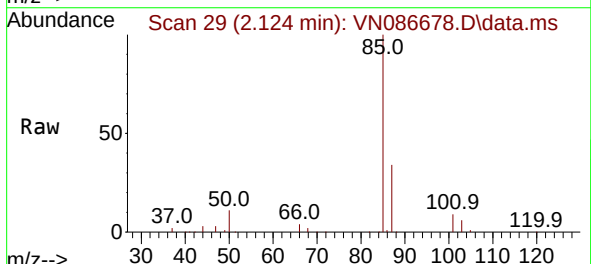
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

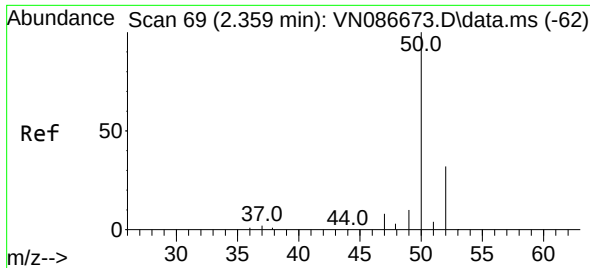
Tgt Ion:168 Resp: 218324
Ion Ratio Lower Upper
168 100
99 60.5 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 57.905 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 85 Resp: 136525
Ion Ratio Lower Upper
85 100
87 33.6 15.9 47.6

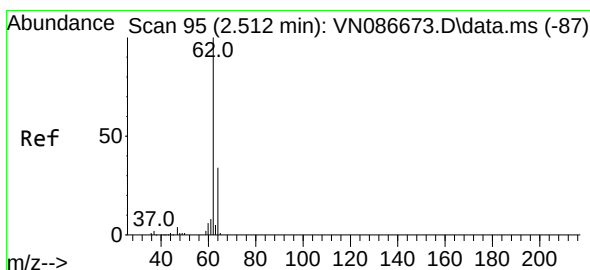
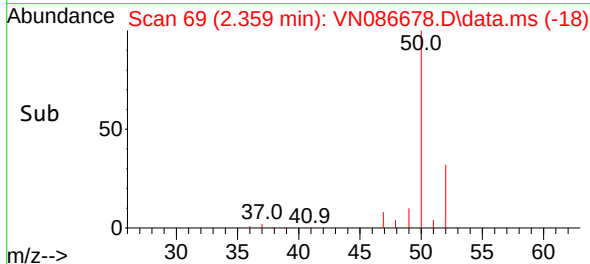
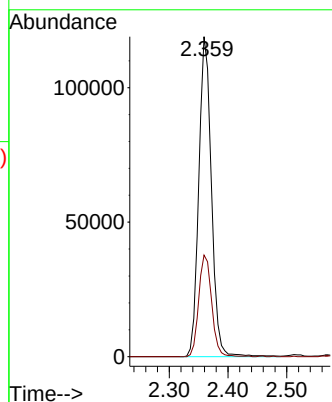
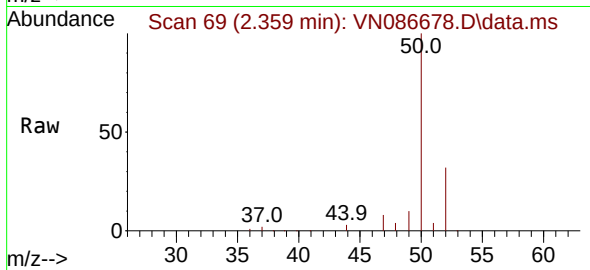




#3
Chloromethane
Concen: 49.744 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

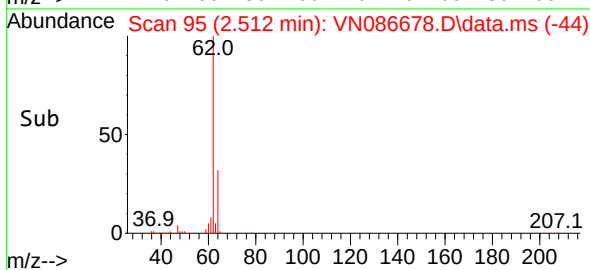
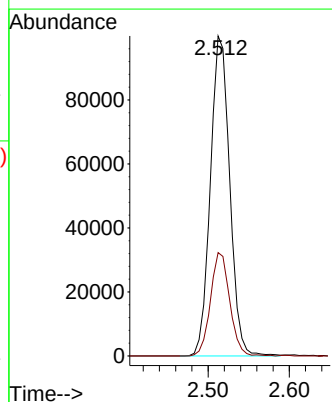
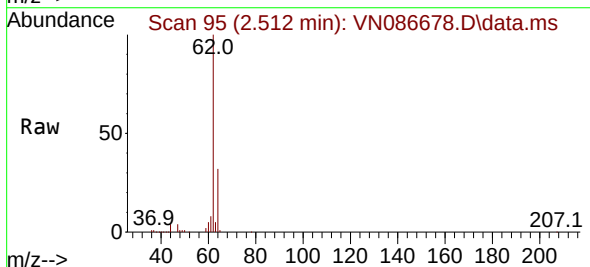
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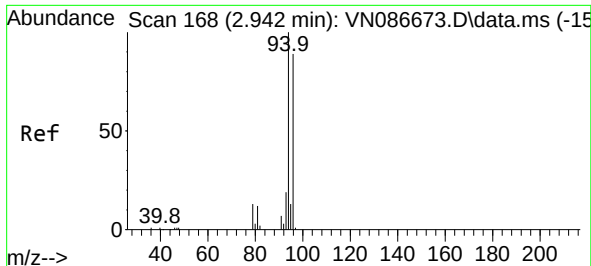
Tgt Ion: 50 Resp: 177395
Ion Ratio Lower Upper
50 100
52 31.8 25.9 38.9



#4
Vinyl Chloride
Concen: 51.602 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 62 Resp: 165267
Ion Ratio Lower Upper
62 100
64 32.3 26.9 40.3

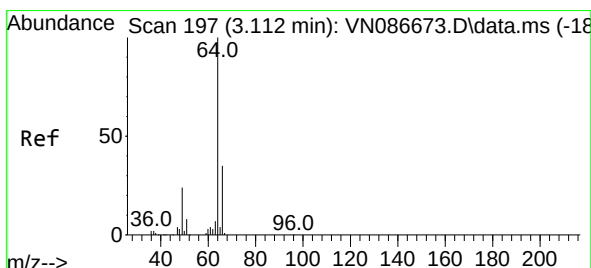
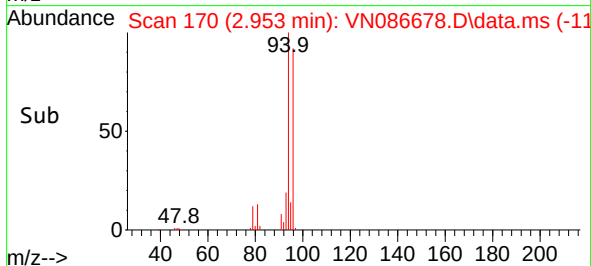
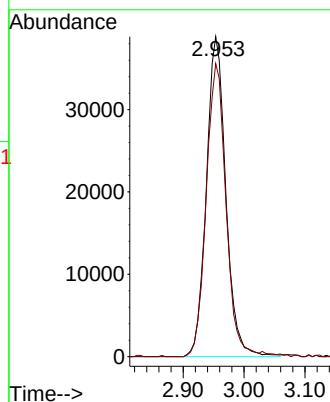
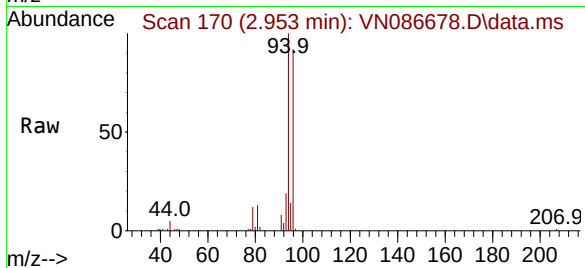




#5
Bromomethane
Concen: 46.772 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

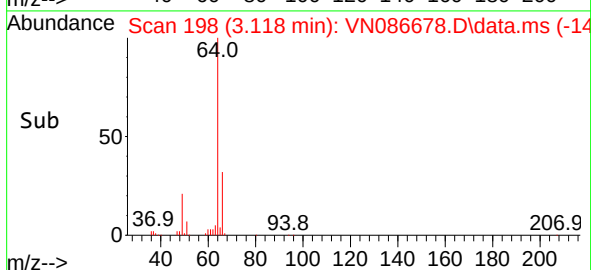
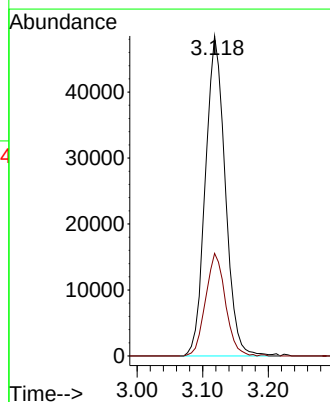
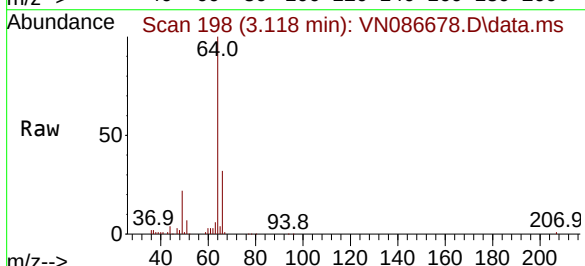
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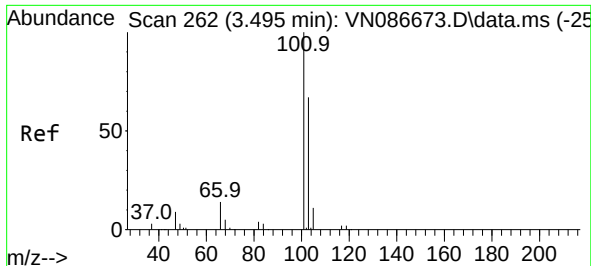
Tgt Ion: 94 Resp: 86355
Ion Ratio Lower Upper
94 100
96 91.6 71.2 106.8



#6
Chloroethane
Concen: 48.758 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 64 Resp: 102298
Ion Ratio Lower Upper
64 100
66 32.0 27.7 41.5

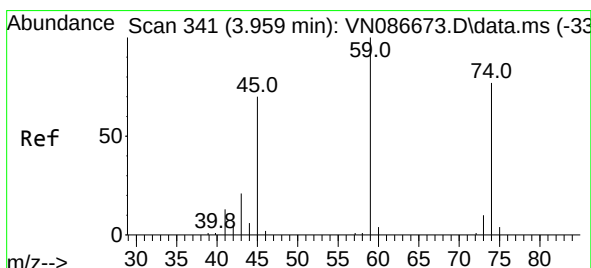
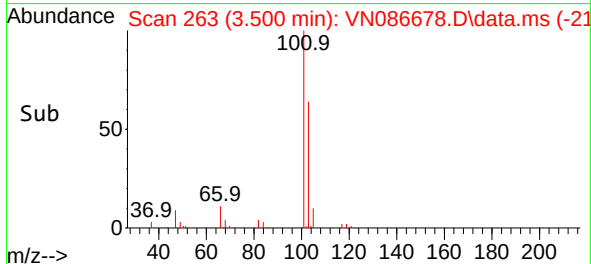
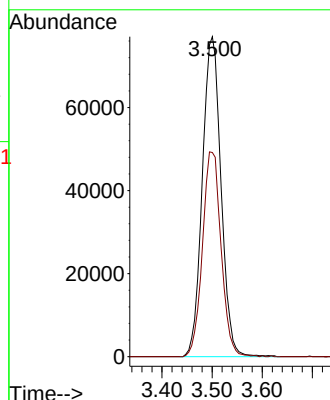
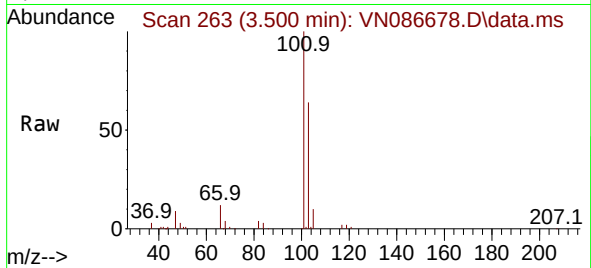




#7
 Trichlorofluoromethane
 Concen: 52.085 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.006 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

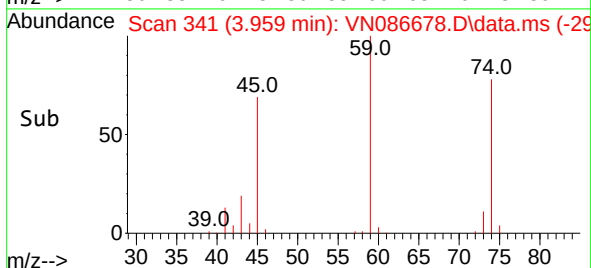
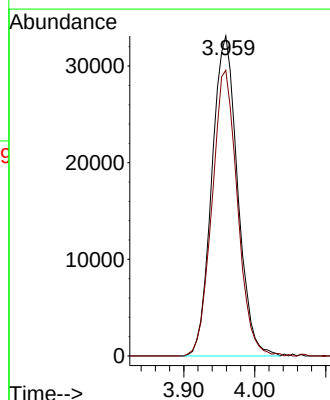
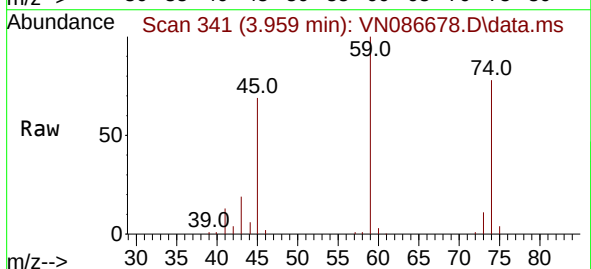
Instrument :
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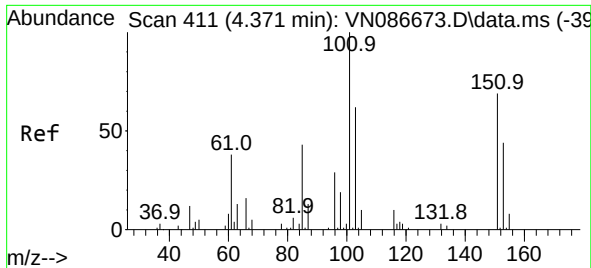
Tgt Ion:101 Resp: 199352
 Ion Ratio Lower Upper
 101 100
 103 63.8 53.4 80.0



#8
 Diethyl Ether
 Concen: 52.745 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086678.D
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Tgt Ion: 74 Resp: 83397
 Ion Ratio Lower Upper
 74 100
 45 88.2 45.0 135.0

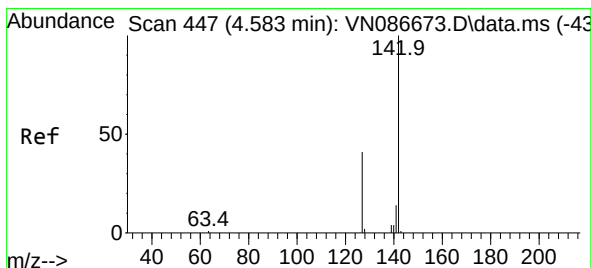
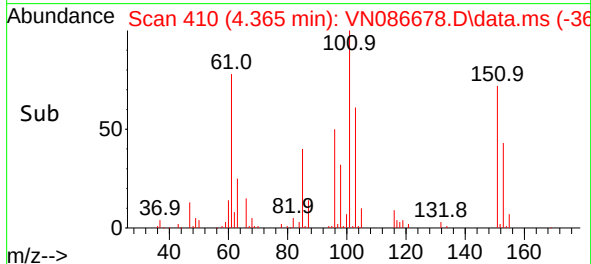
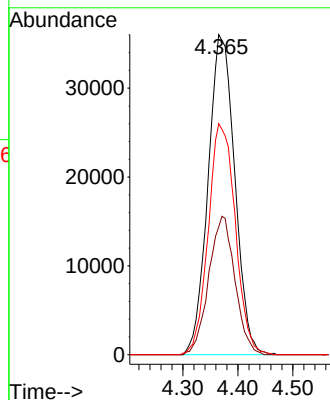
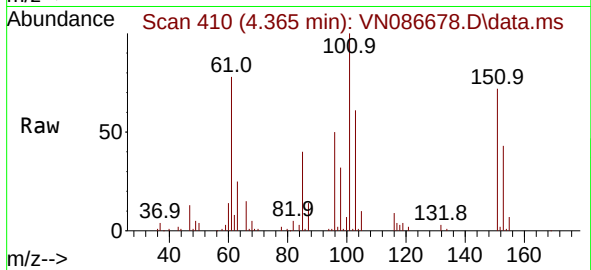




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.030 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

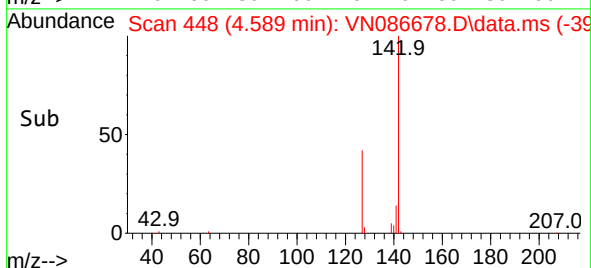
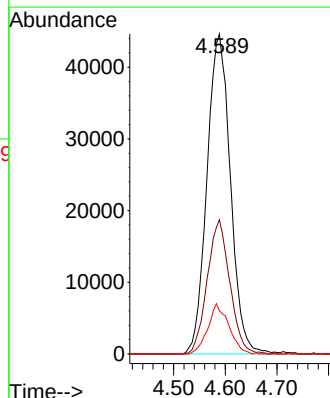
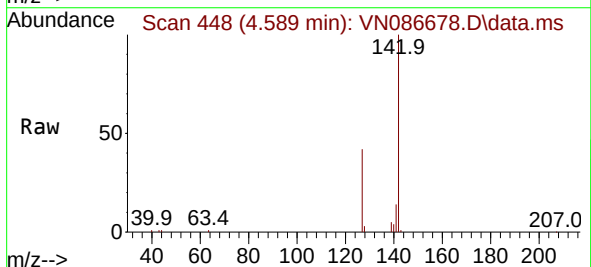
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

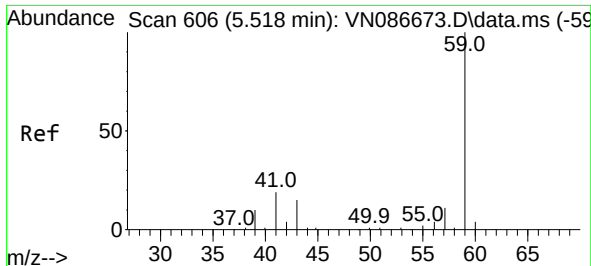
Tgt Ion:101 Resp: 121510
Ion Ratio Lower Upper
101 100
85 42.4 35.0 52.6
151 73.1 58.1 87.1



#10
Methyl Iodide
Concen: 49.371 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion:142 Resp: 140719
Ion Ratio Lower Upper
142 100
127 42.0 32.4 48.6
141 13.5 11.4 17.2

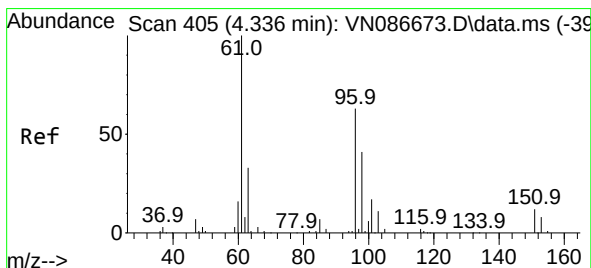
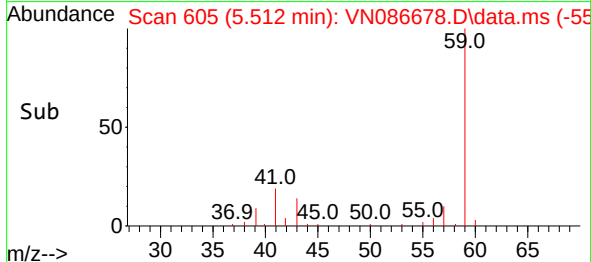
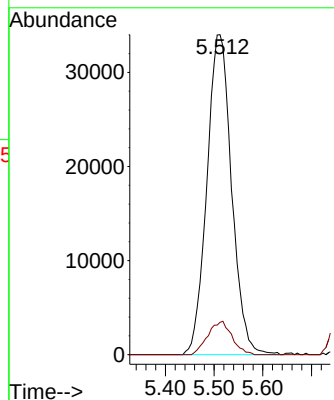
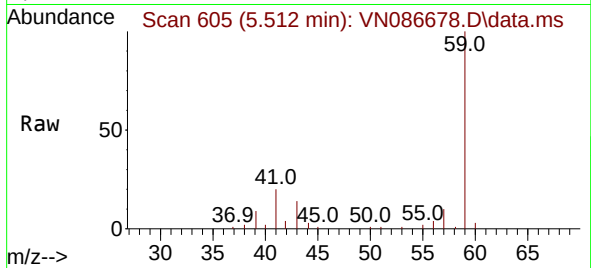




#11
Tert butyl alcohol
Concen: 218.251 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

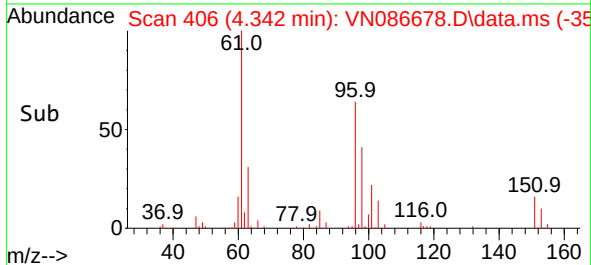
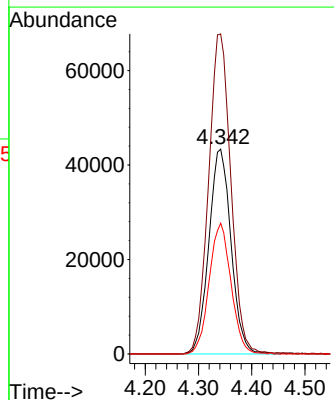
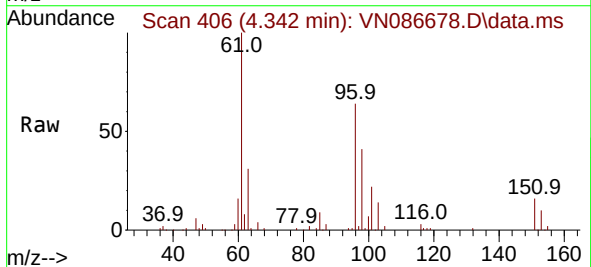
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

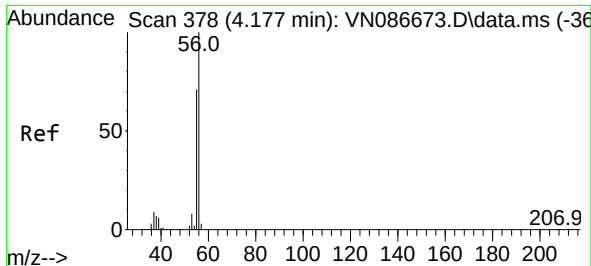
Tgt Ion: 59 Resp: 119916
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 51.515 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 96 Resp: 125445
Ion Ratio Lower Upper
96 100
61 156.3 126.2 189.2
98 63.8 51.5 77.3

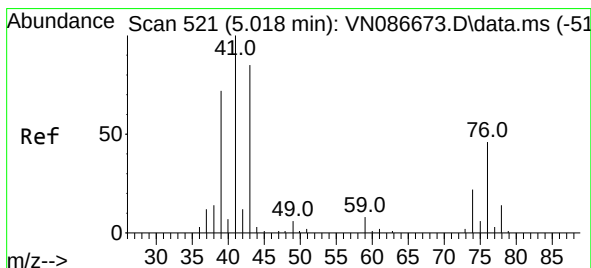
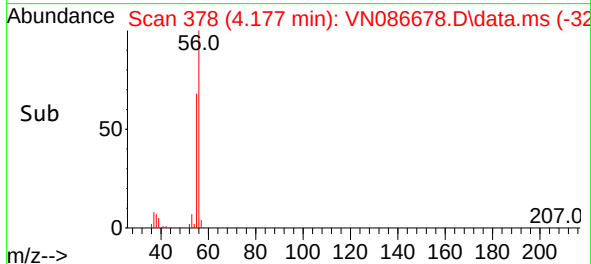
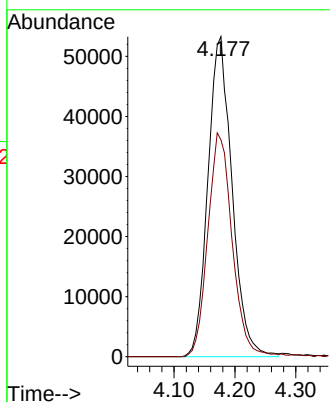
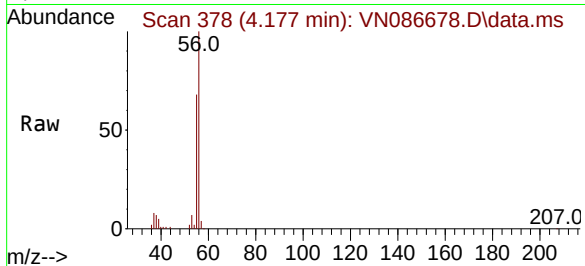




#13
Acrolein
Concen: 249.729 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

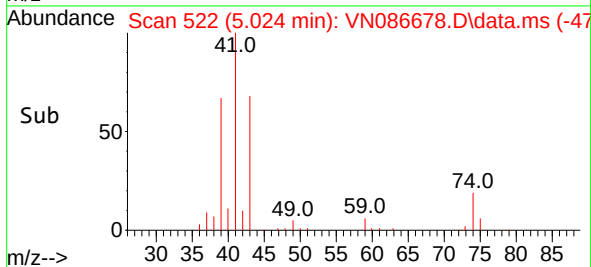
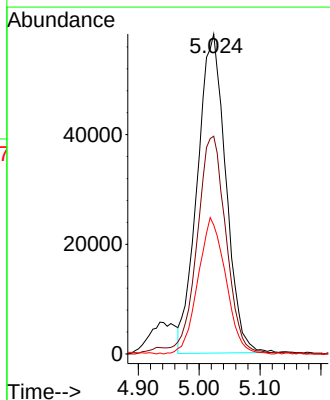
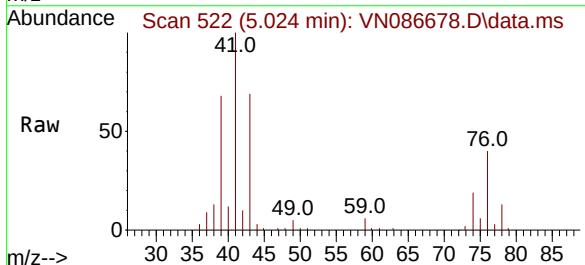
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

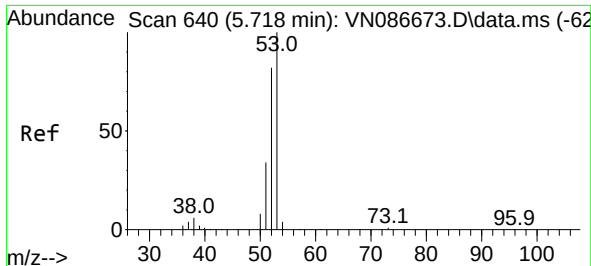
Tgt Ion: 56 Resp: 146682
Ion Ratio Lower Upper
56 100
55 70.7 55.7 83.5



#14
Allyl chloride
Concen: 51.195 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 41 Resp: 188696
Ion Ratio Lower Upper
41 100
39 68.6 57.4 86.0
76 41.8 33.2 49.8

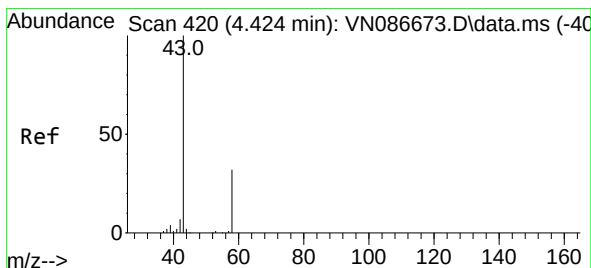
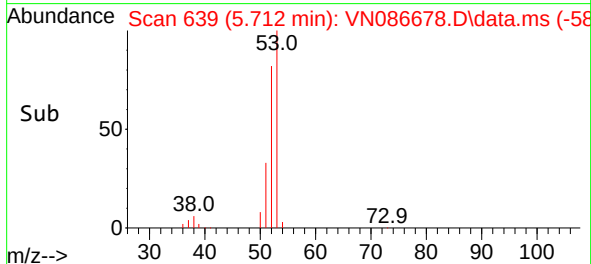
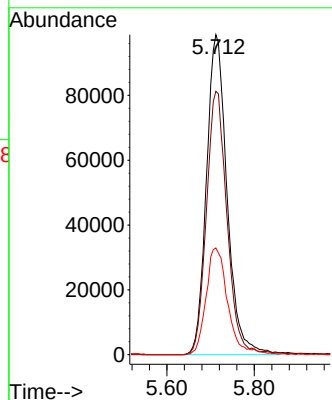
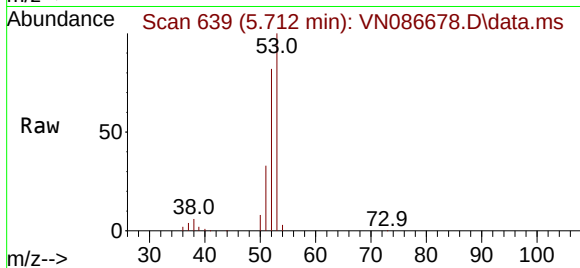




#15
Acrylonitrile
Concen: 238.337 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

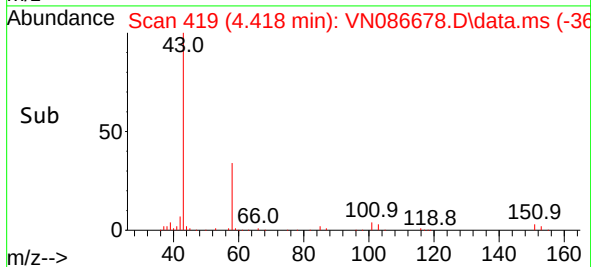
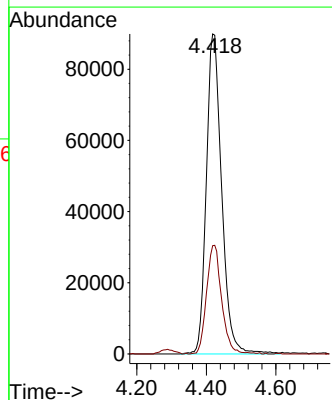
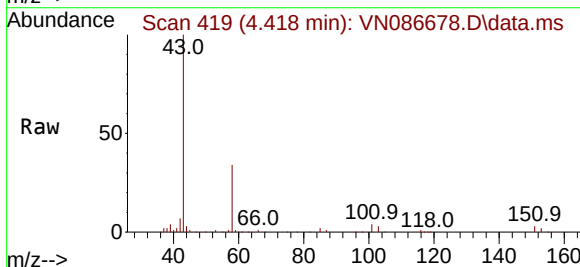
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

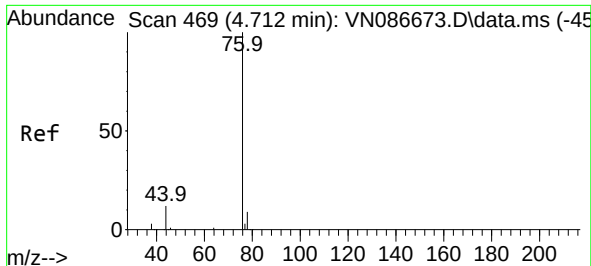
Tgt Ion: 53 Resp: 324234
Ion Ratio Lower Upper
53 100
52 82.4 65.4 98.2
51 35.1 27.9 41.9



#16
Acetone
Concen: 243.885 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 43 Resp: 275223
Ion Ratio Lower Upper
43 100
58 33.7 25.8 38.6

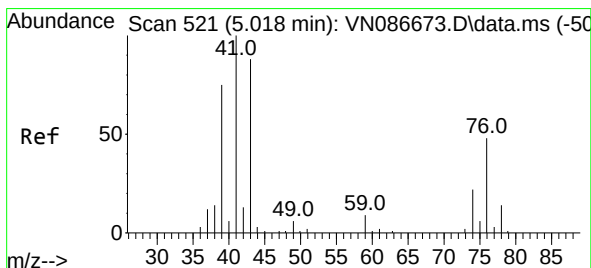
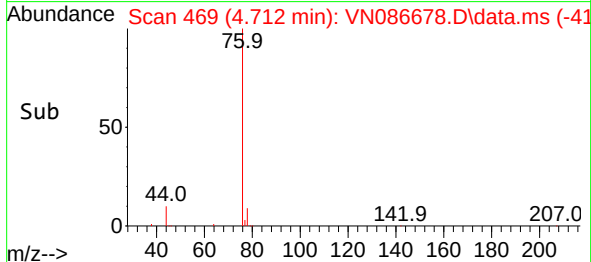
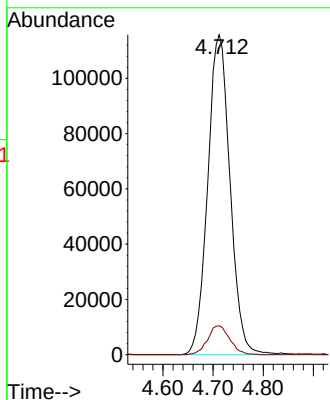
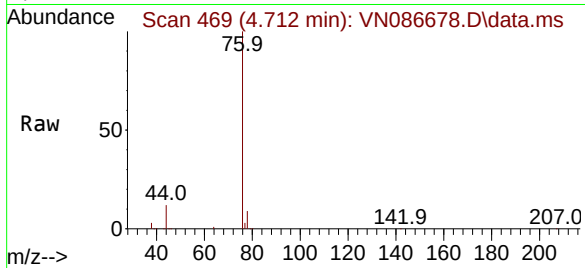




#17
Carbon Disulfide
Concen: 53.091 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

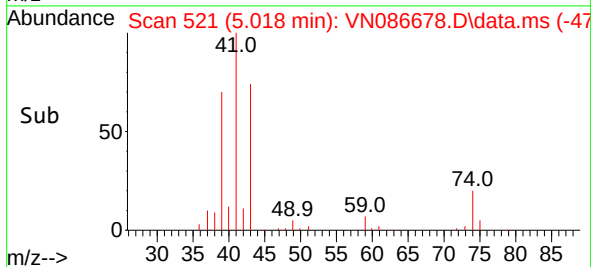
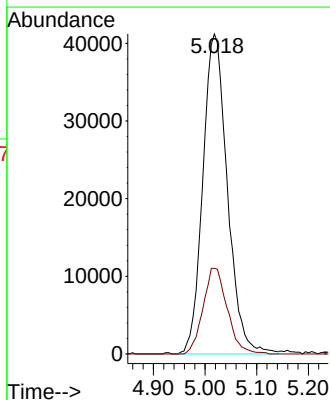
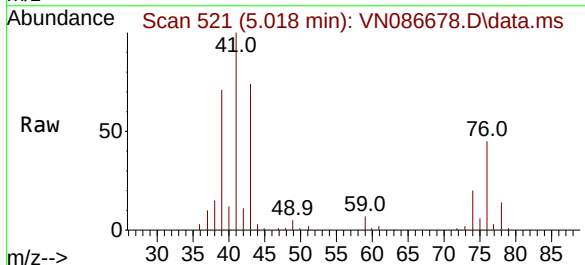
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

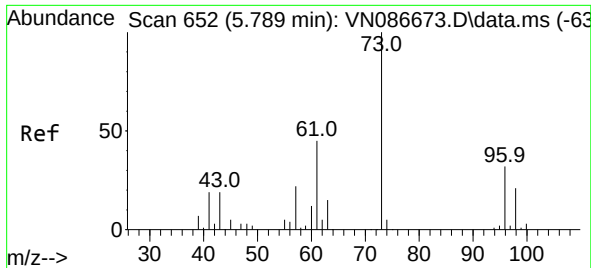
Tgt Ion: 76 Resp: 357938
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 43.101 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 43 Resp: 136135
Ion Ratio Lower Upper
43 100
74 26.4 20.5 30.7

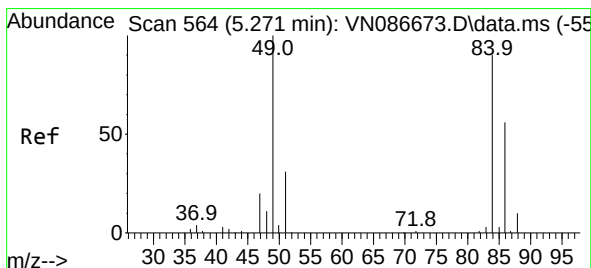
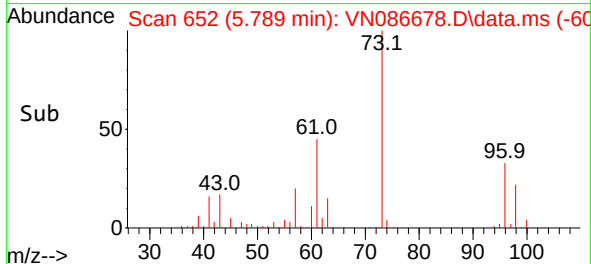
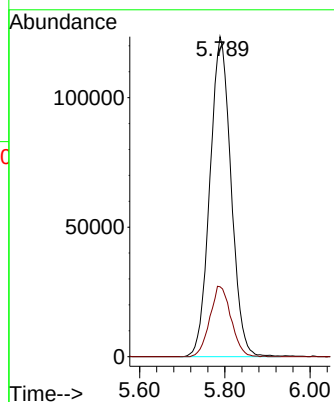
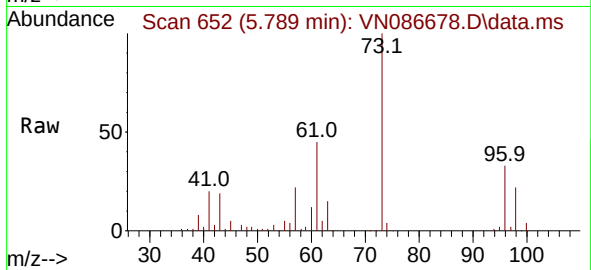




#19
Methyl tert-butyl Ether
Concen: 51.481 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

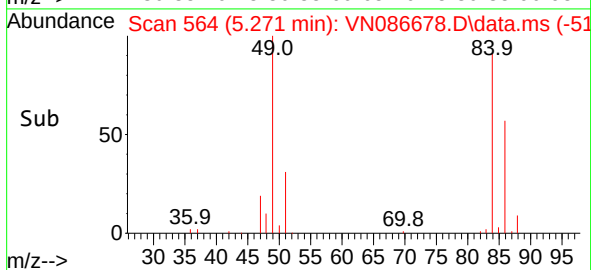
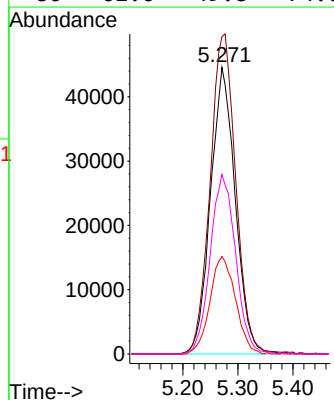
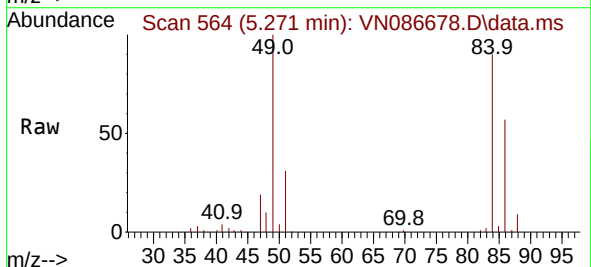
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

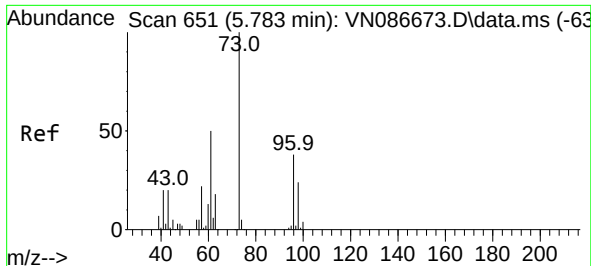
Tgt Ion: 73 Resp: 426859
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 46.765 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 84 Resp: 139264
Ion Ratio Lower Upper
84 100
49 110.7 88.8 133.2
51 34.0 27.8 41.6
86 62.6 49.8 74.6

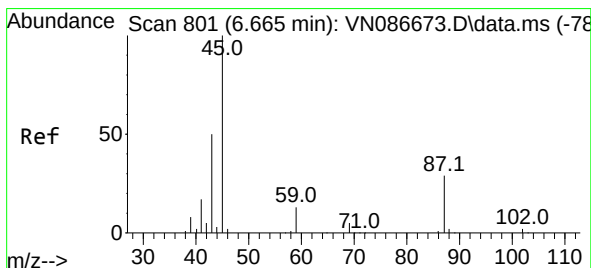
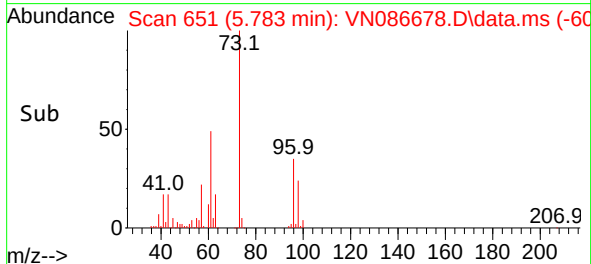
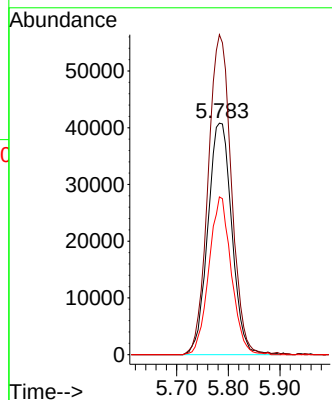
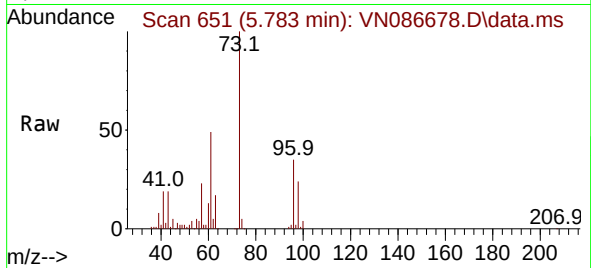




#21
trans-1,2-Dichloroethene
Concen: 51.093 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

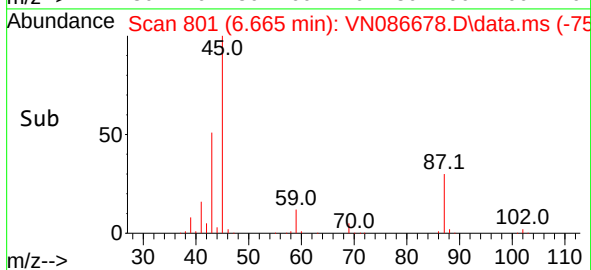
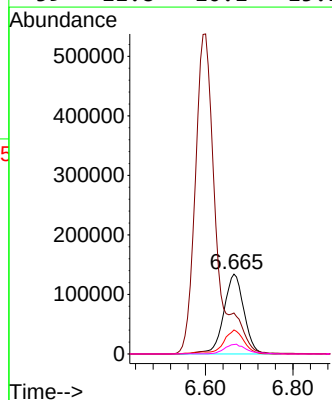
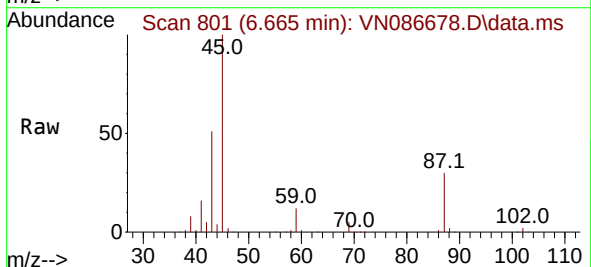
Instrument :
MSVOA_N
ClientSampleId :
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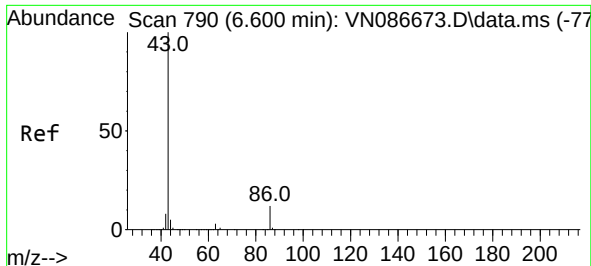
Tgt Ion: 96 Resp: 131544
Ion Ratio Lower Upper
96 100
61 138.2 105.7 158.5
98 68.2 51.0 76.6



#22
Diisopropyl ether
Concen: 51.547 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 45 Resp: 428632
Ion Ratio Lower Upper
45 100
43 50.4 41.4 62.2
87 29.9 22.9 34.3
59 11.8 10.1 15.1

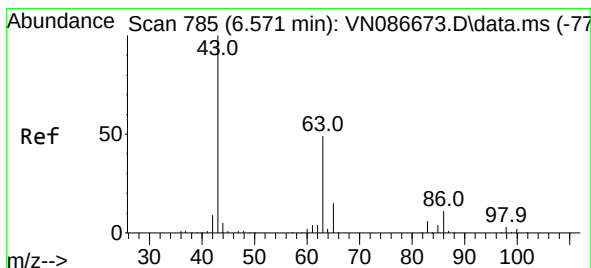
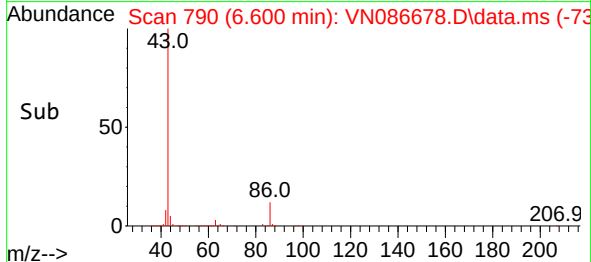
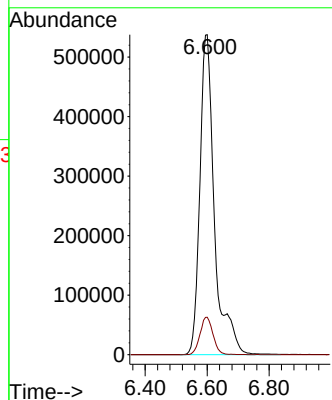
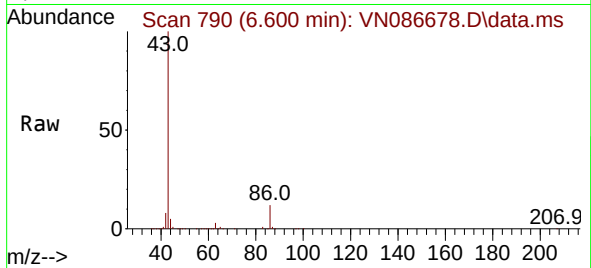




#23
 Vinyl Acetate
 Concen: 281.640 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

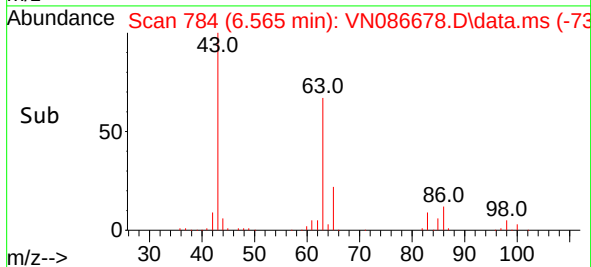
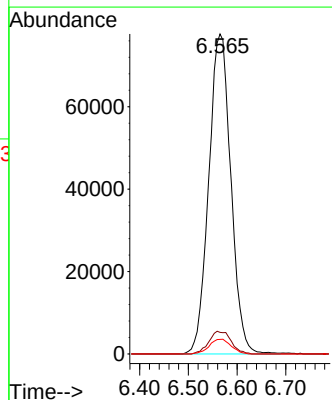
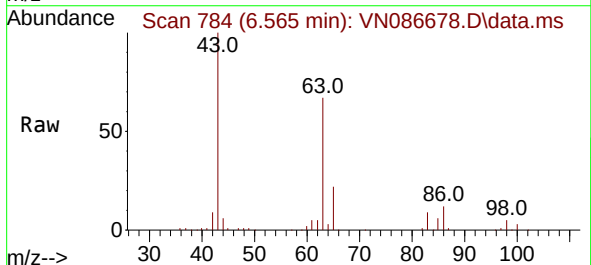
Instrument :
 MSVOA_N
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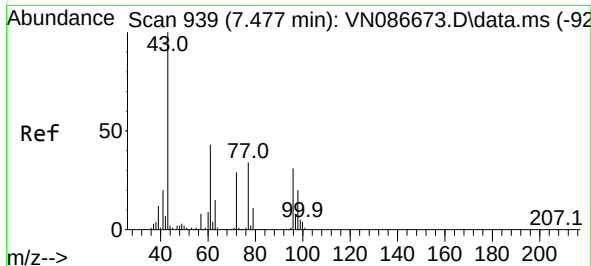
Tgt Ion: 43 Resp: 1760106
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 50.125 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

Tgt Ion: 63 Resp: 244716
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.6 2.4 7.1

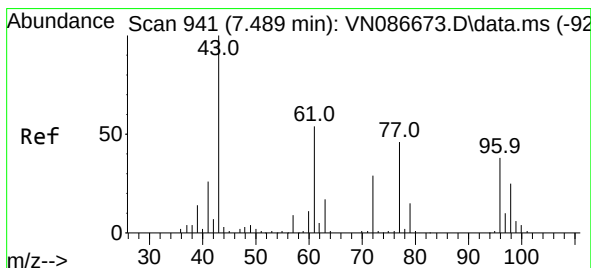
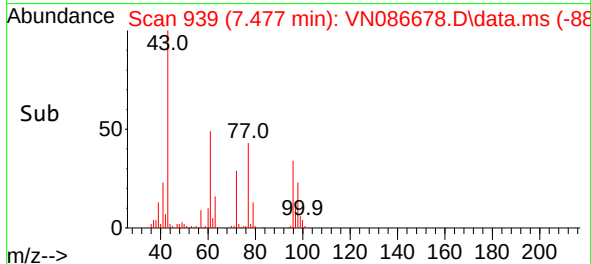
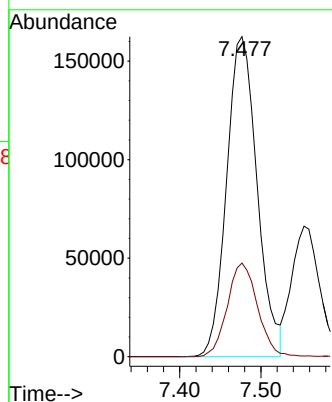
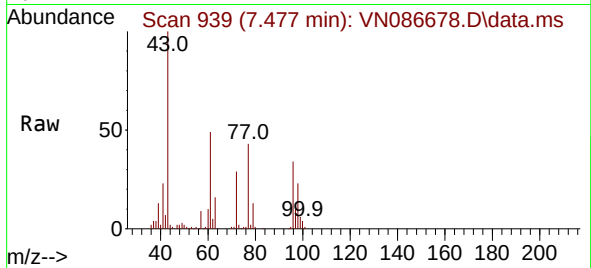




#25
2-Butanone
Concen: 243.440 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

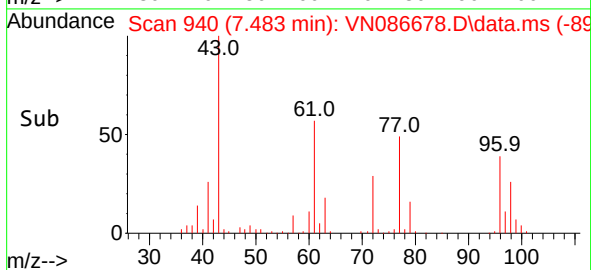
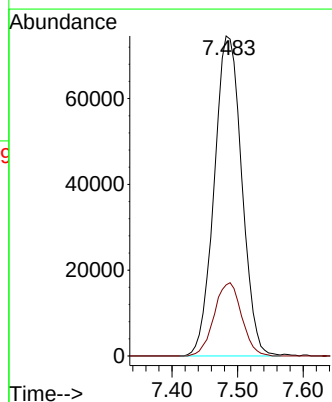
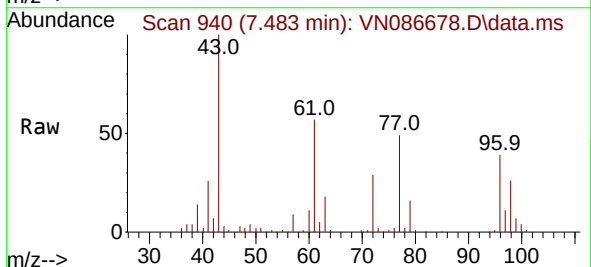
Instrument :
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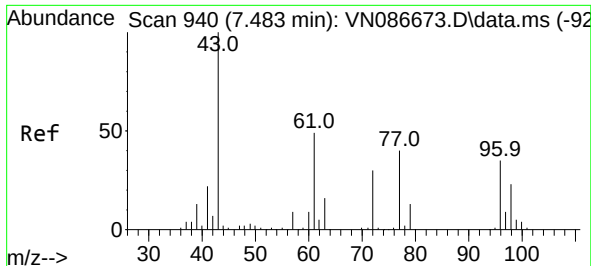
Tgt Ion: 43 Resp: 424521
Ion Ratio Lower Upper
43 100
72 29.3 23.1 34.7



#26
2,2-Dichloropropane
Concen: 53.973 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 77 Resp: 217452
Ion Ratio Lower Upper
77 100
97 22.8 11.6 34.7



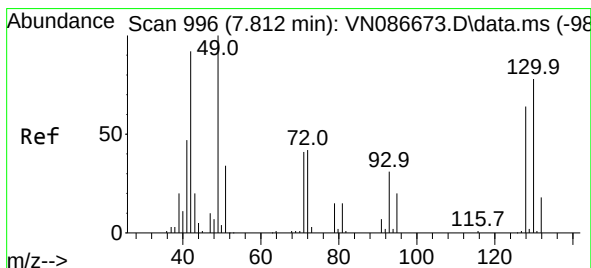
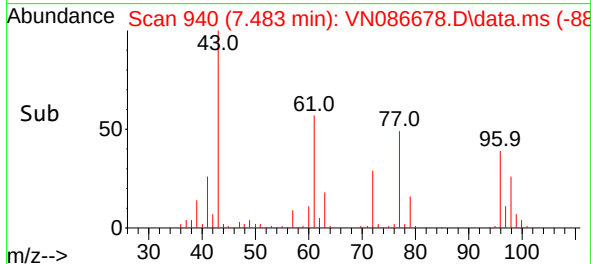
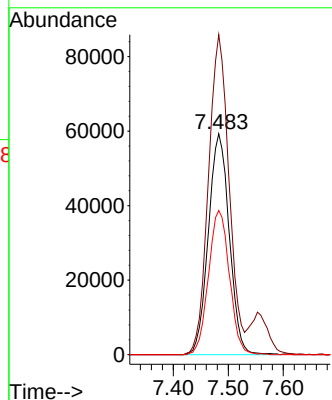
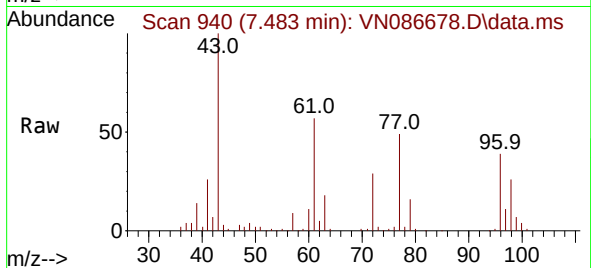


#27
 cis-1,2-Dichloroethene
 Concen: 49.671 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 156969

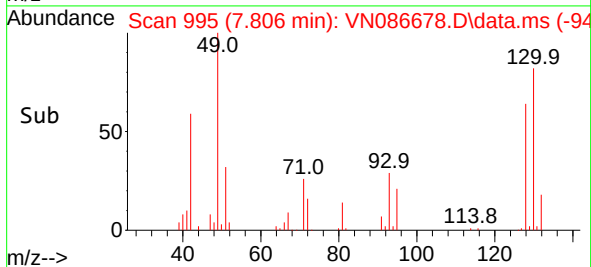
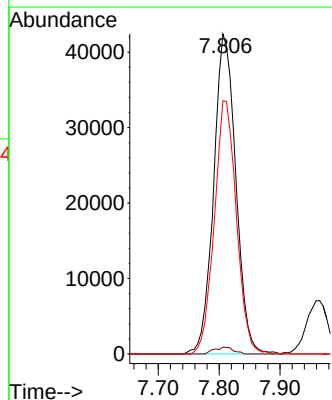
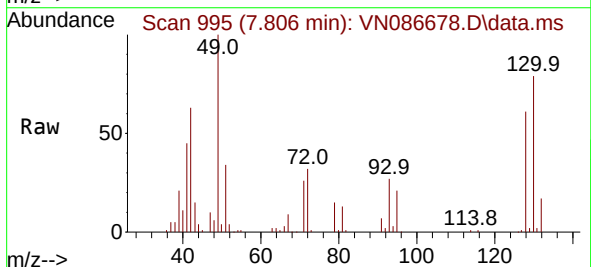
Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	277.4
98	65.3	0.0	129.6

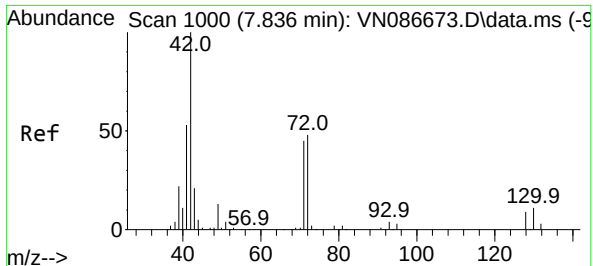


#28
 Bromochloromethane
 Concen: 48.484 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

Tgt Ion: 49 Resp: 107543

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	78.6	62.2	93.4





#29

Tetrahydrofuran

Concen: 237.838 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

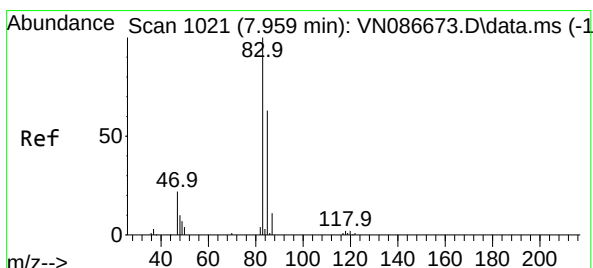
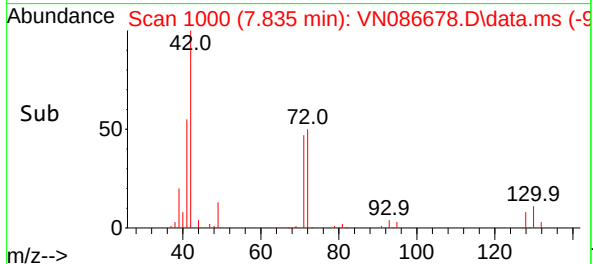
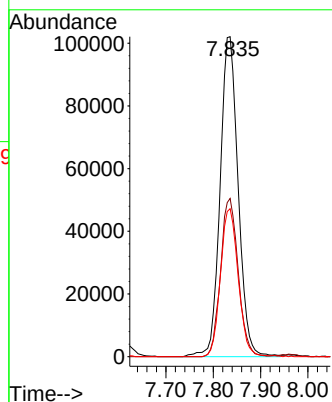
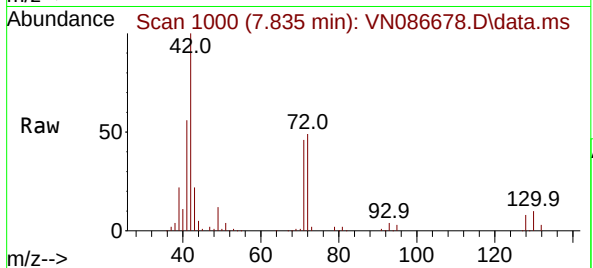
Tgt Ion: 42 Resp: 270715

Ion Ratio Lower Upper

42 100

72 48.2 38.7 58.1

71 45.3 36.2 54.4



#30

Chloroform

Concen: 48.614 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VN086678.D

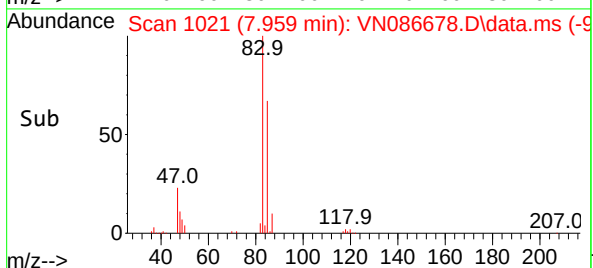
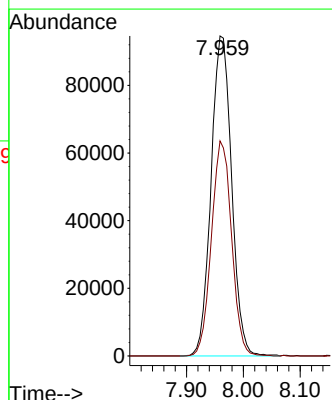
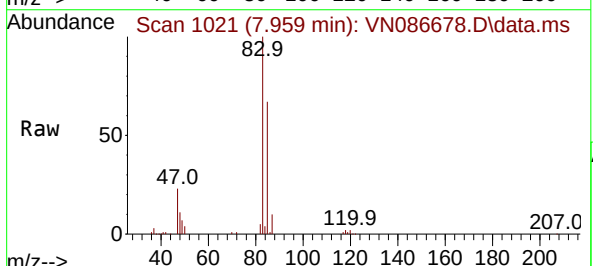
Acq: 19 May 2025 10:12

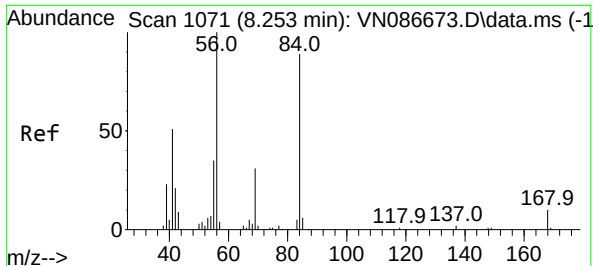
Tgt Ion: 83 Resp: 237553

Ion Ratio Lower Upper

83 100

85 67.2 50.2 75.4

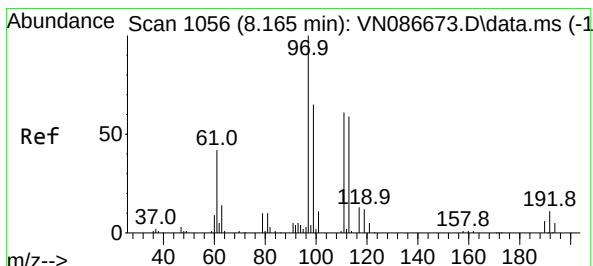
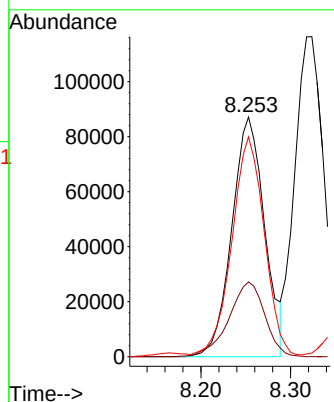
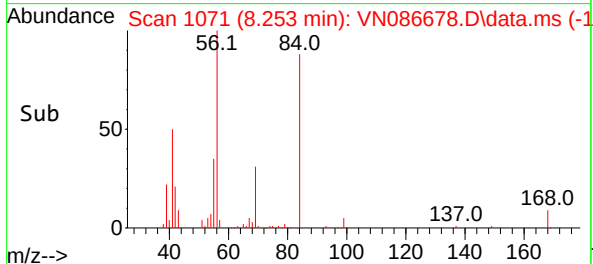
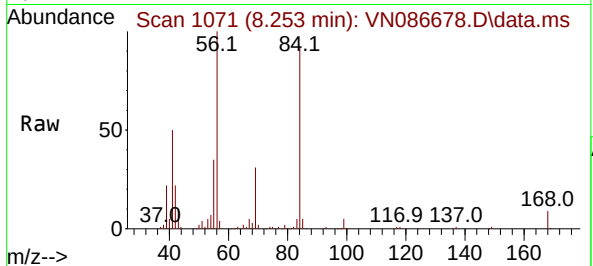




#31
Cyclohexane
Concen: 48.809 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

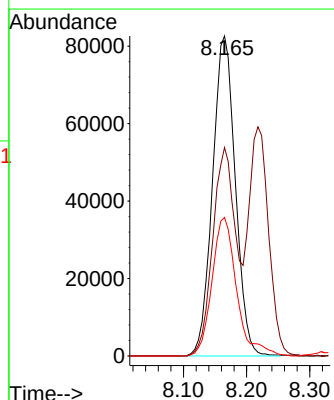
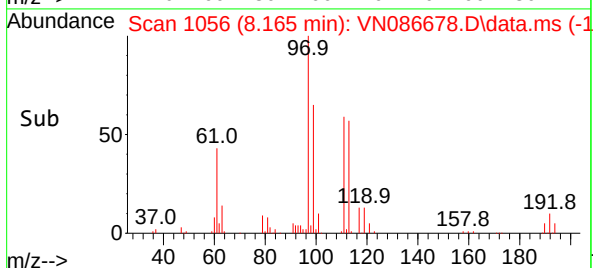
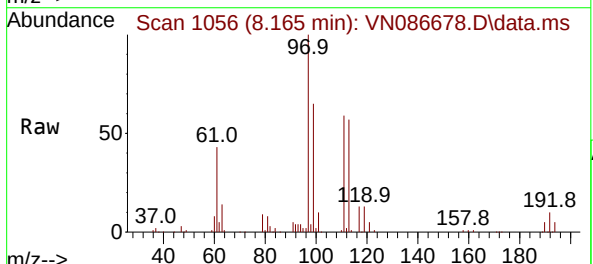
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

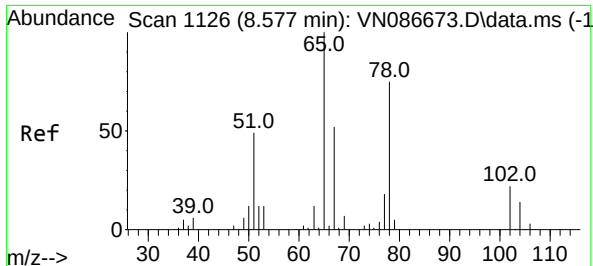
Tgt Ion: 56 Resp: 220996
Ion Ratio Lower Upper
56 100
69 31.0 25.0 37.6
84 90.5 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 50.325 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 97 Resp: 207333
Ion Ratio Lower Upper
97 100
99 66.7 52.6 79.0
61 46.7 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 46.649 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

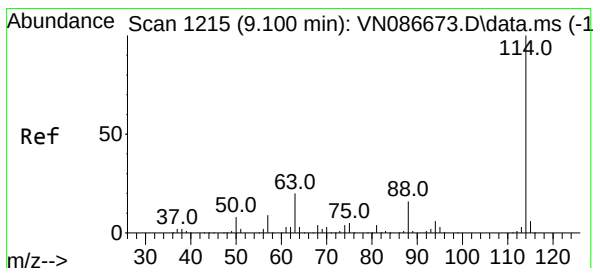
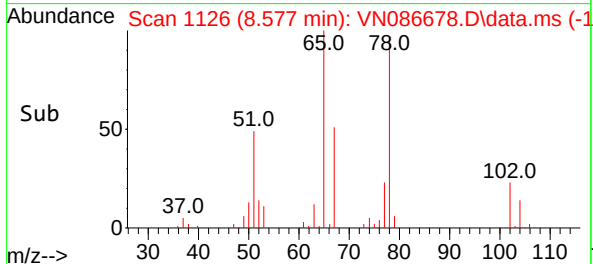
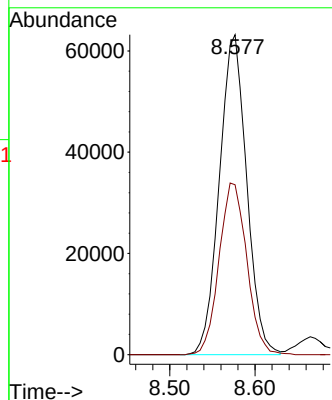
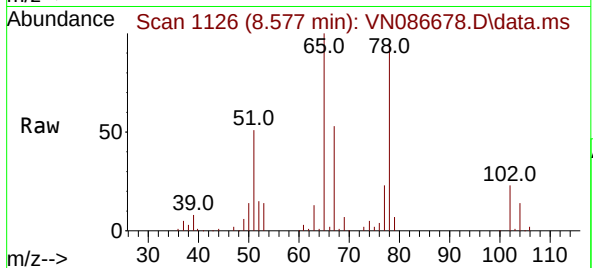
VSTDCCC050

Tgt Ion: 65 Resp: 140733

Ion Ratio Lower Upper

65 100

67 54.5 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

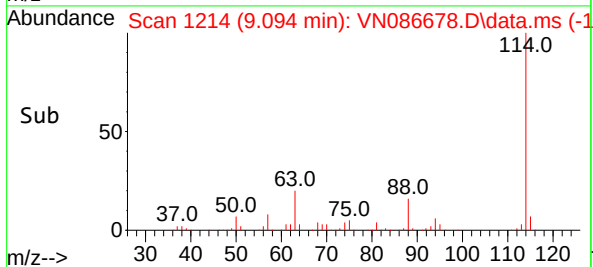
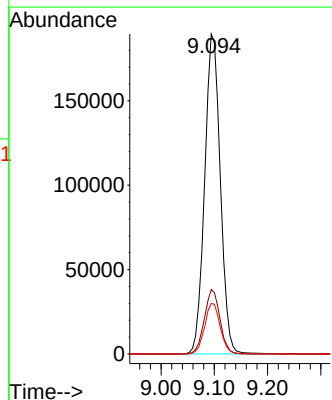
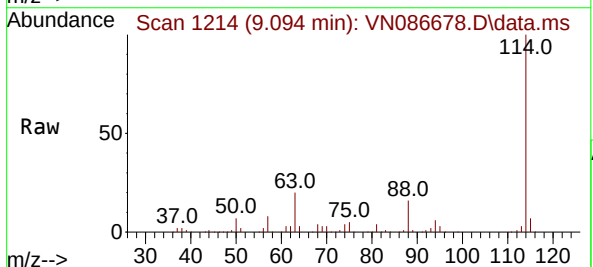
Tgt Ion: 114 Resp: 387311

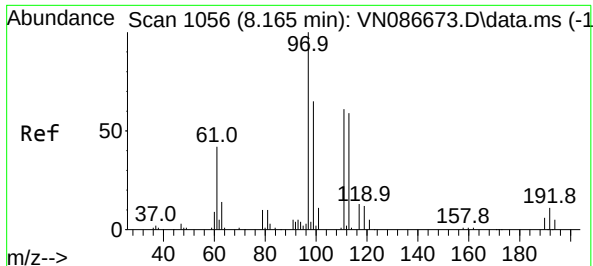
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.8 0.0 31.2

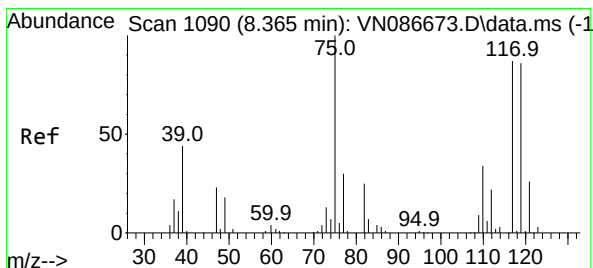
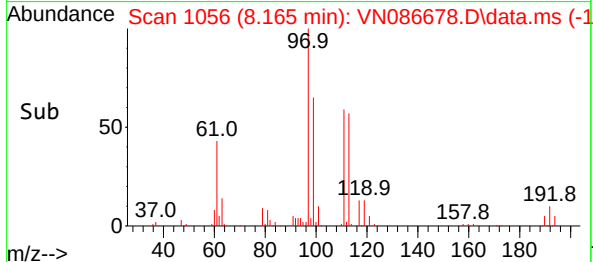
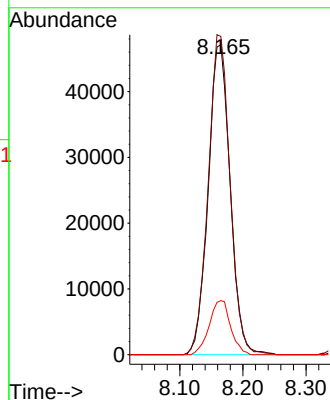
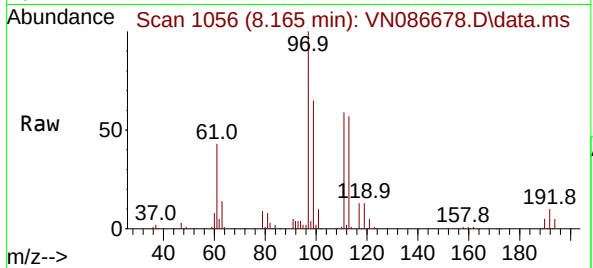




#35
Dibromofluoromethane
Concen: 49.353 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

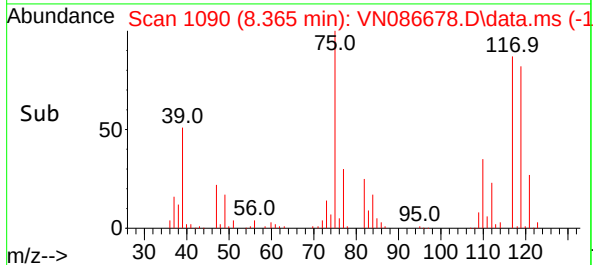
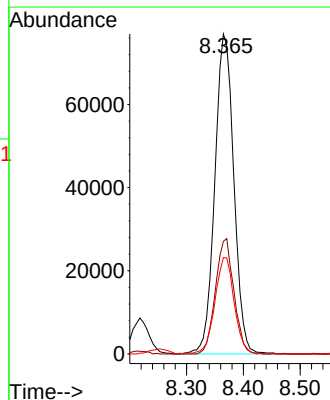
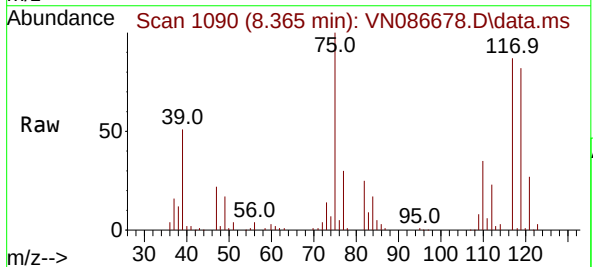
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

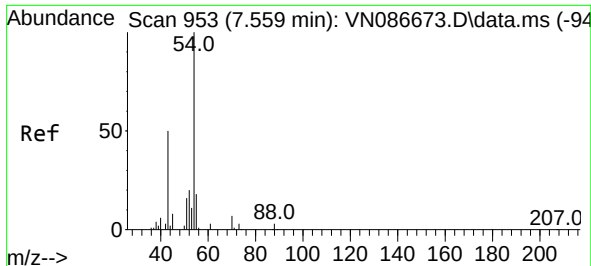
Tgt Ion:113 Resp: 113837
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 17.0 13.8 20.8



#36
1,1-Dichloropropene
Concen: 52.615 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 75 Resp: 179013
Ion Ratio Lower Upper
75 100
110 35.0 17.5 52.5
77 30.6 25.1 37.7

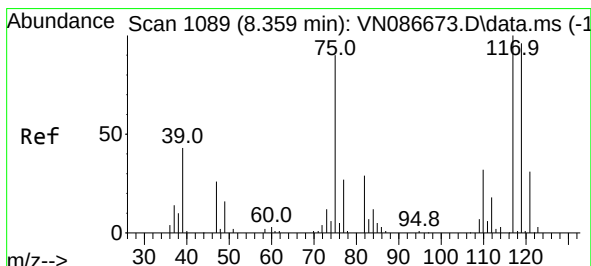
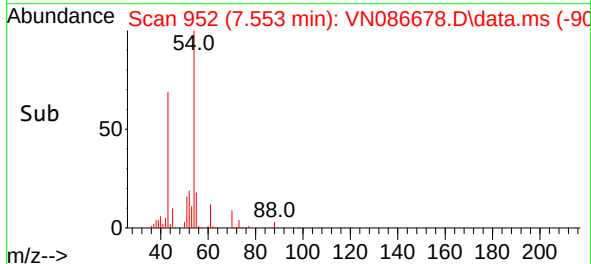
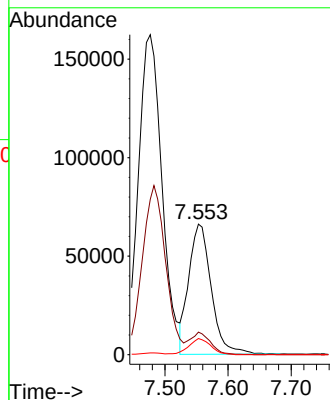
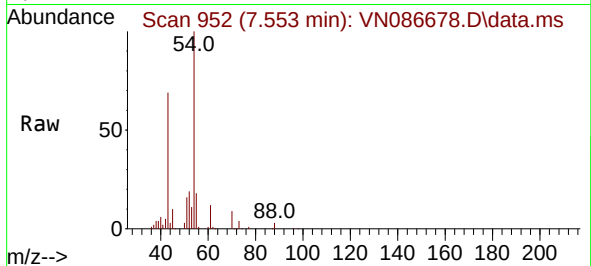




#37
Ethyl Acetate
Concen: 47.506 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

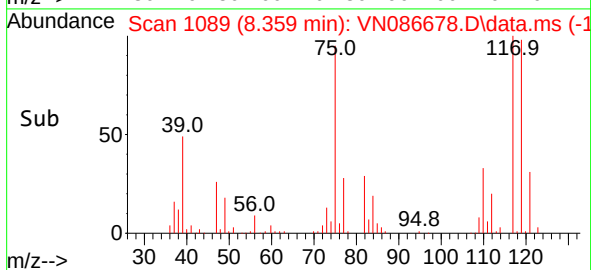
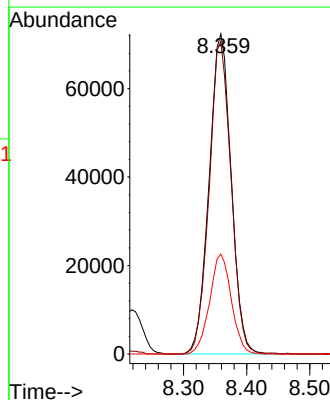
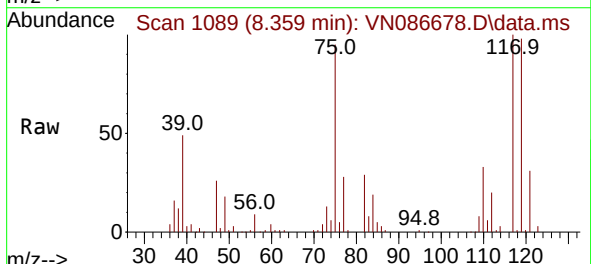
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

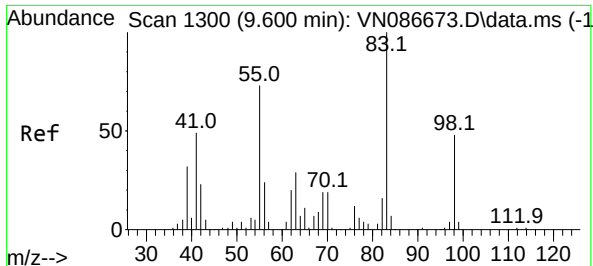
Tgt Ion: 43 Resp: 163270
Ion Ratio Lower Upper
43 100
61 14.5 11.6 17.4
70 11.9 9.4 14.0



#38
Carbon Tetrachloride
Concen: 52.381 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 117 Resp: 175597
Ion Ratio Lower Upper
117 100
119 97.7 77.0 115.6
121 31.2 25.0 37.6





#39

Methylcyclohexane

Concen: 56.048 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

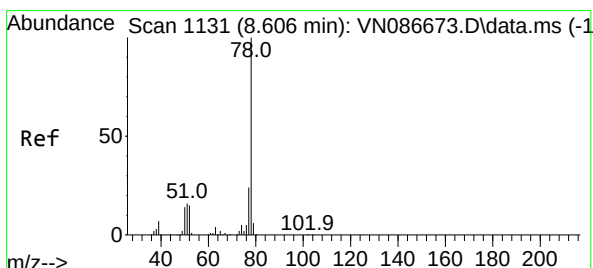
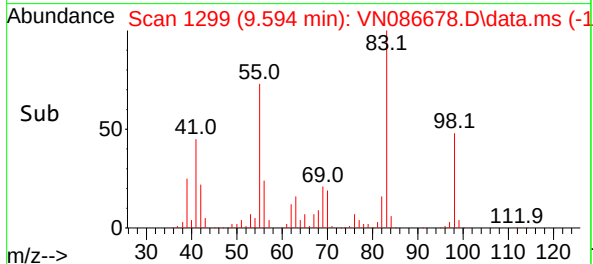
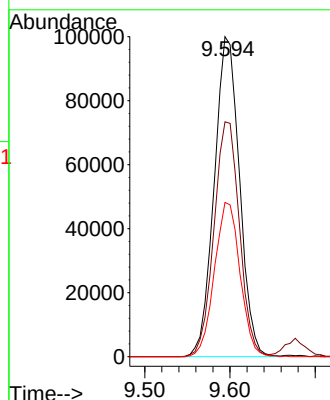
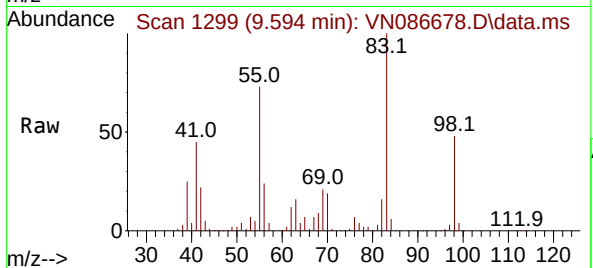
Tgt Ion: 83 Resp: 206391

Ion Ratio Lower Upper

83 100

55 73.4 58.2 87.4

98 48.2 38.4 57.6



#40

Benzene

Concen: 51.190 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086678.D

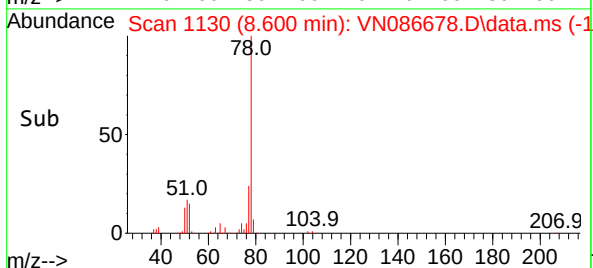
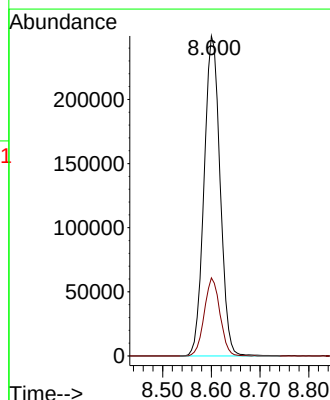
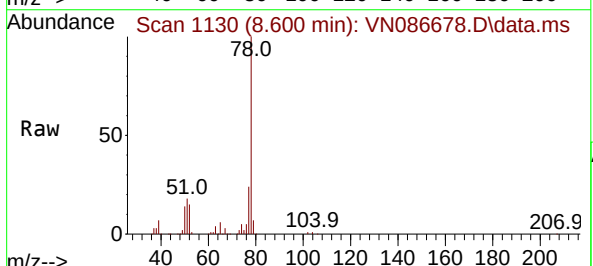
Acq: 19 May 2025 10:12

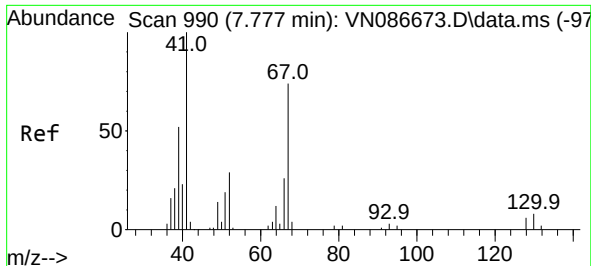
Tgt Ion: 78 Resp: 568159

Ion Ratio Lower Upper

78 100

77 24.4 19.1 28.7

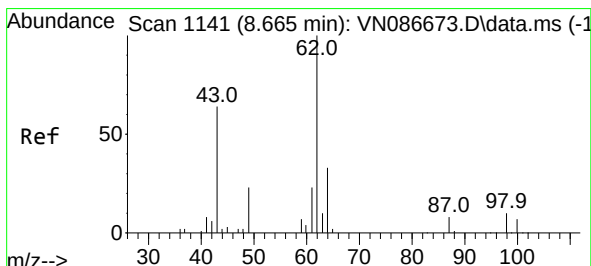
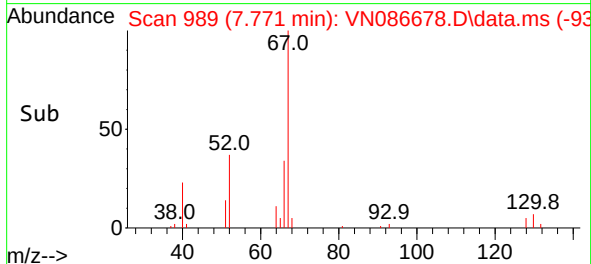
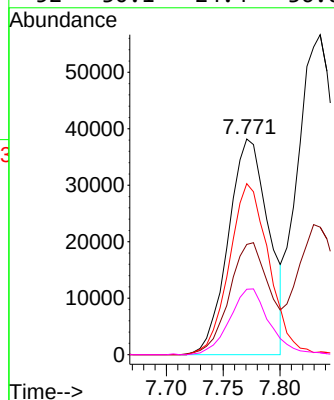
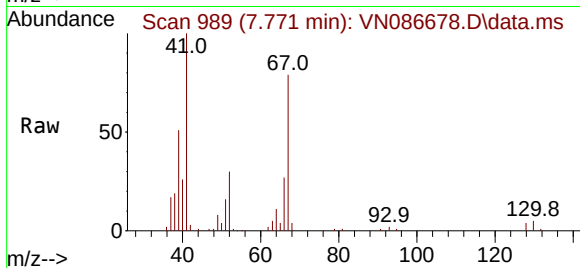




#41
Methacrylonitrile
Concen: 50.989 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

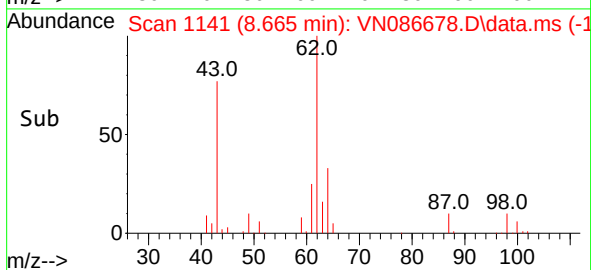
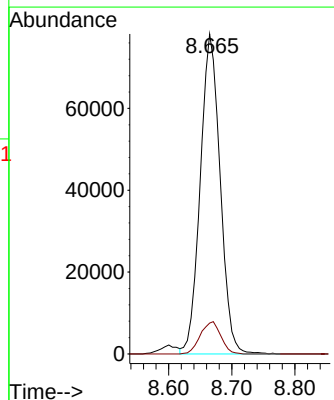
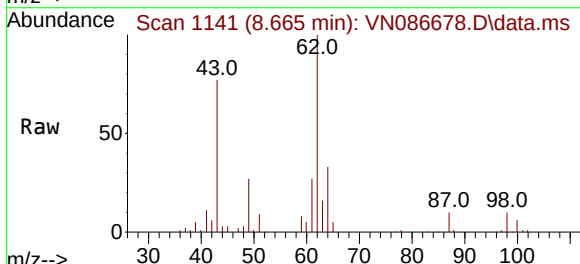
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

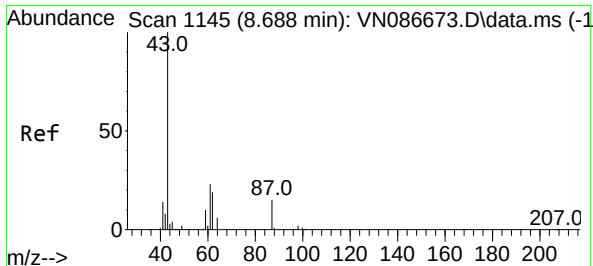
Tgt Ion:	41	Resp:	94619
Ion	Ratio	Lower	Upper
41	100		
39	51.5	44.9	67.3
67	78.3	63.4	95.0
52	30.1	24.4	36.6



#42
1,2-Dichloroethane
Concen: 49.506 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion:	62	Resp:	171184
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.2

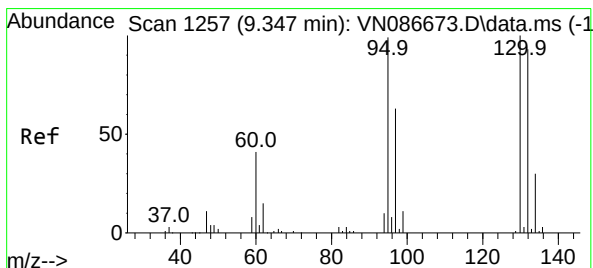
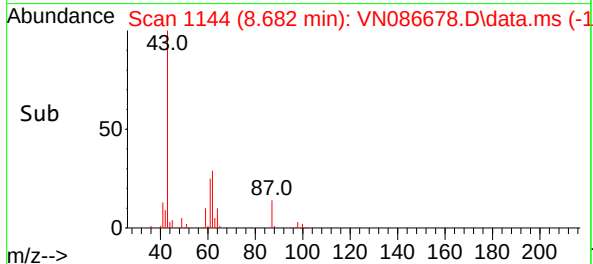
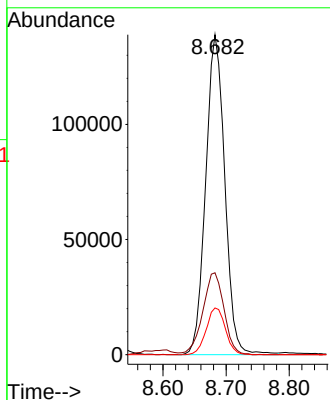
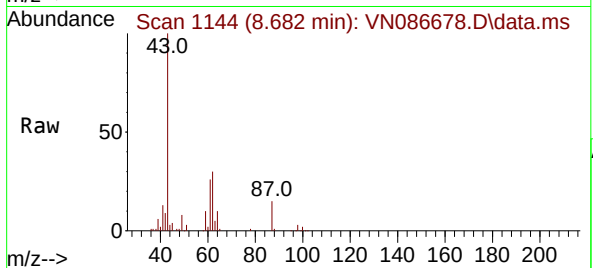




#43
Isopropyl Acetate
Concen: 42.419 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

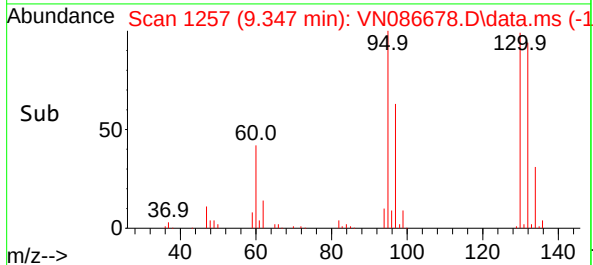
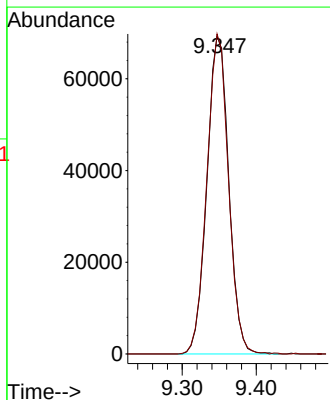
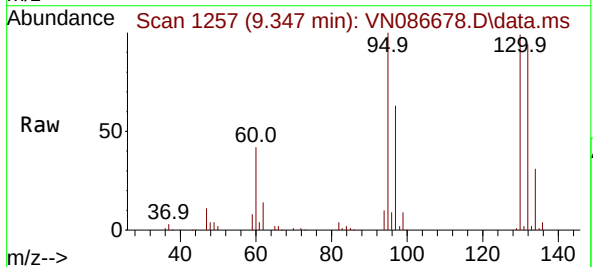
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

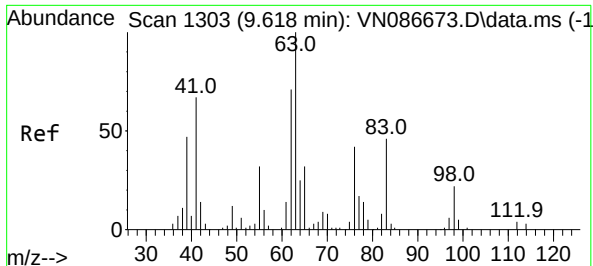
Tgt Ion: 43 Resp: 292257
Ion Ratio Lower Upper
43 100
61 28.5 21.4 32.2
87 14.6 11.1 16.7



#44
Trichloroethene
Concen: 52.980 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion:130 Resp: 141828
Ion Ratio Lower Upper
130 100
95 100.7 0.0 197.0





#45

1,2-Dichloropropane

Concen: 52.029 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

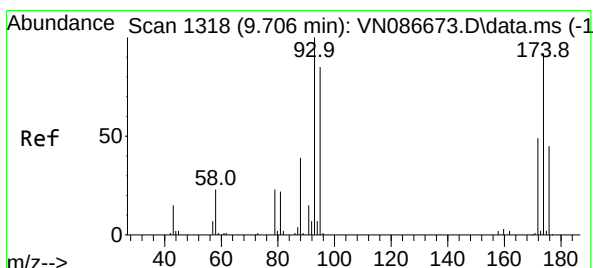
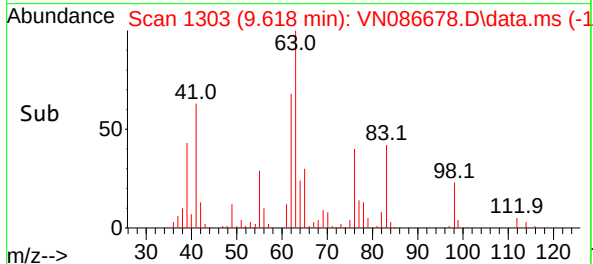
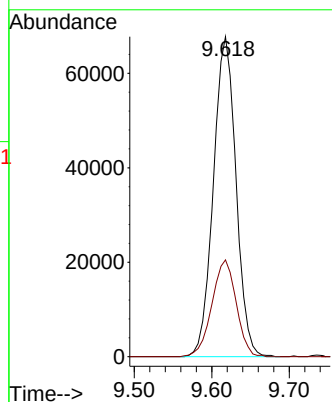
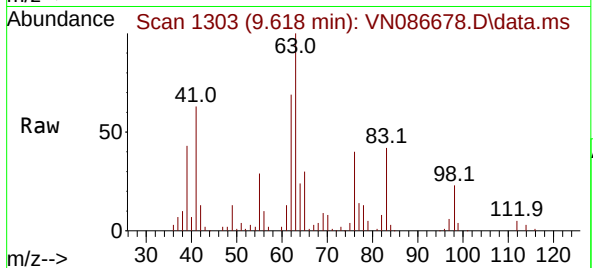
VSTDCCC050

Tgt Ion: 63 Resp: 137180

Ion Ratio Lower Upper

63 100

65 30.3 25.8 38.6



#46

Dibromomethane

Concen: 50.554 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

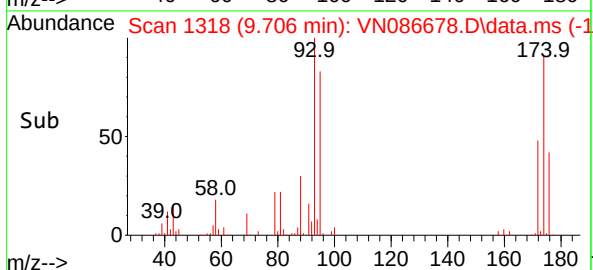
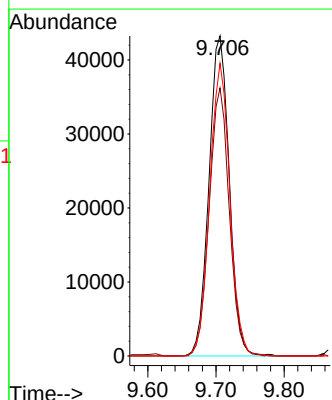
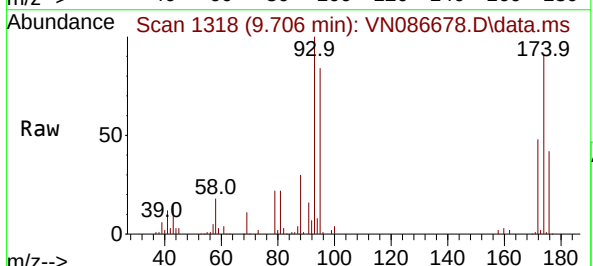
Tgt Ion: 93 Resp: 89941

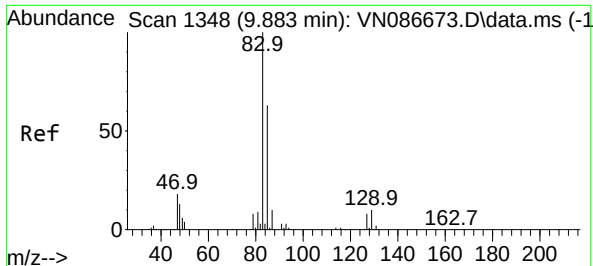
Ion Ratio Lower Upper

93 100

95 82.7 67.1 100.7

174 90.3 73.8 110.6

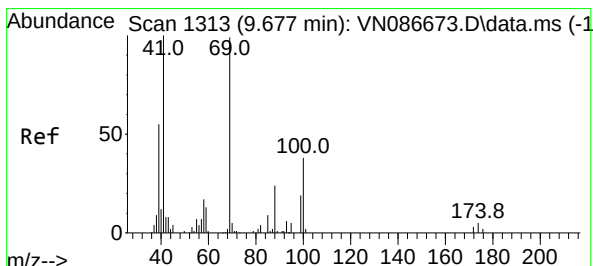
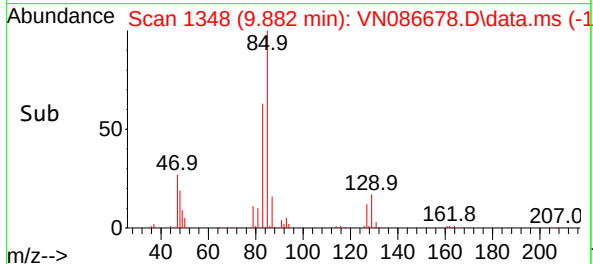
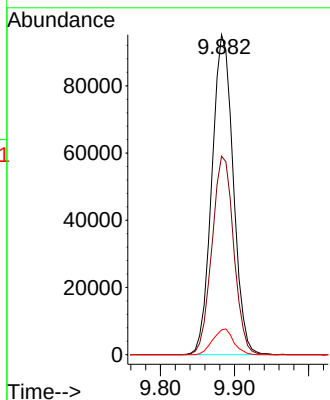
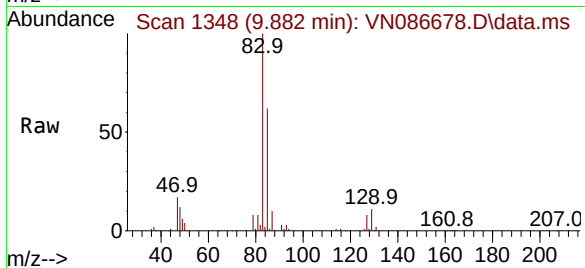




#47
Bromodichloromethane
Concen: 51.974 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

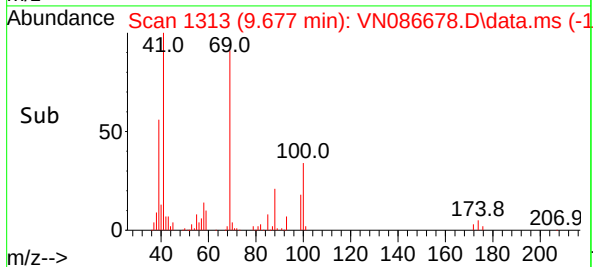
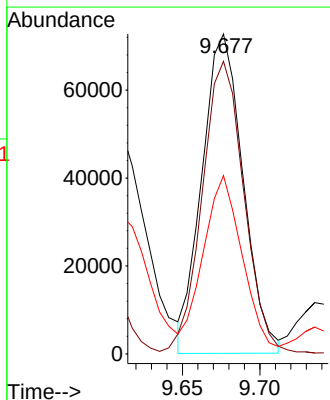
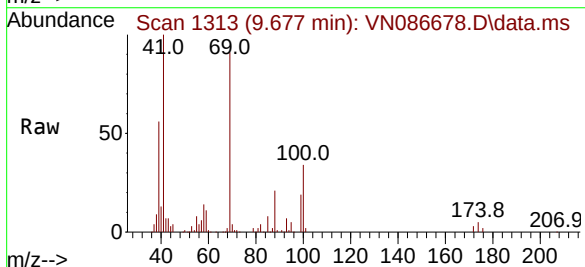
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

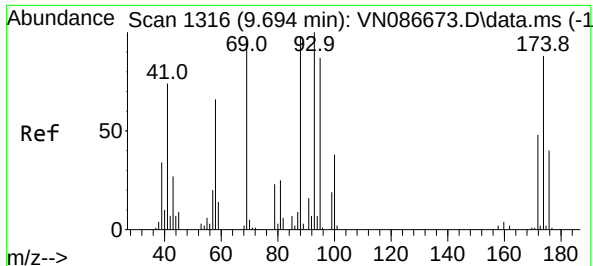
Tgt Ion: 83 Resp: 190522
Ion Ratio Lower Upper
83 100
85 62.0 50.1 75.1
127 7.7 6.2 9.4



#48
Methyl methacrylate
Concen: 50.138 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 41 Resp: 133859
Ion Ratio Lower Upper
41 100
69 93.9 74.1 111.1
39 53.9 44.1 66.1





#49

1,4-Dioxane

Concen: 894.031 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

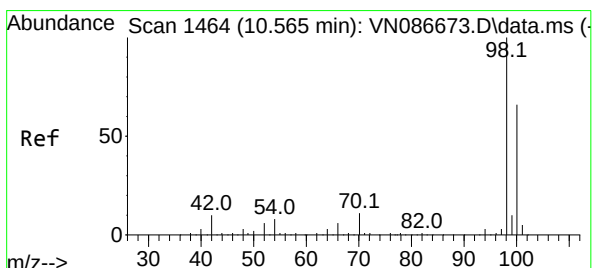
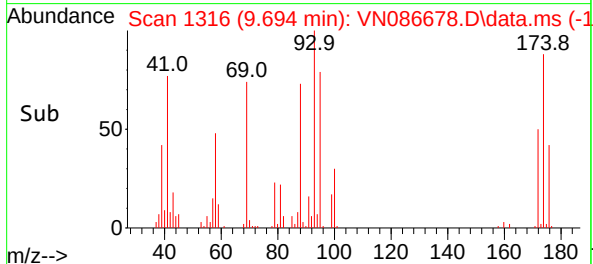
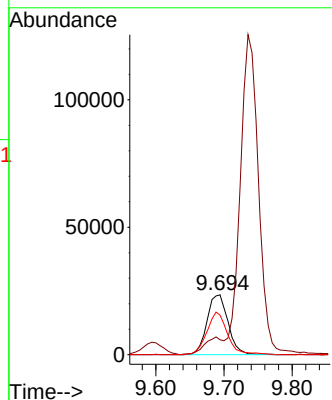
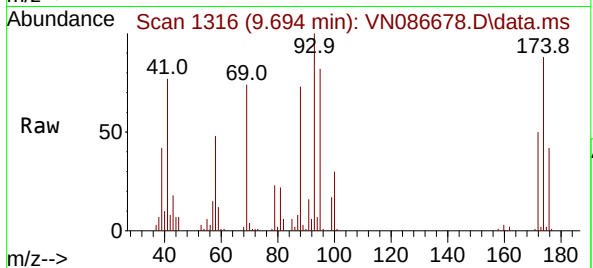
Tgt Ion: 88 Resp: 50542

Ion Ratio Lower Upper

88 100

43 26.4 23.6 35.4

58 69.6 55.3 82.9



#50

Toluene-d8

Concen: 49.877 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086678.D

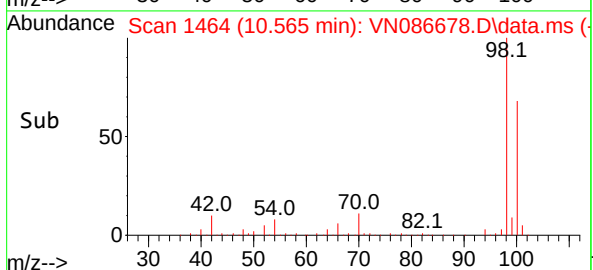
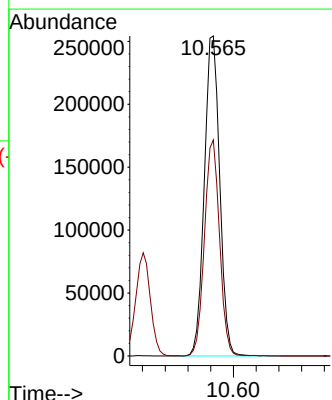
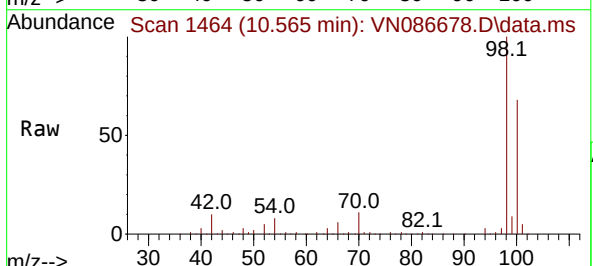
Acq: 19 May 2025 10:12

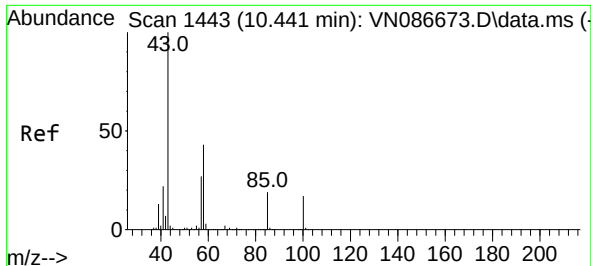
Tgt Ion: 98 Resp: 476759

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3

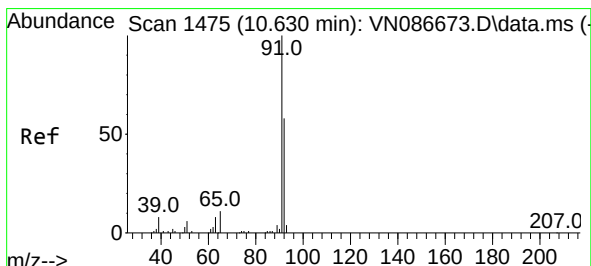
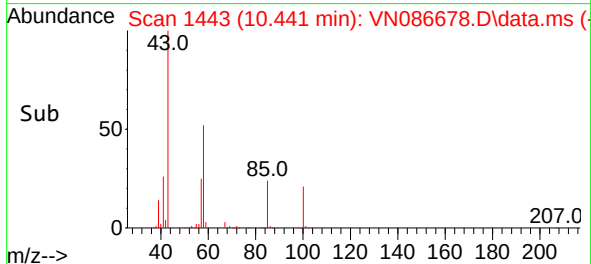
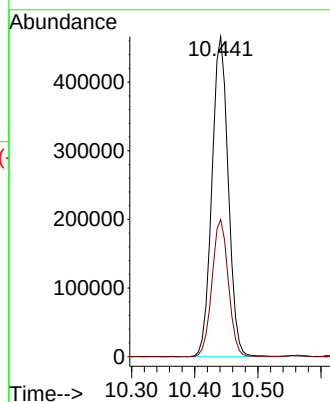
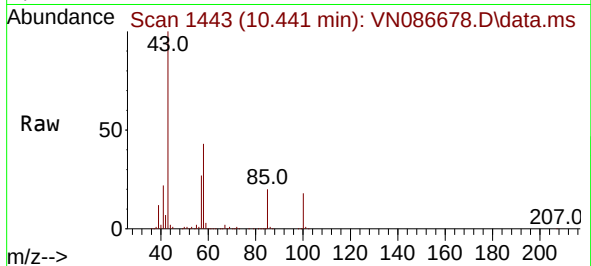




#51
4-Methyl-2-Pentanone
Concen: 240.913 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

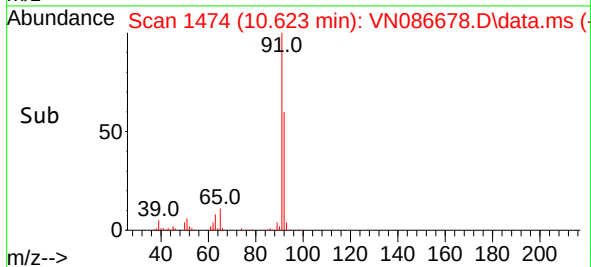
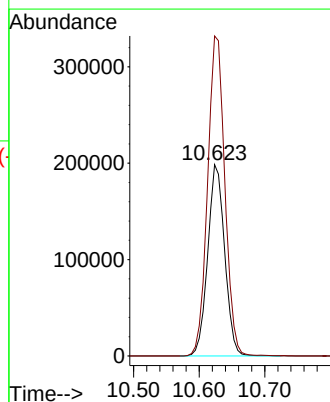
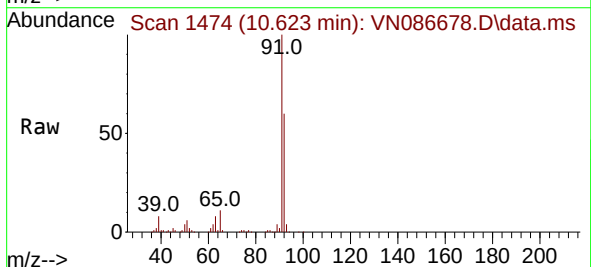
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

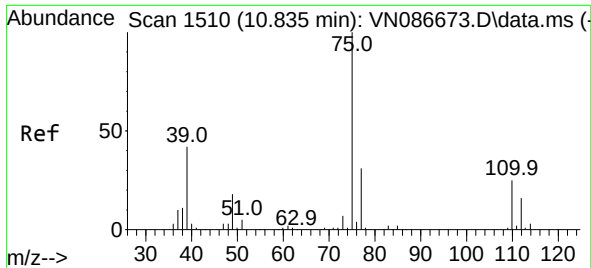
Tgt Ion: 43 Resp: 837049
Ion Ratio Lower Upper
43 100
58 42.9 33.9 50.9



#52
Toluene
Concen: 51.689 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 92 Resp: 356565
Ion Ratio Lower Upper
92 100
91 170.5 137.8 206.8

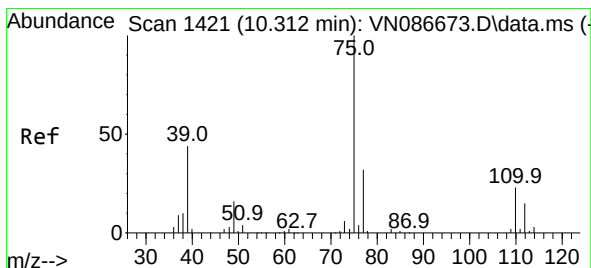
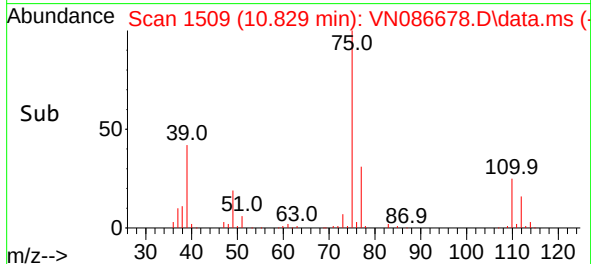
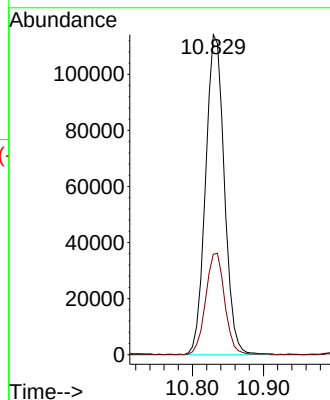
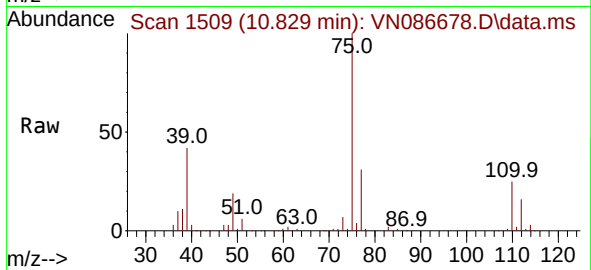




#53
 t-1,3-Dichloropropene
 Concen: 54.021 ug/l
 RT: 10.829 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

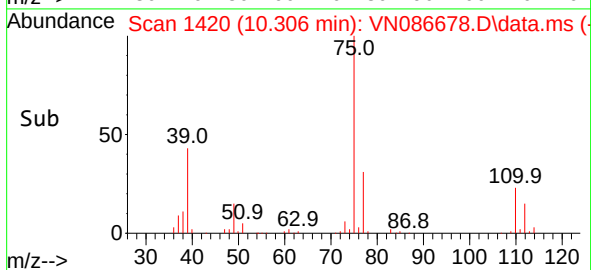
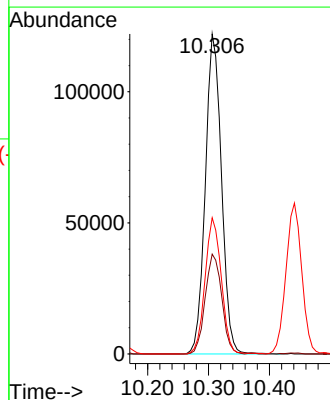
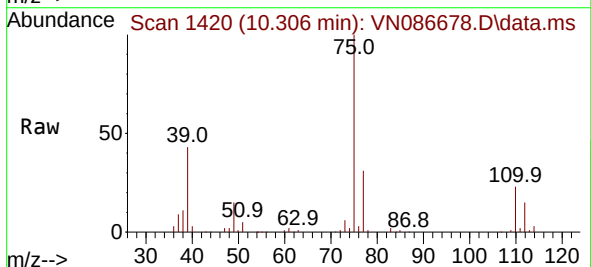
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

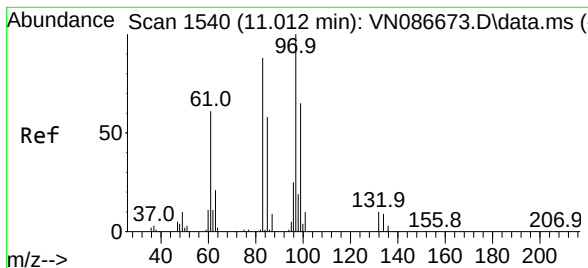
Tgt Ion: 75 Resp: 209665
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 53.066 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

Tgt Ion: 75 Resp: 224827
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9
 39 42.6 35.2 52.8



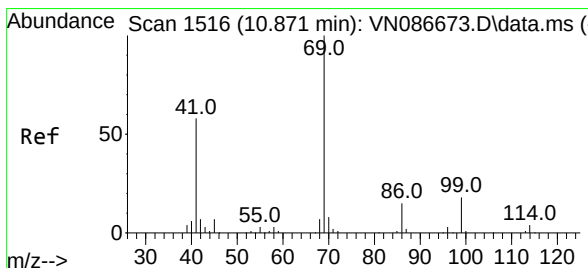
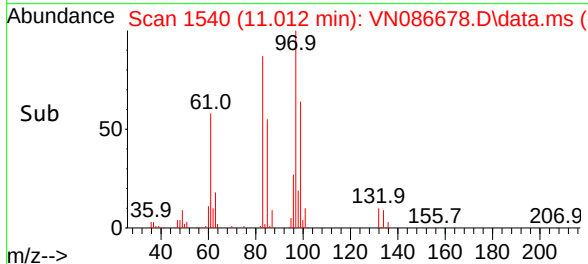
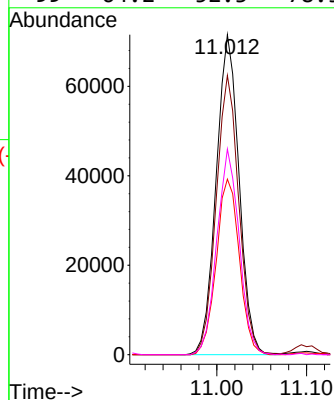
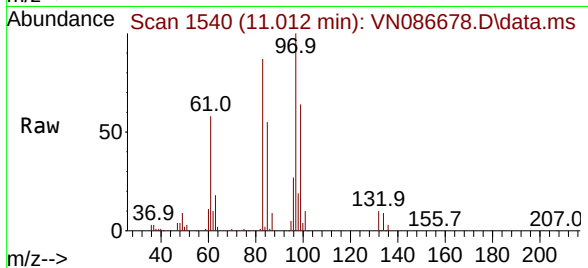


#55
 1,1,2-Trichloroethane
 Concen: 49.287 ug/l
 RT: 11.012 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 126830

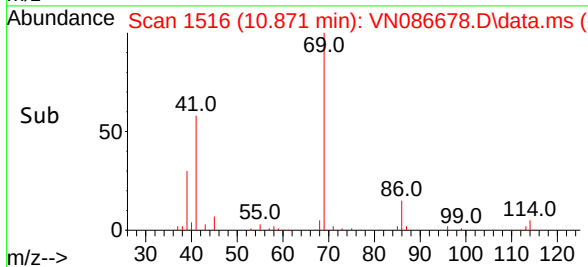
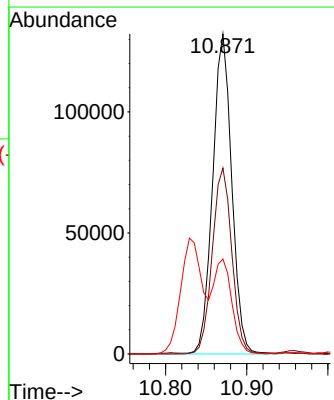
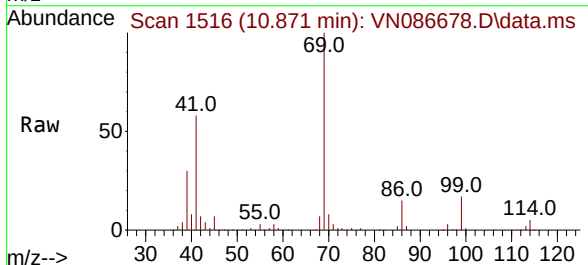
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.4	105.6
85	54.9	46.1	69.1
99	64.2	52.3	78.5

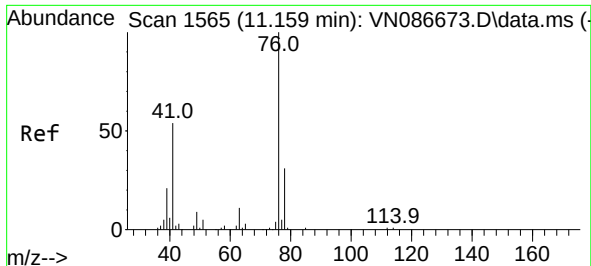


#56
 Ethyl methacrylate
 Concen: 52.333 ug/l
 RT: 10.871 min Scan# 1516
 Delta R.T. -0.000 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

Tgt Ion: 69 Resp: 216221

Ion	Ratio	Lower	Upper
69	100		
41	58.8	47.4	71.0
39	28.4	24.0	36.0





#57

1,3-Dichloropropane

Concen: 49.836 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

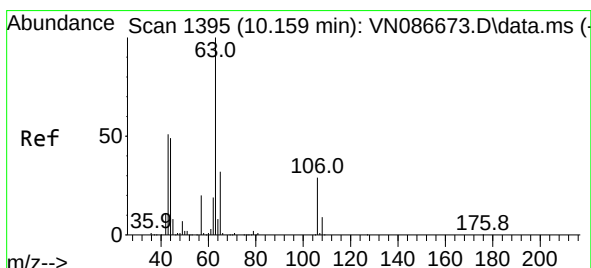
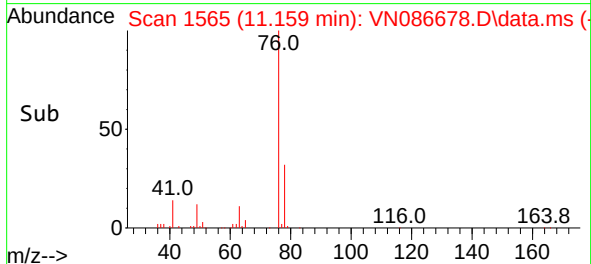
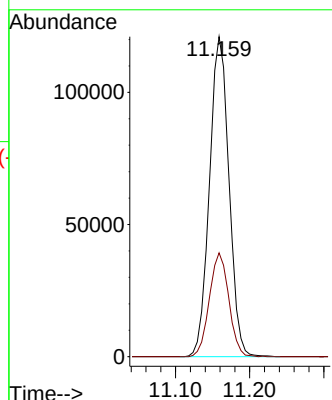
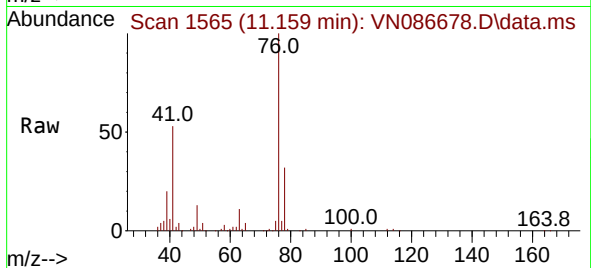
VSTDCCC050

Tgt Ion: 76 Resp: 220930

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 263.974 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086678.D

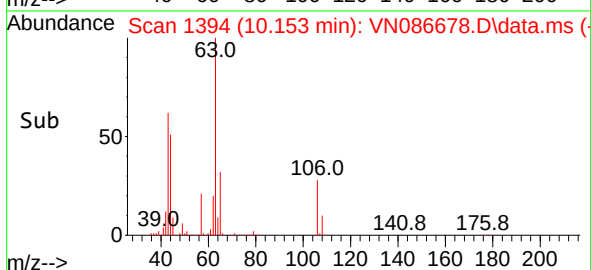
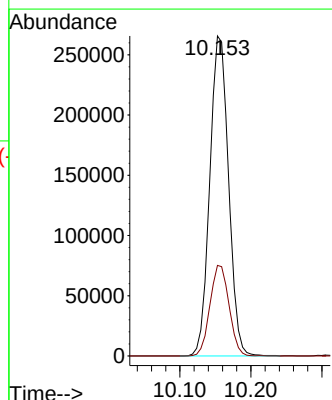
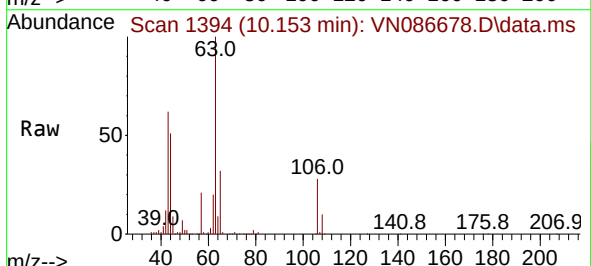
Acq: 19 May 2025 10:12

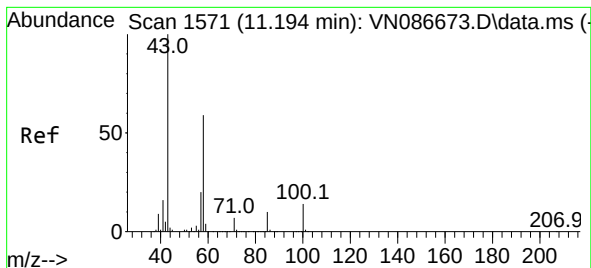
Tgt Ion: 63 Resp: 487437

Ion Ratio Lower Upper

63 100

106 28.8 23.1 34.7





#59

2-Hexanone

Concen: 239.044 ug/l

RT: 11.188 min Scan# 1570

Delta R.T. -0.006 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

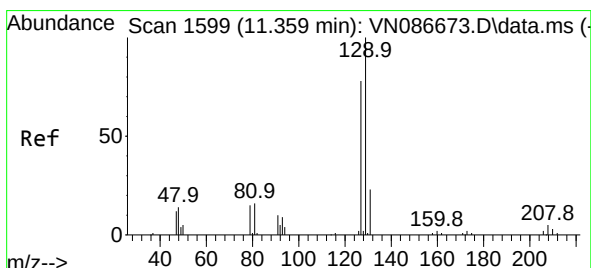
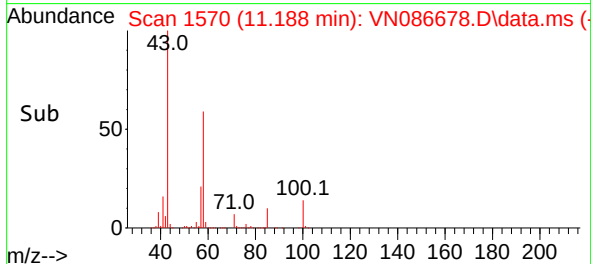
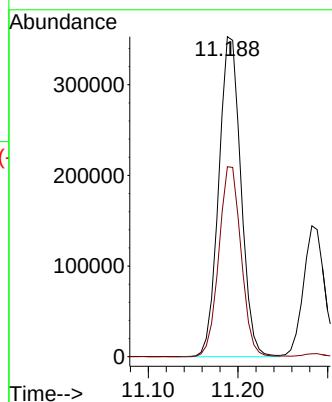
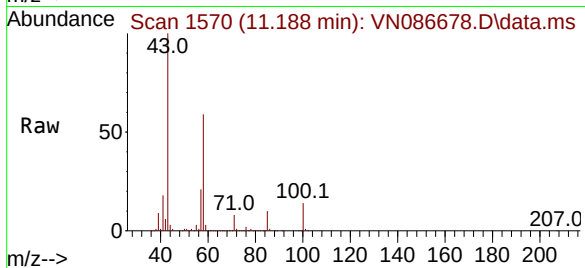
VSTDCCC050

Tgt Ion: 43 Resp: 606517

Ion Ratio Lower Upper

43 100

58 59.6 29.8 89.5



#60

Dibromochloromethane

Concen: 52.786 ug/l

RT: 11.353 min Scan# 1598

Delta R.T. -0.006 min

Lab File: VN086678.D

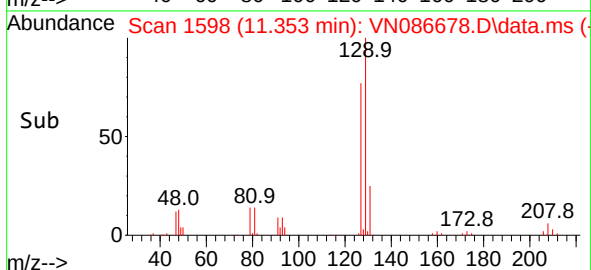
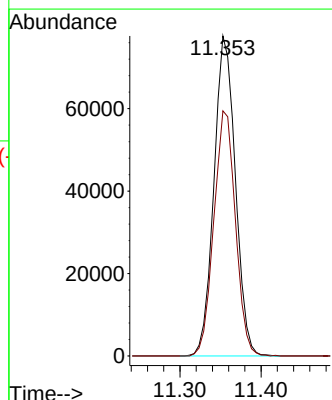
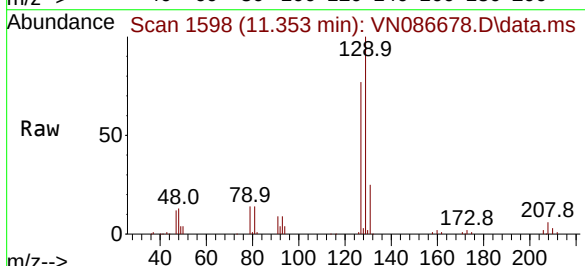
Acq: 19 May 2025 10:12

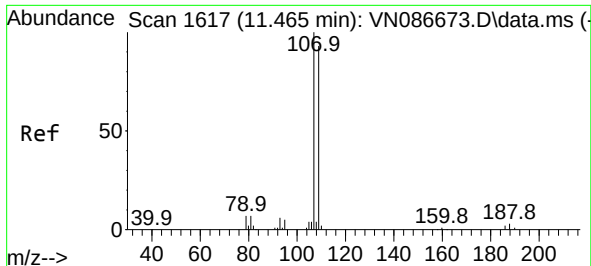
Tgt Ion:129 Resp: 142355

Ion Ratio Lower Upper

129 100

127 77.3 39.5 118.3

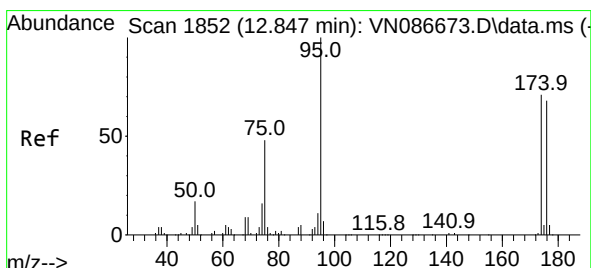
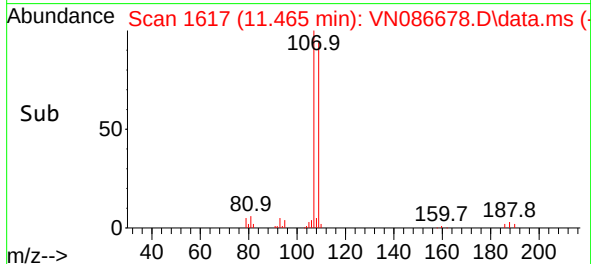
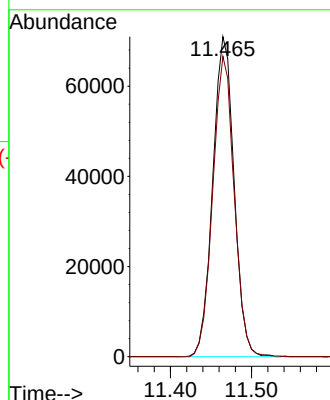
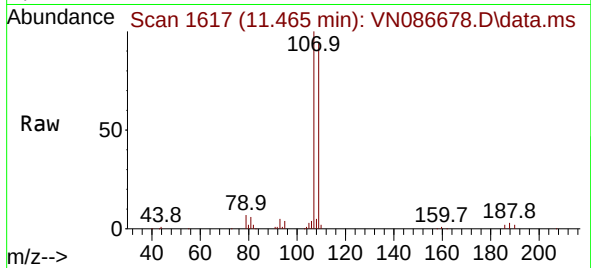




#61
1,2-Dibromoethane
Concen: 50.008 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

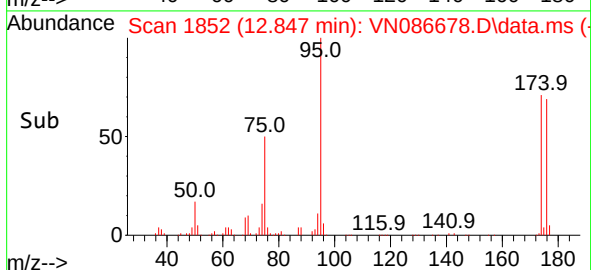
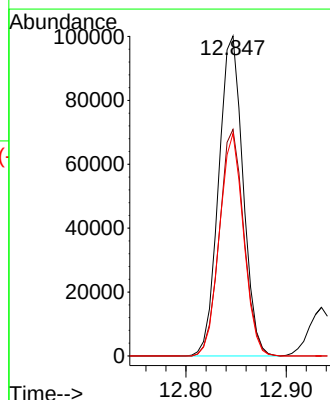
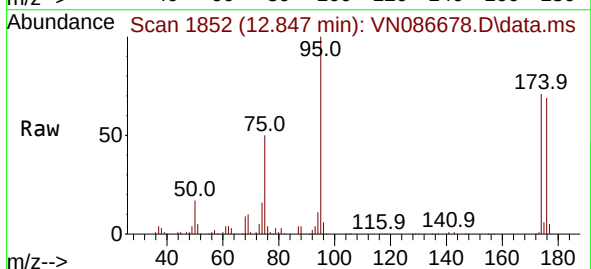
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

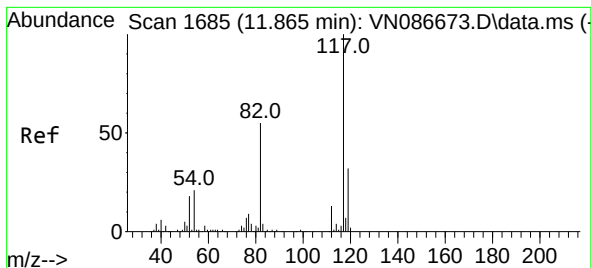
Tgt Ion:107 Resp: 129313
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 50.066 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 95 Resp: 168980
Ion Ratio Lower Upper
95 100
174 71.1 0.0 145.4
176 68.5 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

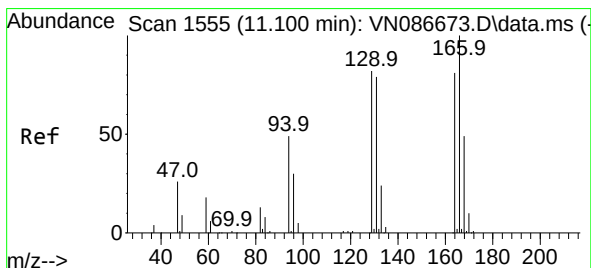
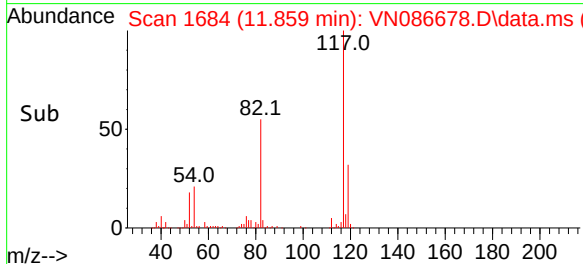
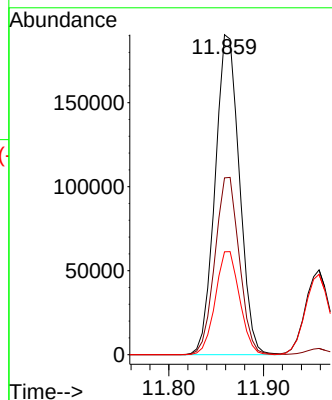
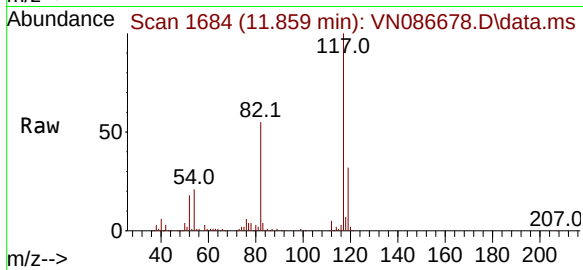
Tgt Ion:117 Resp: 340061

Ion Ratio Lower Upper

117 100

82 55.3 44.2 66.2

119 32.2 25.4 38.2



#64

Tetrachloroethene

Concen: 54.755 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Tgt Ion:164 Resp: 142639

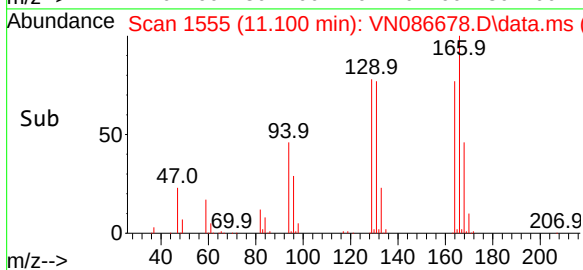
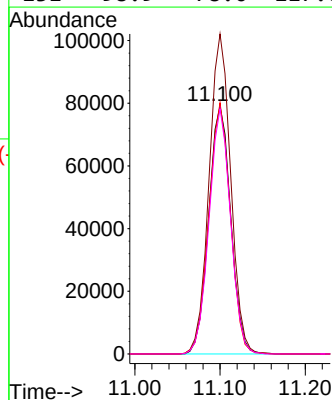
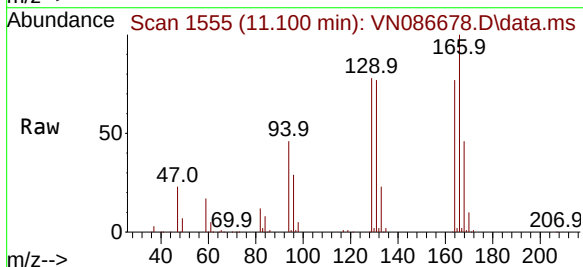
Ion Ratio Lower Upper

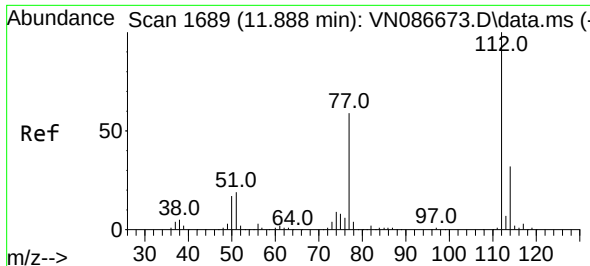
164 100

166 129.1 98.2 147.4

129 101.3 81.0 121.4

131 98.9 78.0 117.0

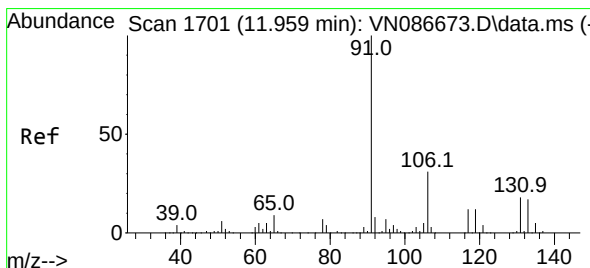
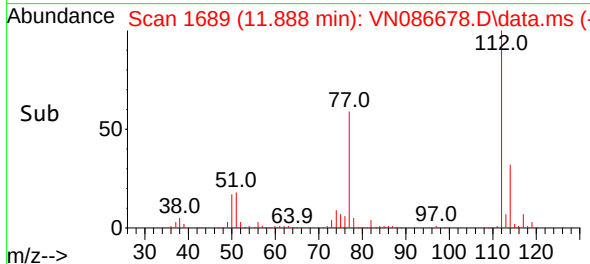
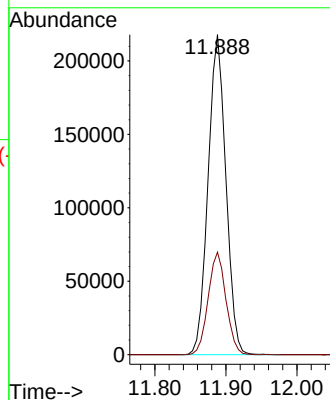
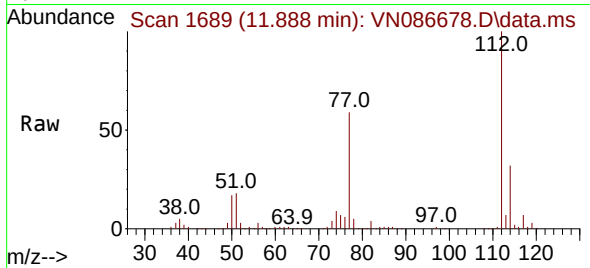




#65
Chlorobenzene
Concen: 50.890 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

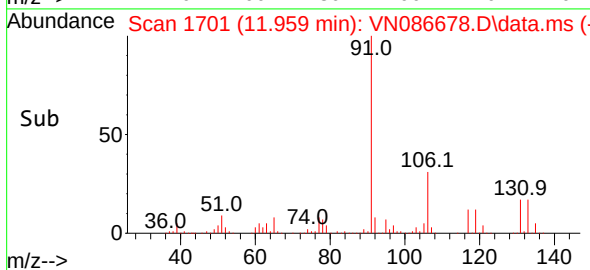
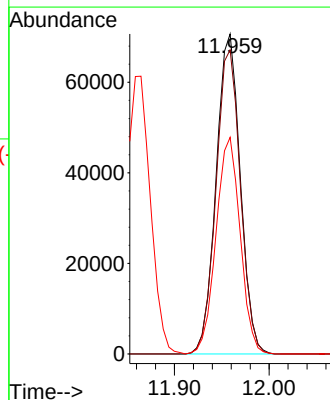
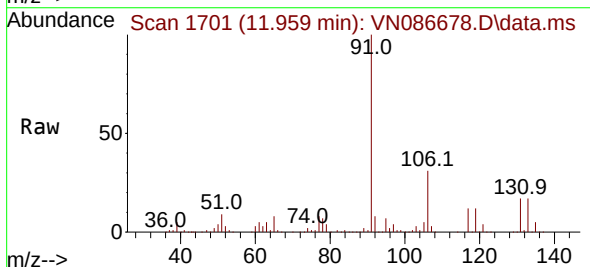
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

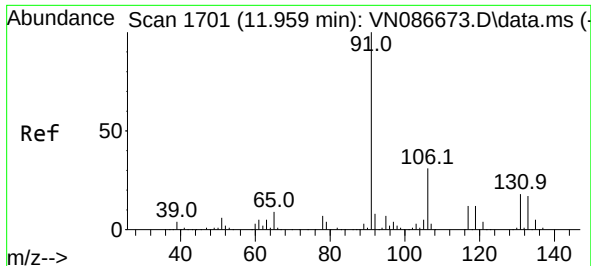
Tgt Ion:112 Resp: 379483
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.023 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion:131 Resp: 125235
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.7
119 67.8 33.6 100.8





#67

Ethyl Benzene

Concen: 52.687 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

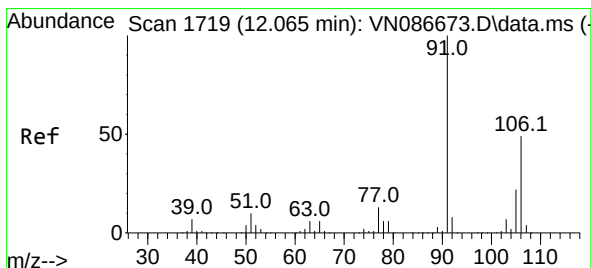
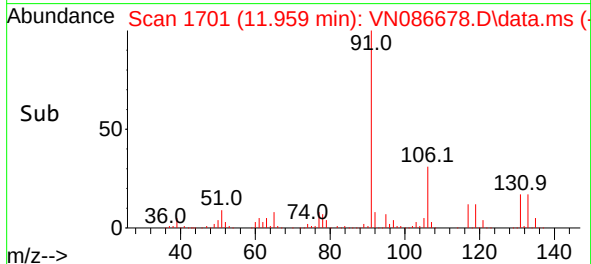
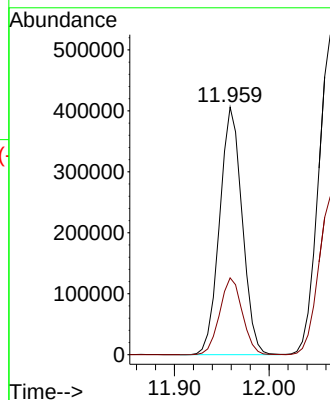
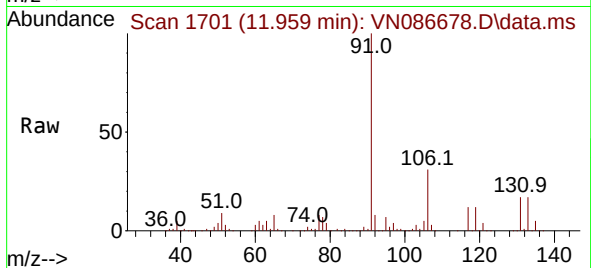
VSTDCCC050

Tgt Ion: 91 Resp: 672937

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 107.033 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN086678.D

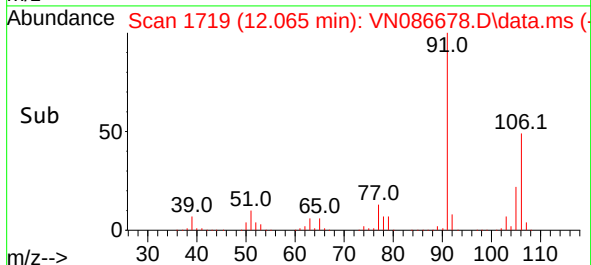
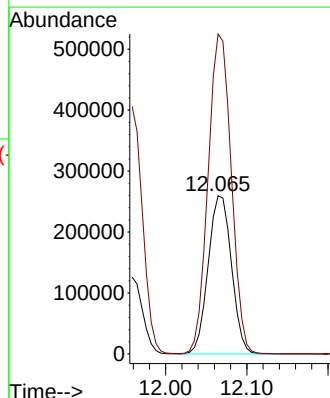
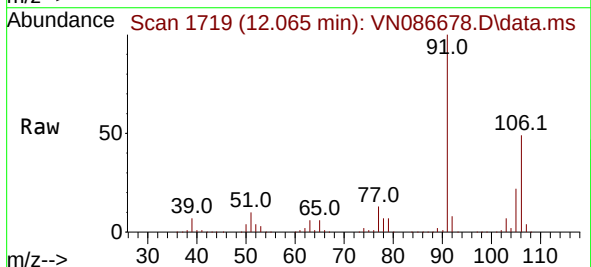
Acq: 19 May 2025 10:12

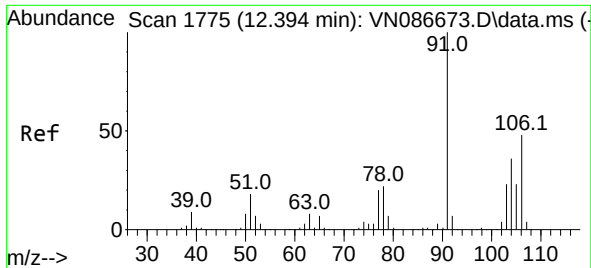
Tgt Ion:106 Resp: 517798

Ion Ratio Lower Upper

106 100

91 201.4 162.4 243.6

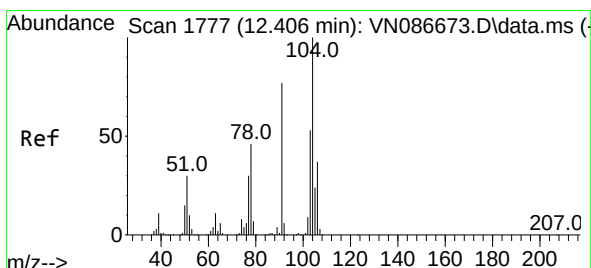
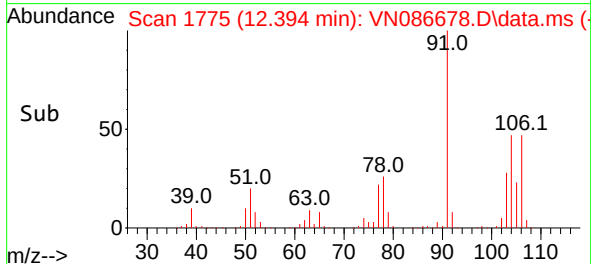
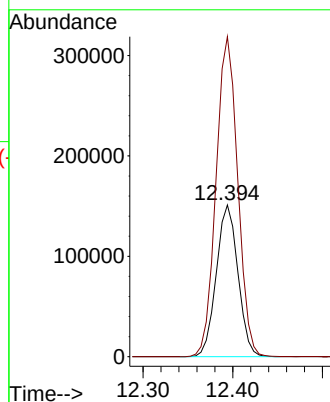
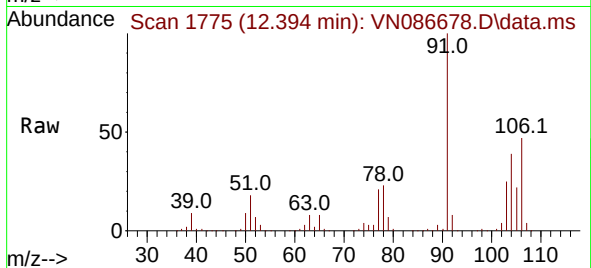




#69
o-Xylene
Concen: 52.564 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

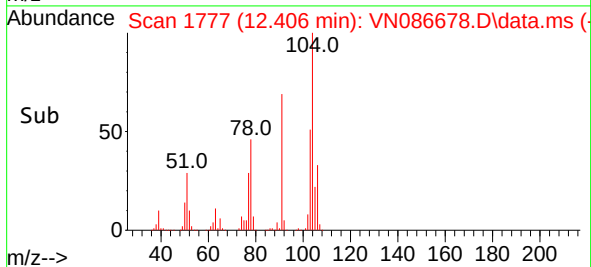
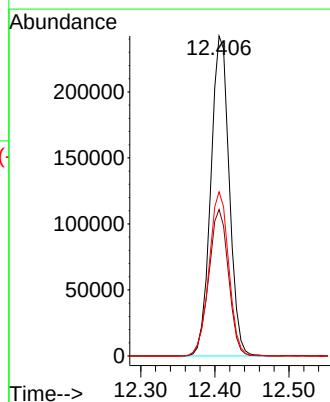
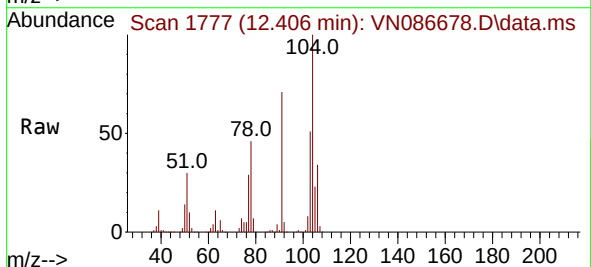
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

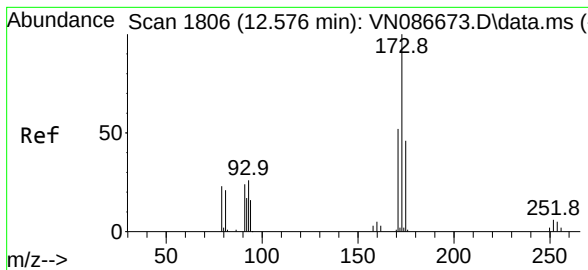
Tgt Ion:106 Resp: 252810
Ion Ratio Lower Upper
106 100
91 211.6 105.1 315.1



#70
Styrene
Concen: 53.237 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion:104 Resp: 419206
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.6
103 54.5 43.8 65.8

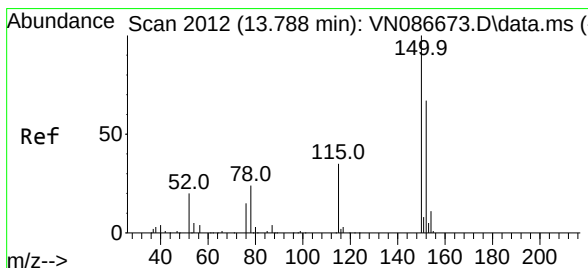
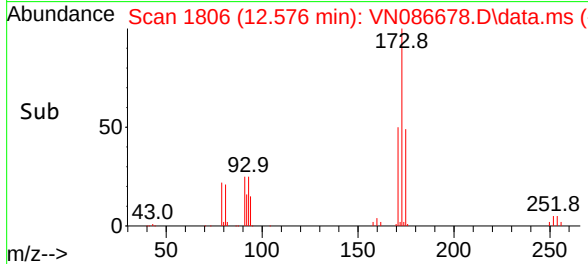
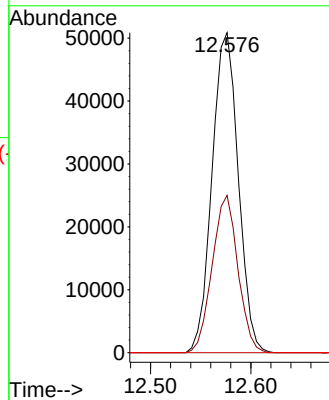
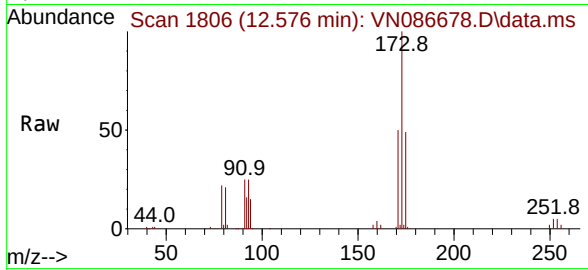




#71
Bromoform
Concen: 54.030 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

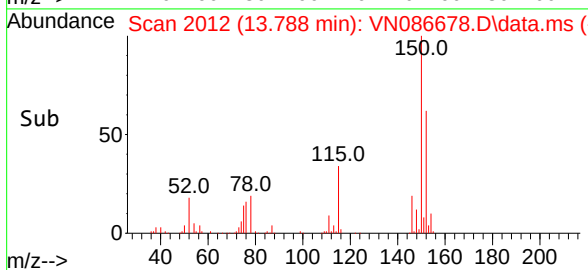
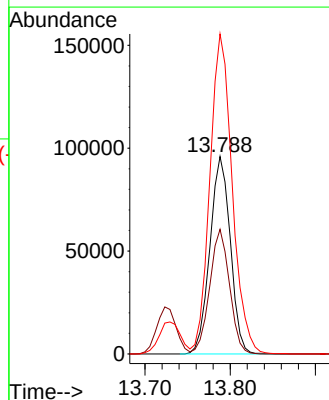
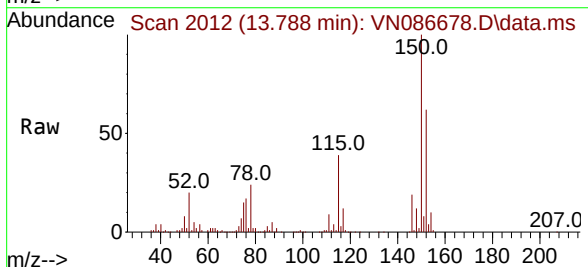
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

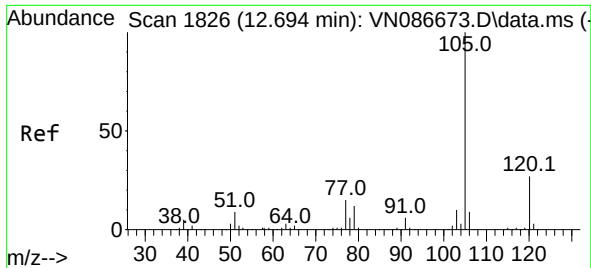
Tgt Ion:173 Resp: 92501
Ion Ratio Lower Upper
173 100
175 48.1 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion:152 Resp: 159685
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.1
150 177.4 0.0 347.8

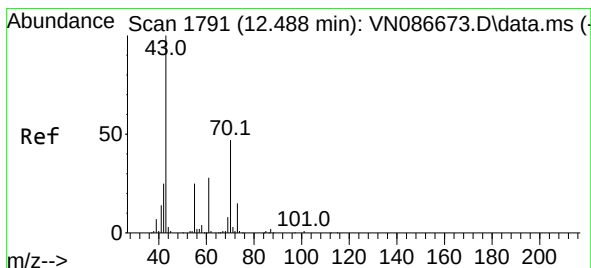
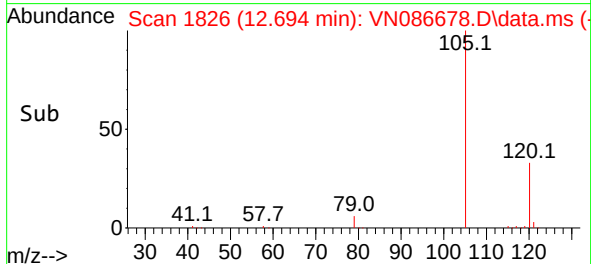
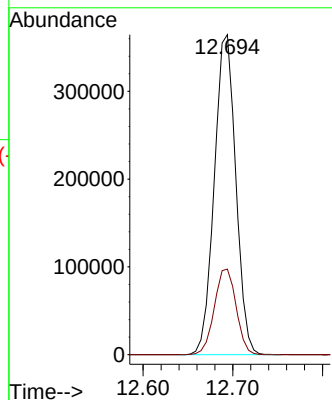
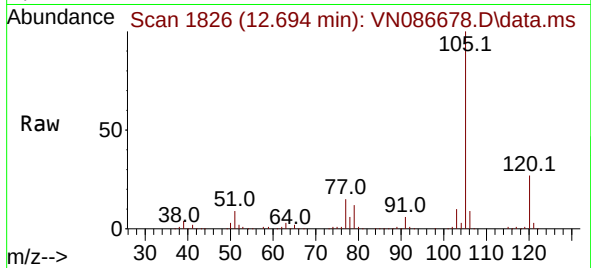




#73
Isopropylbenzene
Concen: 49.109 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

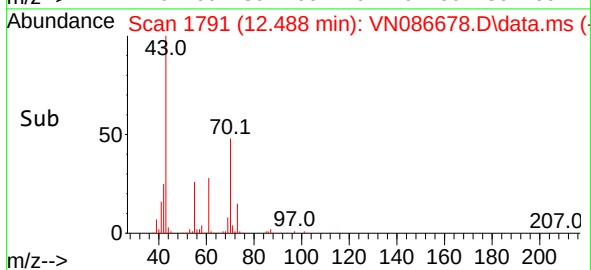
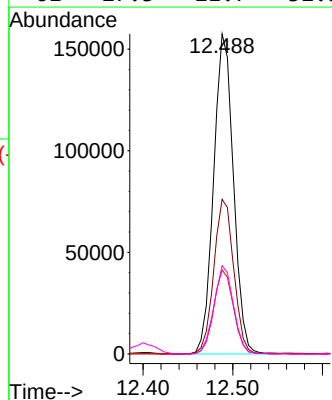
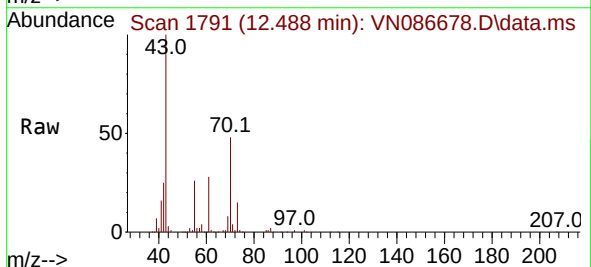
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

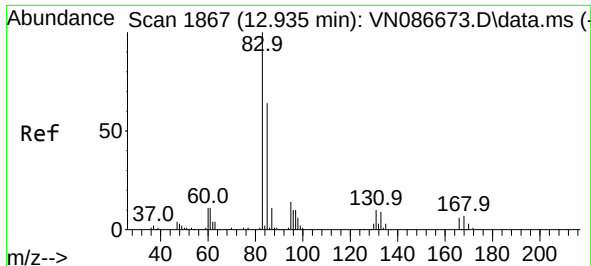
Tgt Ion:105 Resp: 605663
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1



#74
N-ethyl acetate
Concen: 46.886 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 43 Resp: 241598
Ion Ratio Lower Upper
43 100
70 48.7 37.9 56.9
55 26.1 20.5 30.7
61 27.3 21.7 32.5

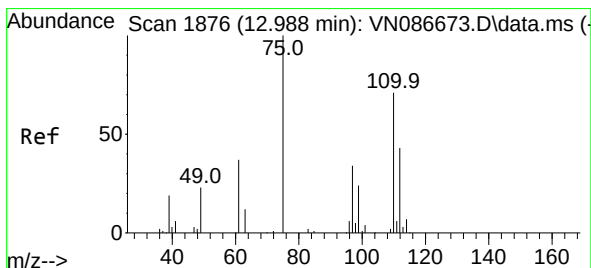
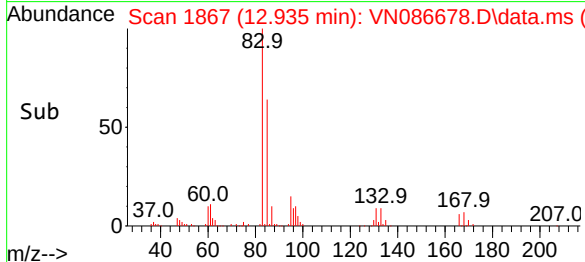
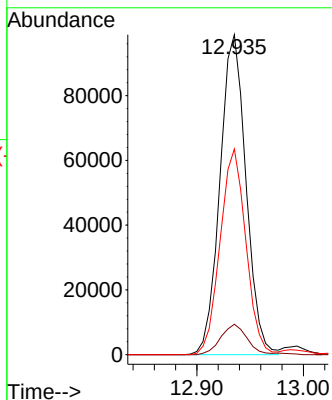
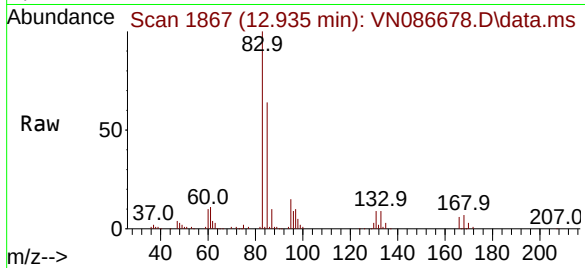




#75
 1,1,2-Tetrachloroethane
 Concen: 44.229 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

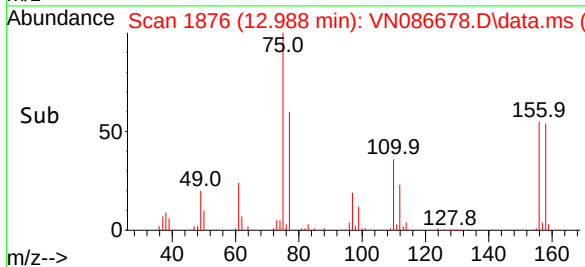
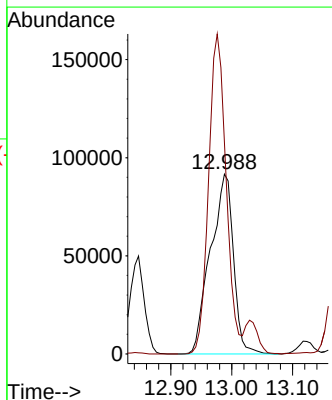
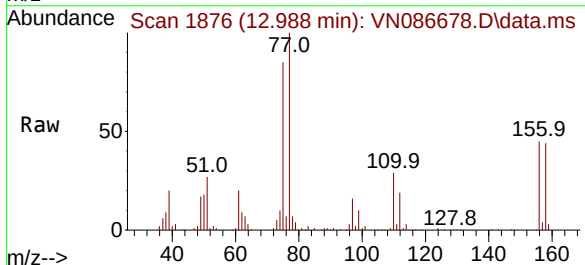
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

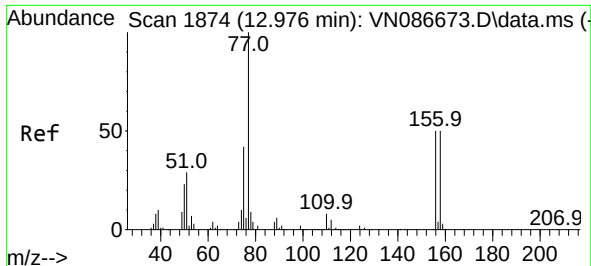
Tgt Ion: 83 Resp: 167581
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.0 15.0
 85 63.6 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 66.488 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

Tgt Ion: 75 Resp: 240116
 Ion Ratio Lower Upper
 75 100
 77 136.5 96.0 288.1

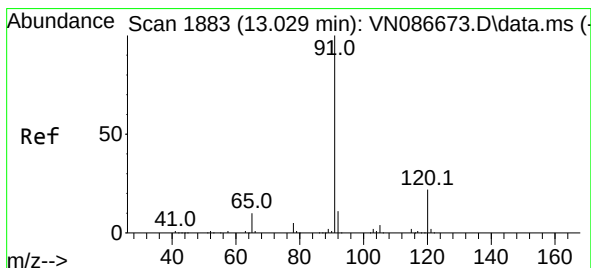
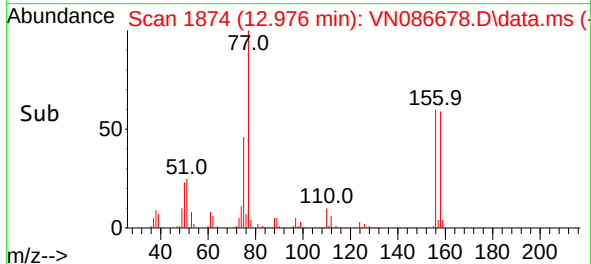
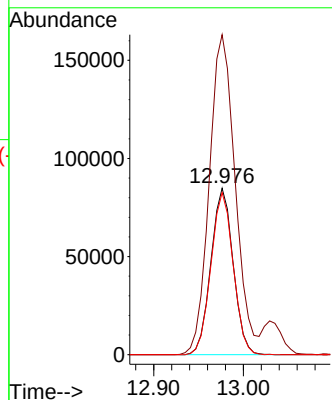
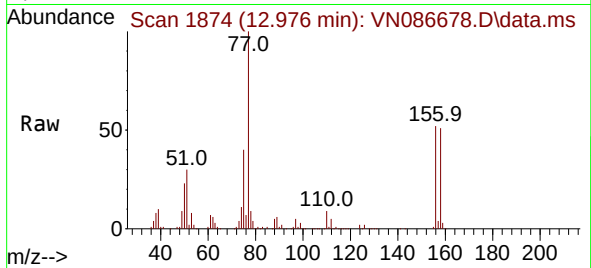




#77
Bromobenzene
Concen: 47.012 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

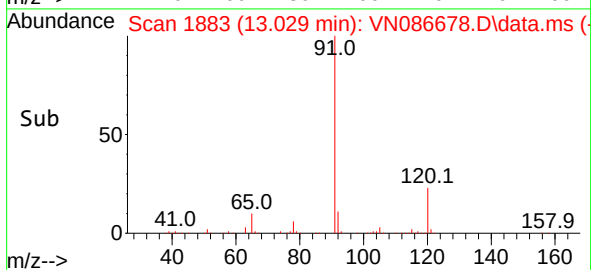
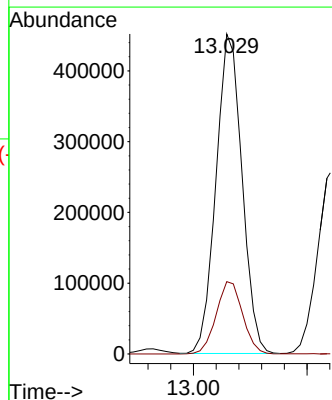
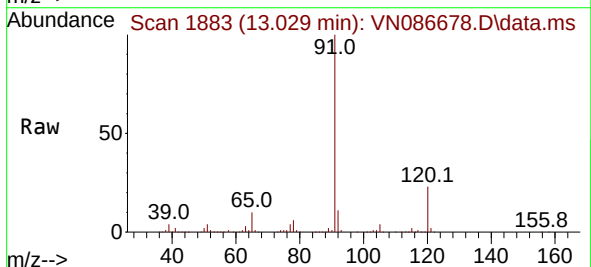
Instrument :
MSVOA_N
ClientSampleId :
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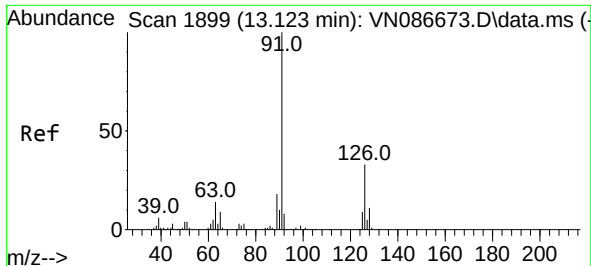
Tgt Ion:156 Resp: 145850
Ion Ratio Lower Upper
156 100
77 224.7 113.1 339.2
158 97.4 48.6 145.9



#78
n-propylbenzene
Concen: 50.739 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 91 Resp: 718136
Ion Ratio Lower Upper
91 100
120 23.0 11.4 34.1

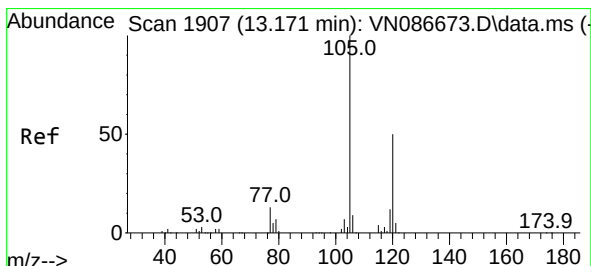
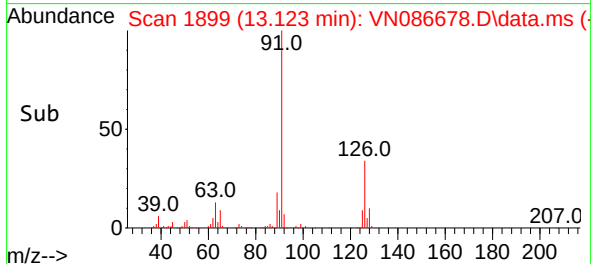
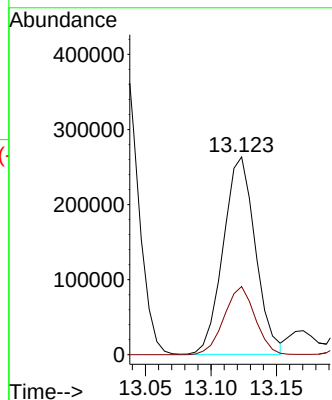
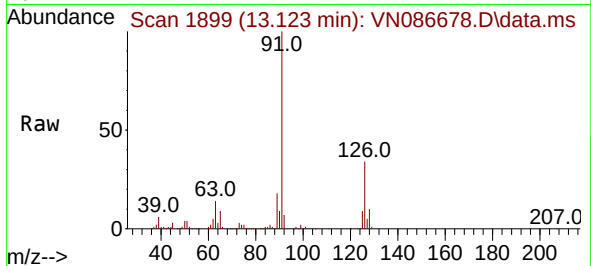




#79
2-Chlorotoluene
Concen: 48.757 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

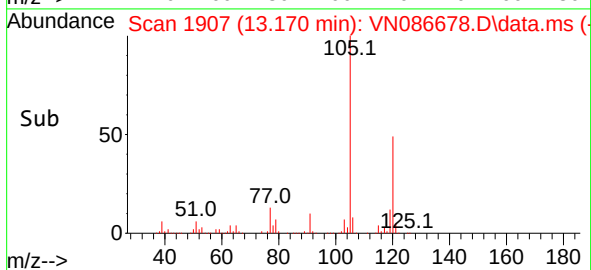
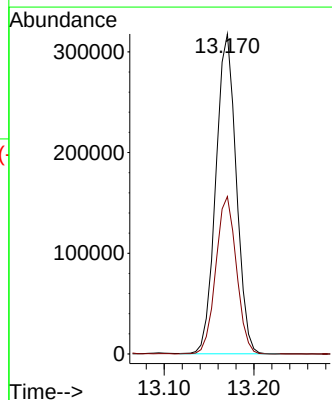
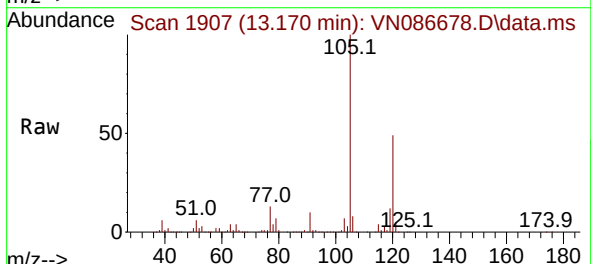
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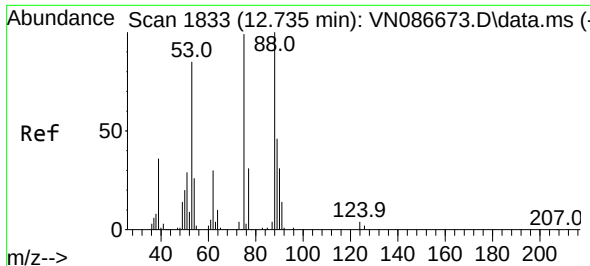
Tgt Ion: 91 Resp: 448701
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 50.798 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 105 Resp: 501937
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.6

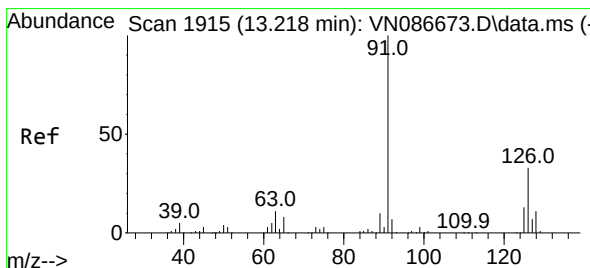
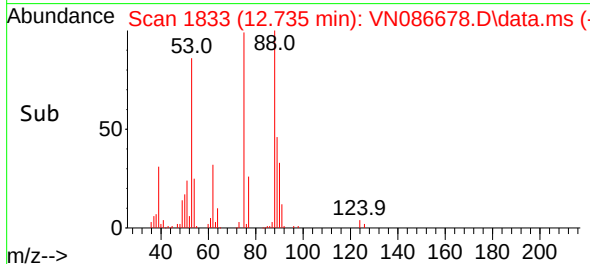
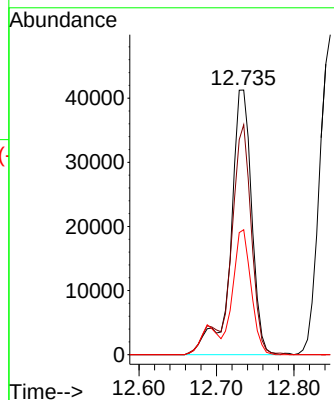
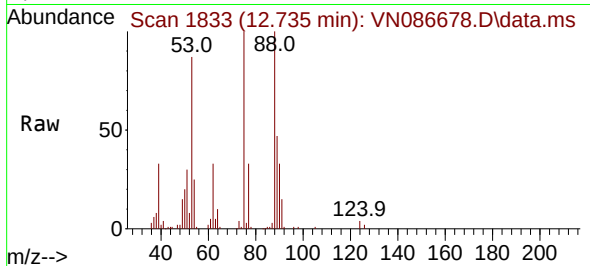




#81
trans-1,4-Dichloro-2-butene
Concen: 54.322 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

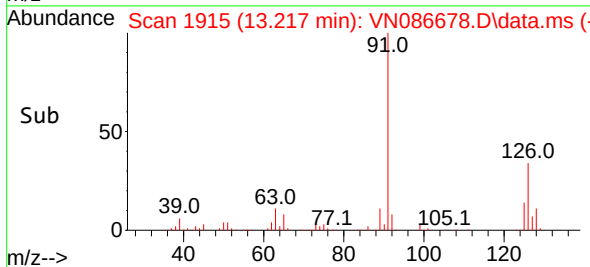
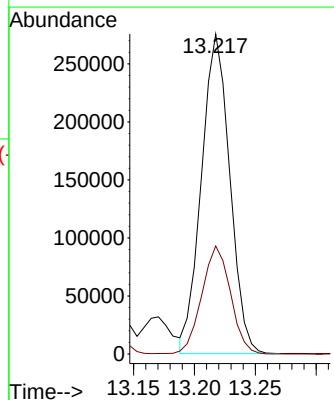
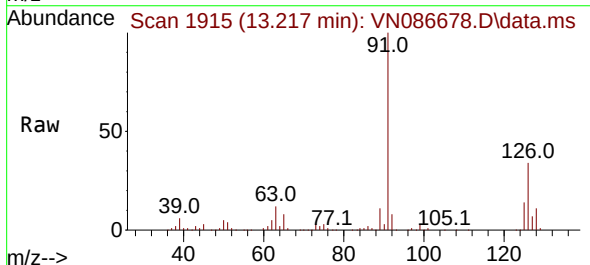
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

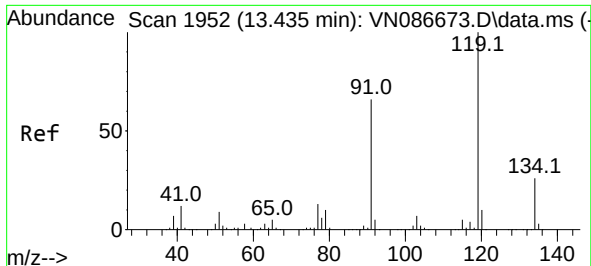
Tgt Ion: 75 Resp: 77736
Ion Ratio Lower Upper
75 100
53 77.1 70.4 105.6
89 41.1 32.4 48.6



#82
4-Chlorotoluene
Concen: 49.045 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 91 Resp: 447160
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9

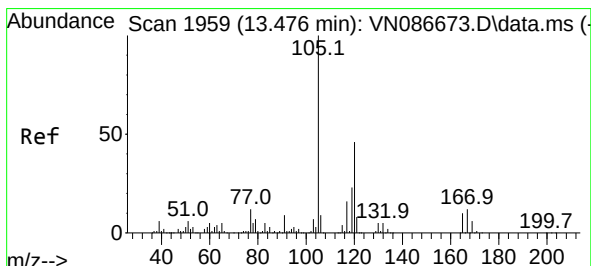
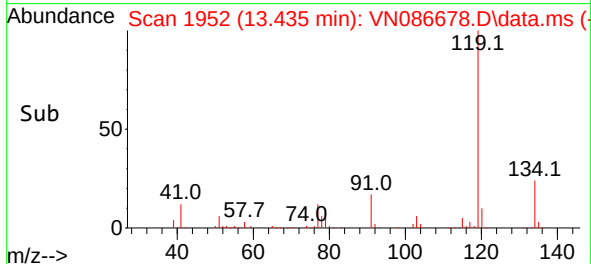
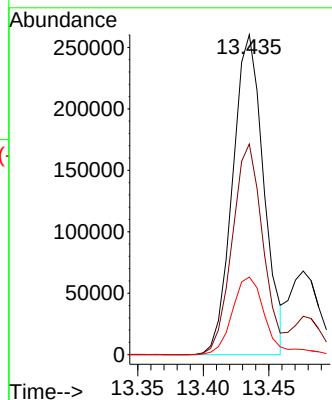
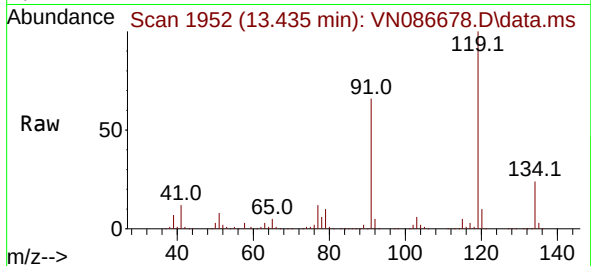




#83
 tert-Butylbenzene
 Concen: 49.922 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

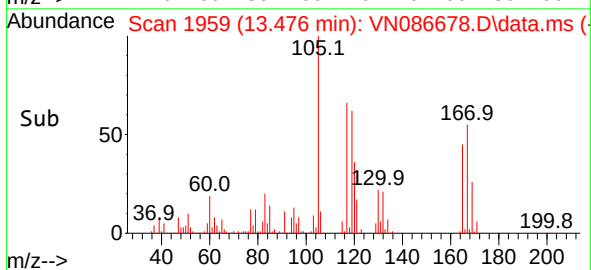
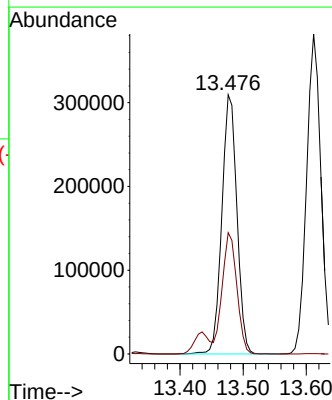
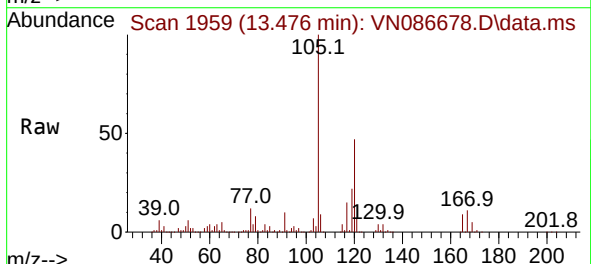
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

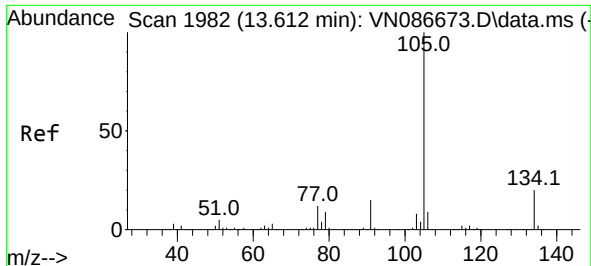
Tgt Ion:119 Resp: 430179
 Ion Ratio Lower Upper
 119 100
 91 66.1 32.9 98.7
 134 25.9 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.039 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

Tgt Ion:105 Resp: 512047
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.2 69.6

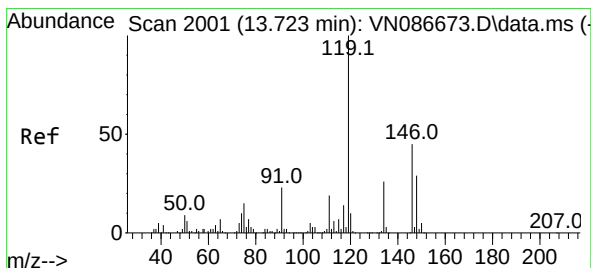
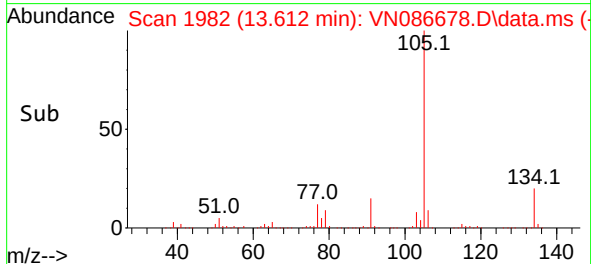
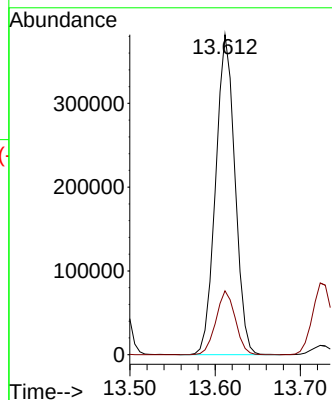
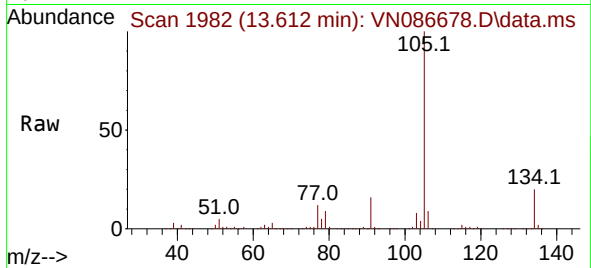




#85
 sec-Butylbenzene
 Concen: 52.015 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

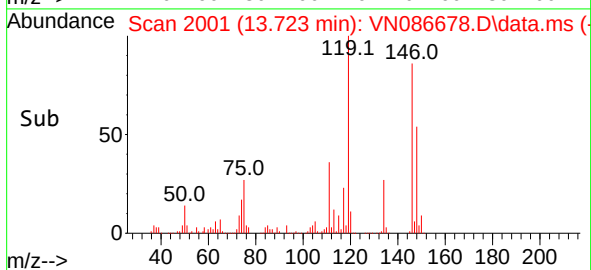
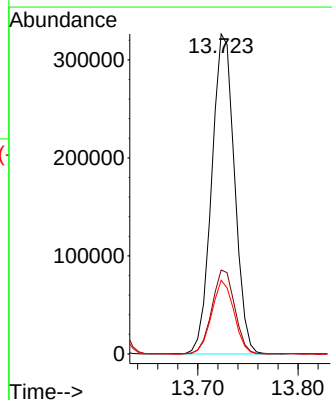
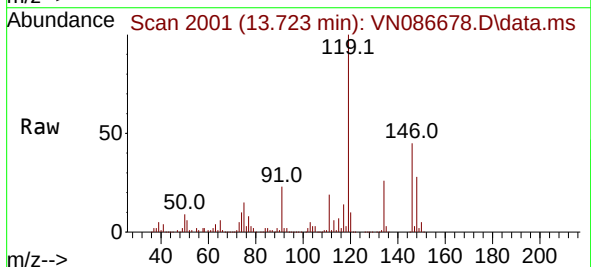
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

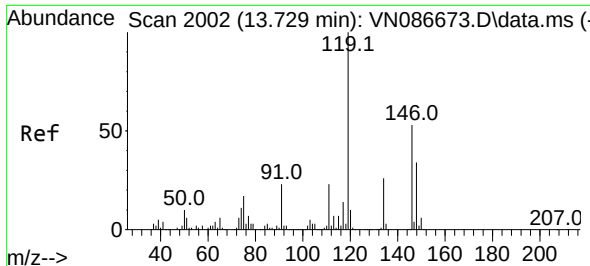
Tgt Ion:105 Resp: 600995
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 54.379 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

Tgt Ion:119 Resp: 515021
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 22.6 11.5 34.5

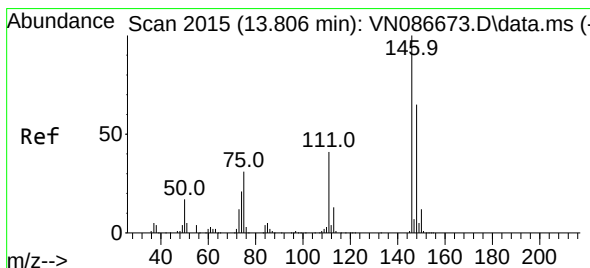
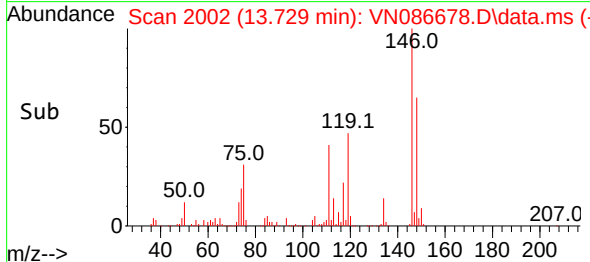
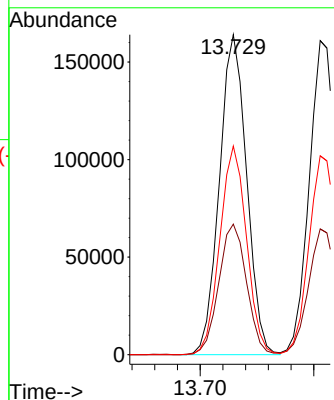
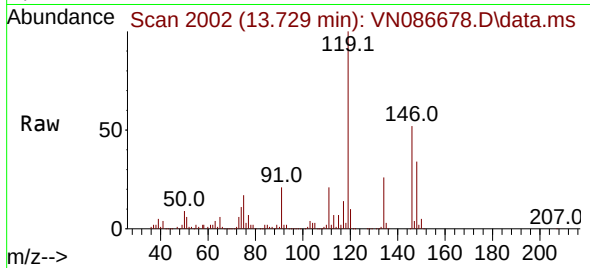




#87
 1,3-Dichlorobenzene
 Concen: 50.834 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

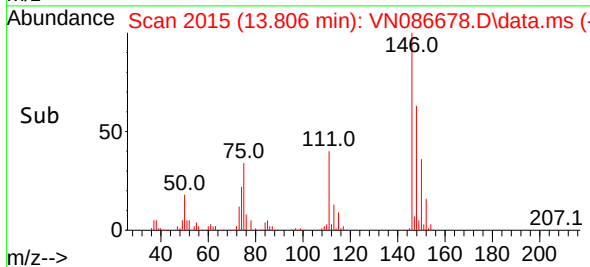
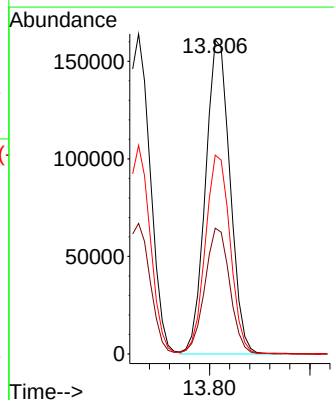
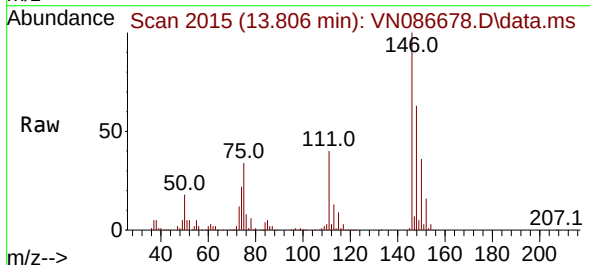
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

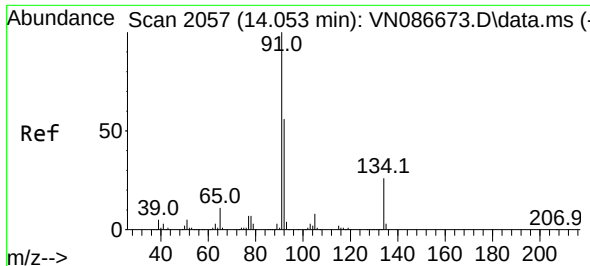
Tgt Ion:146 Resp: 273090
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.9 62.7
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 51.375 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.000 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

Tgt Ion:146 Resp: 273459
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.6 61.8
 148 64.2 32.0 96.0

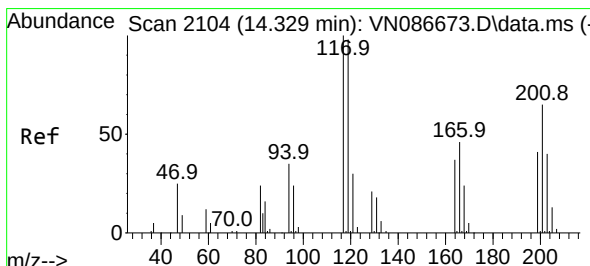
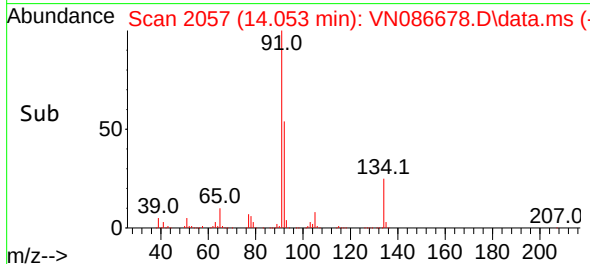
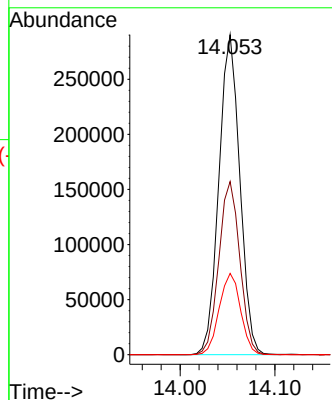
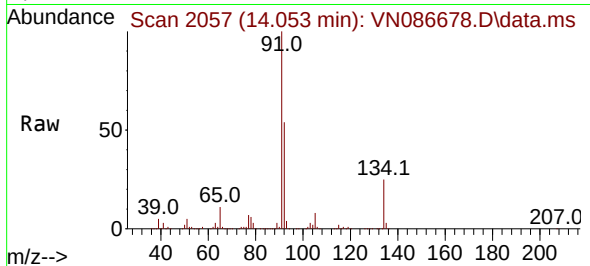




#89
n-Butylbenzene
Concen: 56.867 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

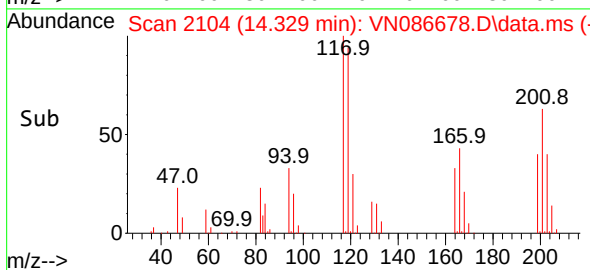
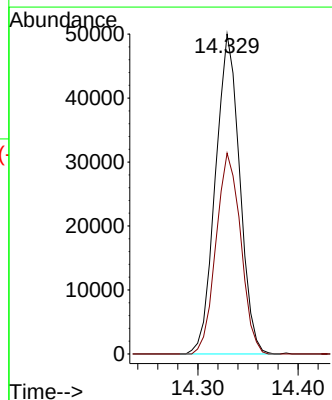
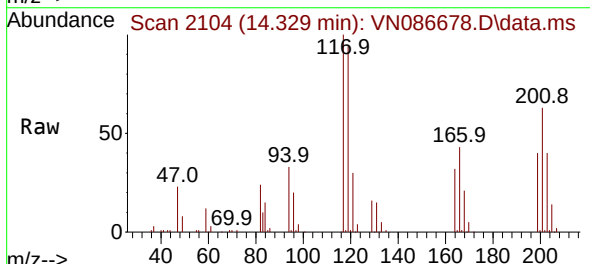
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

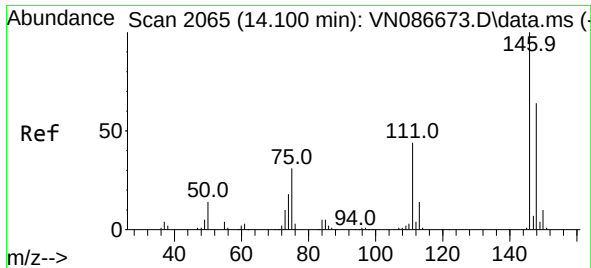
Tgt Ion: 91 Resp: 446487
Ion Ratio Lower Upper
91 100
92 54.4 27.4 82.0
134 25.9 12.8 38.4



#90
Hexachloroethane
Concen: 53.447 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 117 Resp: 83988
Ion Ratio Lower Upper
117 100
201 63.8 32.0 96.0

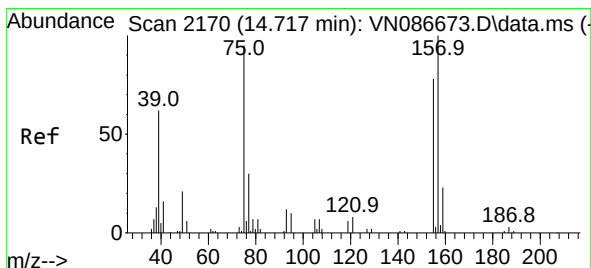
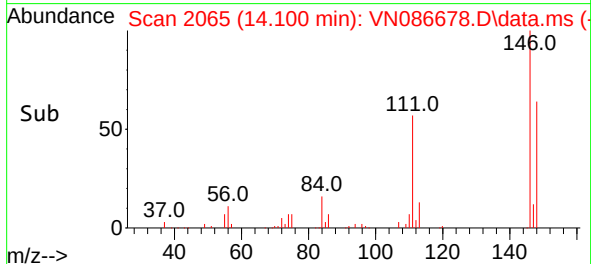
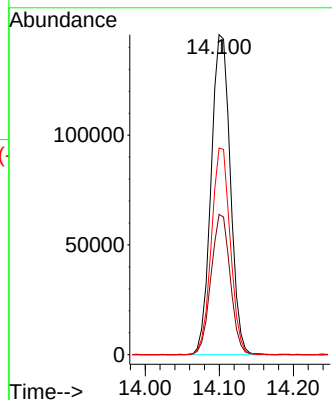
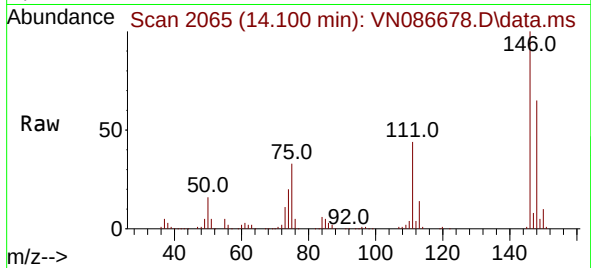




#91
1,2-Dichlorobenzene
Concen: 51.317 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

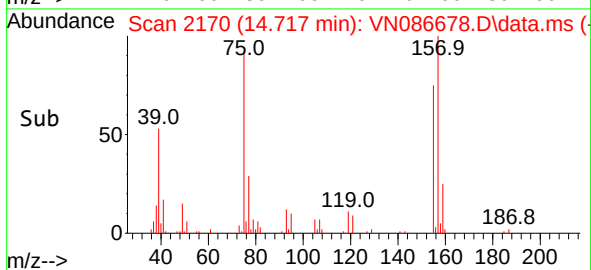
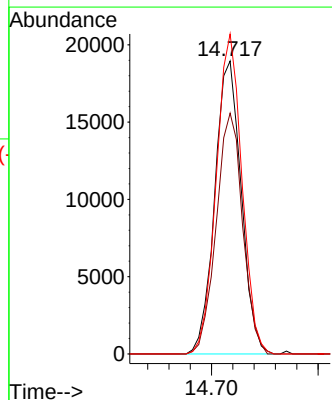
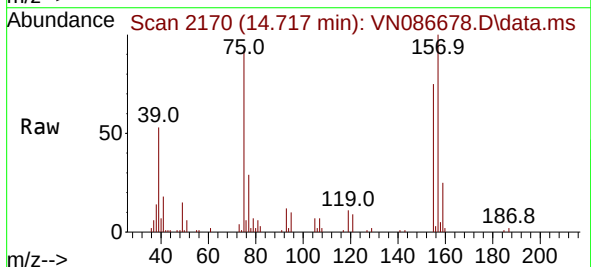
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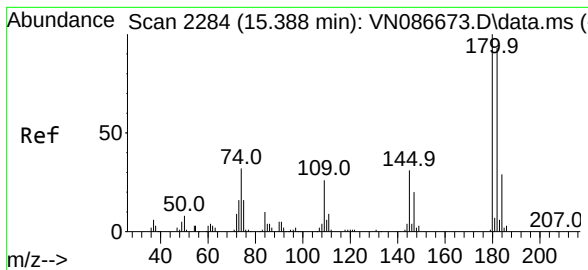
Tgt Ion:146 Resp: 262217
Ion Ratio Lower Upper
146 100
111 44.0 21.6 65.0
148 63.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.996 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 75 Resp: 32637
Ion Ratio Lower Upper
75 100
155 82.0 40.5 121.5
157 106.0 53.6 160.8

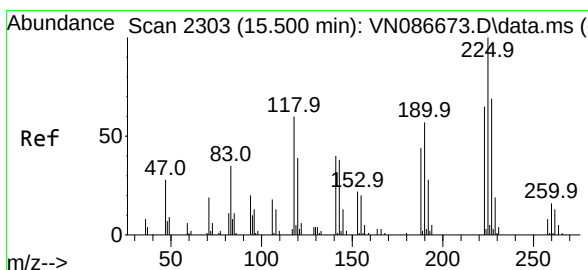
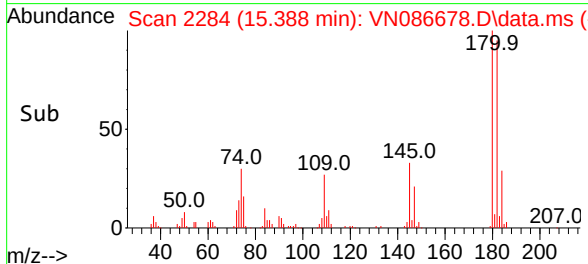
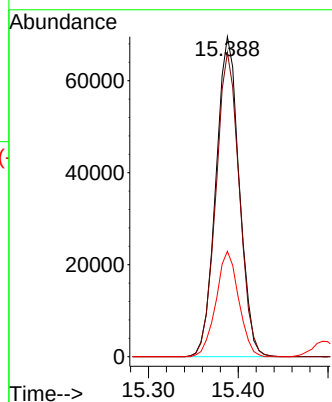
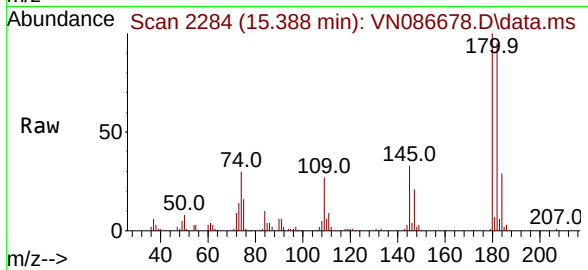




#93
 1,2,4-Trichlorobenzene
 Concen: 58.135 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

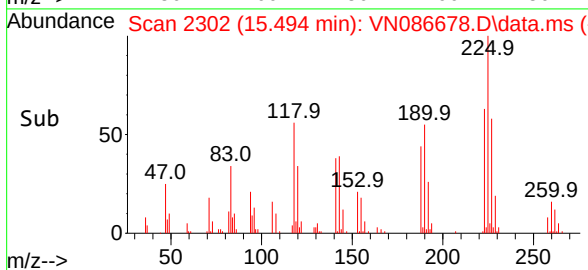
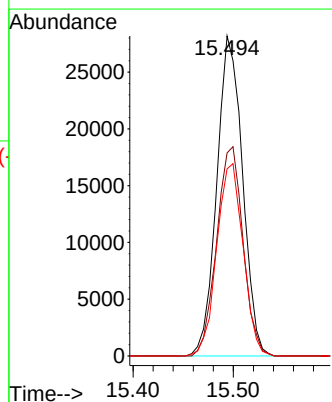
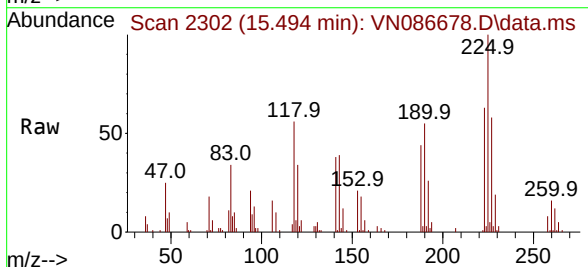
Instrument :
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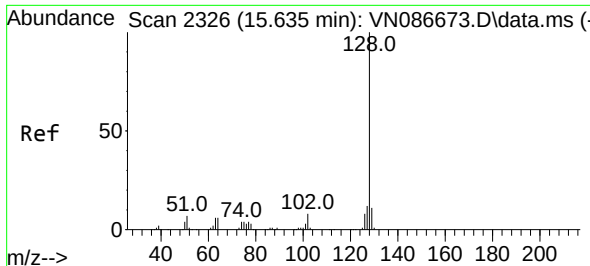
Tgt Ion:180 Resp: 125389
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.1 141.3
 145 32.1 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 56.167 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

Tgt Ion:225 Resp: 50262
 Ion Ratio Lower Upper
 225 100
 223 66.9 32.9 98.6
 227 61.7 32.4 97.2

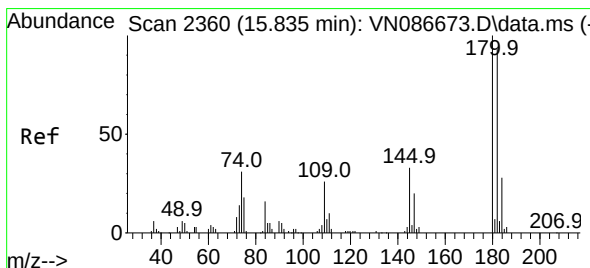
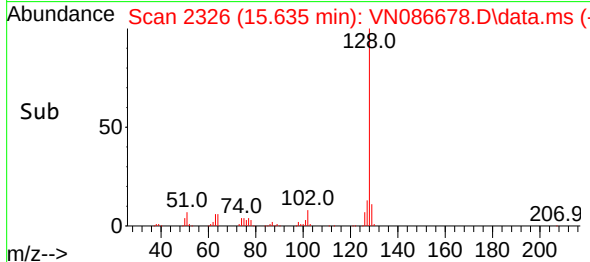
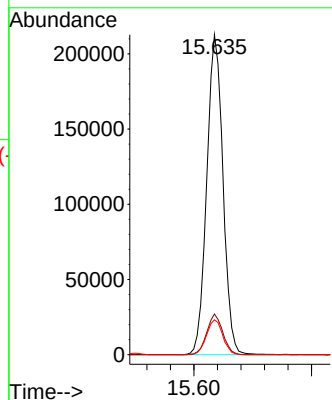
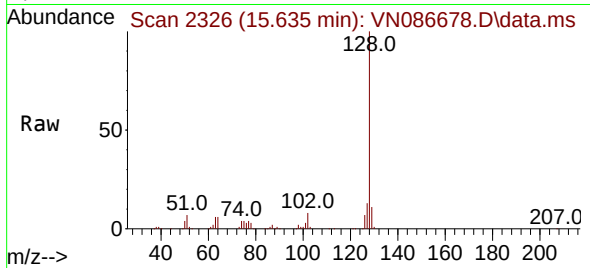




#95
Naphthalene
Concen: 54.306 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 406700
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 55.439 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion:180 Resp: 117100
Ion Ratio Lower Upper
180 100
182 95.7 47.0 141.2
145 33.3 16.7 50.1

