

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021825\
 Data File : VN085773.D
 Acq On : 18 Feb 2025 11:32
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 19 03:16:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:03:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	322407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	526945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	461653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	227499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	197726	47.304	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.600%
35) Dibromofluoromethane	8.159	113	167050	48.447	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.900%
50) Toluene-d8	10.559	98	632021	50.380	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.841	95	220691	53.393	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	215740	49.195	ug/l	100
3) Chloromethane	2.359	50	200592	45.584	ug/l	100
4) Vinyl Chloride	2.512	62	218675	46.933	ug/l	100
5) Bromomethane	2.953	94	136563	45.838	ug/l	100
6) Chloroethane	3.124	64	134303	43.517	ug/l	100
7) Trichlorofluoromethane	3.501	101	309133	45.825	ug/l	100
8) Diethyl Ether	3.959	74	106634	48.854	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	181996	46.673	ug/l	100
10) Methyl Iodide	4.583	142	232889	48.452	ug/l	100
11) Tert butyl alcohol	5.506	59	126538	246.136	ug/l	100
12) 1,1-Dichloroethene	4.336	96	170063	48.100	ug/l	100
13) Acrolein	4.177	56	203891	267.442	ug/l	100
14) Allyl chloride	5.018	41	222754	47.986	ug/l	100
15) Acrylonitrile	5.712	53	394641	236.130	ug/l	100
16) Acetone	4.418	43	297175	224.691	ug/l	100
17) Carbon Disulfide	4.712	76	474860	45.317	ug/l	100
18) Methyl Acetate	5.018	43	199458	43.846	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	534589	50.883	ug/l	100
20) Methylene Chloride	5.271	84	191098	44.929	ug/l	100
21) trans-1,2-Dichloroethene	5.783	96	176973	46.486	ug/l	100
22) Diisopropyl ether	6.665	45	529828	50.512	ug/l	100
23) Vinyl Acetate	6.594	43	1802342	251.727	ug/l	100
24) 1,1-Dichloroethane	6.565	63	333567	46.781	ug/l	100
25) 2-Butanone	7.471	43	474562	243.893	ug/l	100
26) 2,2-Dichloropropane	7.483	77	304840	48.079	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	213235	48.306	ug/l	100
28) Bromochloromethane	7.806	49	143276	48.888	ug/l	100
29) Tetrahydrofuran	7.830	42	315243	250.894	ug/l	100
30) Chloroform	7.959	83	344841	46.278	ug/l	100
31) Cyclohexane	8.253	56	277254	46.440	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	311700	47.030	ug/l	100
36) 1,1-Dichloropropene	8.365	75	242144	49.620	ug/l	100
37) Ethyl Acetate	7.553	43	197609	49.206	ug/l	100
38) Carbon Tetrachloride	8.353	117	278306	47.997	ug/l	100
39) Methylcyclohexane	9.594	83	259289	54.085	ug/l	100
40) Benzene	8.600	78	759363	48.551	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	113568	52.901	ug/l	100
42) 1,2-Dichloroethane	8.665	62	240115	47.132	ug/l	100
43) Isopropyl Acetate	8.683	43	335482	47.574	ug/l	100
44) Trichloroethene	9.347	130	178742	46.544	ug/l	100
45) 1,2-Dichloropropane	9.618	63	182649	48.379	ug/l	100
46) Dibromomethane	9.700	93	127850	48.010	ug/l	100
47) Bromodichloromethane	9.882	83	272912	47.901	ug/l	100
48) Methyl methacrylate	9.677	41	158375	53.102	ug/l	100
49) 1,4-Dioxane	9.688	88	60759	1071.301	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	997906	257.731	ug/l	100
52) Toluene	10.624	92	475069	51.816	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	274791	52.159	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	298359	51.646	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	174198	47.788	ug/l	100
56) Ethyl methacrylate	10.871	69	261825	49.960	ug/l	100
57) 1,3-Dichloropropane	11.159	76	297683	48.920	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	458983	230.774	ug/l	100
59) 2-Hexanone	11.188	43	719870	270.257	ug/l	100
60) Dibromochloromethane	11.353	129	211769	49.890	ug/l	100
61) 1,2-Dibromoethane	11.465	107	169422	49.191	ug/l	100
64) Tetrachloroethene	11.100	164	166710	46.613	ug/l	100
65) Chlorobenzene	11.882	112	512436	48.454	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	182537	48.020	ug/l	100
67) Ethyl Benzene	11.959	91	879040	53.062	ug/l	100
68) m/p-Xylenes	12.065	106	684377	108.757	ug/l	100
69) o-Xylene	12.394	106	324948	54.342	ug/l	100
70) Styrene	12.406	104	555269	49.909	ug/l	100
71) Bromoform	12.570	173	139895	49.528	ug/l #	100
73) Isopropylbenzene	12.688	105	817980	52.482	ug/l	100
74) N-amyl acetate	12.488	43	282288	51.360	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	239463	44.649	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	316841	63.394	ug/l	57
77) Bromobenzene	12.976	156	205754	48.863	ug/l	100
78) n-propylbenzene	13.029	91	968182	54.241	ug/l	100
79) 2-Chlorotoluene	13.118	91	595046	49.895	ug/l	100
80) 1,3,5-Trimethylbenzene	13.165	105	695205	54.757	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	90255	52.111	ug/l	100
82) 4-Chlorotoluene	13.218	91	604612	51.139	ug/l	100
83) tert-Butylbenzene	13.435	119	586493	54.933	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	700260	55.748	ug/l	100
85) sec-Butylbenzene	13.612	105	831143	55.099	ug/l	100
86) p-Isopropyltoluene	13.723	119	692641	50.103	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	372004	47.154	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	374700	46.340	ug/l	100
89) n-Butylbenzene	14.053	91	580445	54.197	ug/l	100
90) Hexachloroethane	14.329	117	133438	46.708	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	358159	47.211	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.712	75	43935	44.611	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	182458	50.473	ug/l	100
94) Hexachlorobutadiene	15.494	225	96444	43.899	ug/l	100
95) Naphthalene	15.635	128	528627	53.265	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	179544	49.473	ug/l	100

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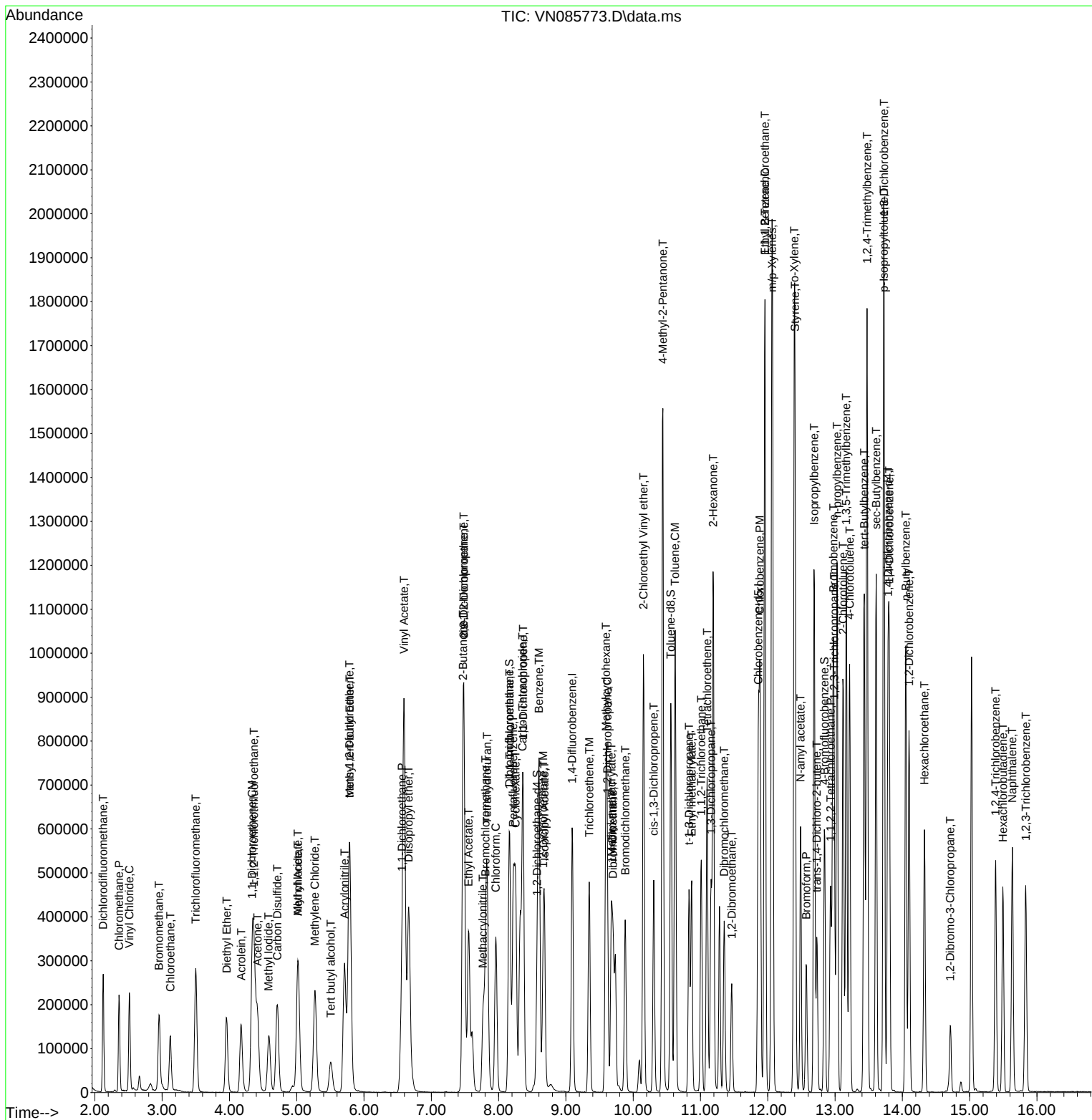
Instrument :
MSVOA_N
ClientSampleId :

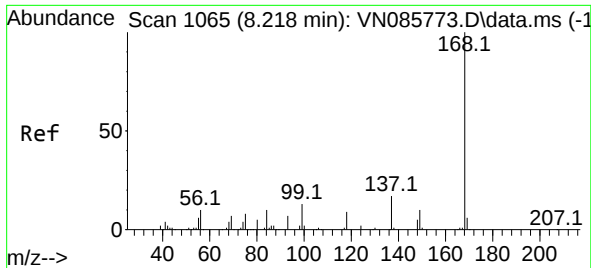
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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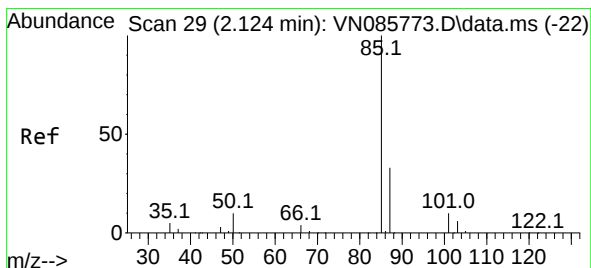
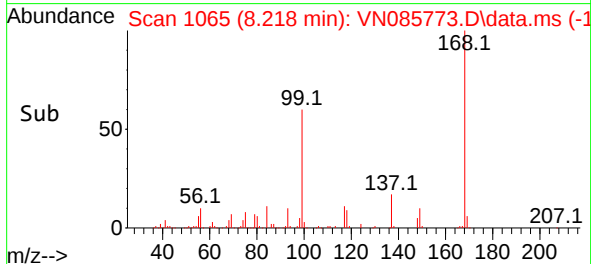
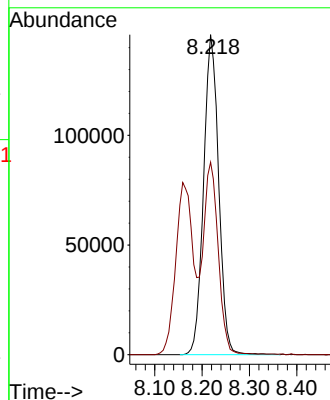
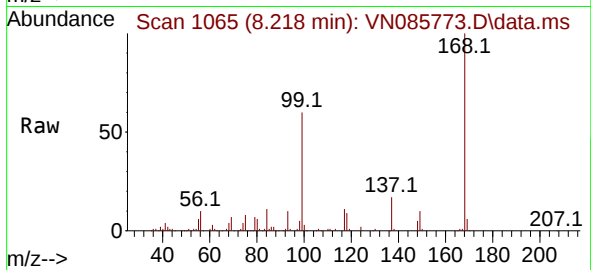




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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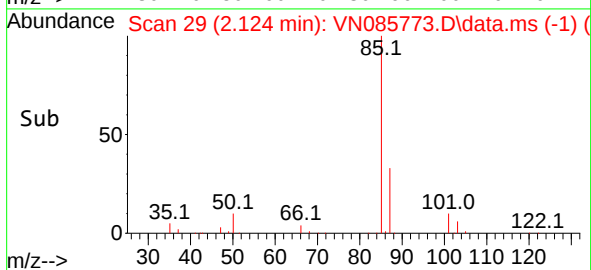
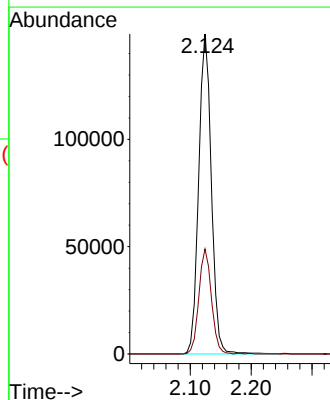
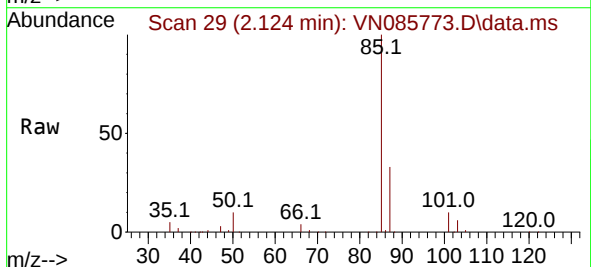
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MSVOA_N
ClientSampleId :

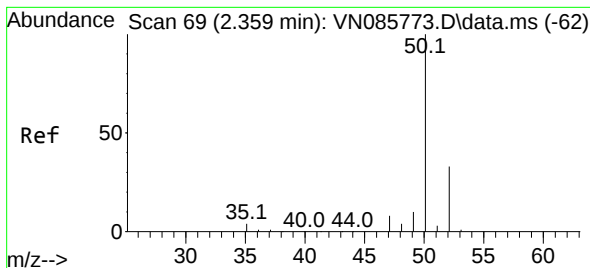
Tgt Ion:168 Resp: 322407
Ion Ratio Lower Upper
168 100
99 59.9 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 49.195 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 85 Resp: 215740
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.2





#3

Chloromethane

Concen: 45.584 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

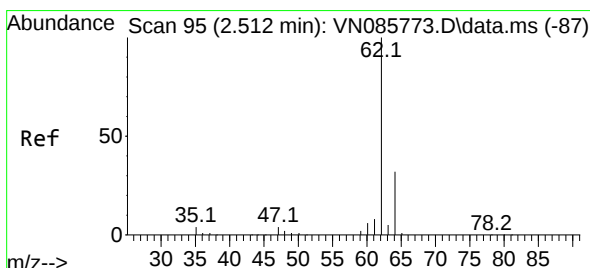
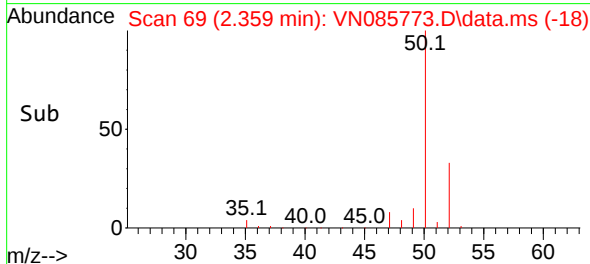
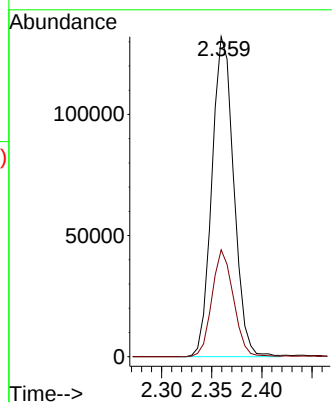
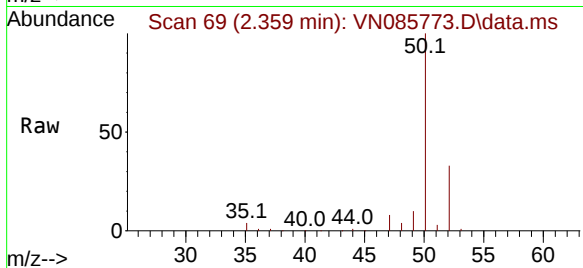
ClientSampleId :

Tgt Ion: 50 Resp: 200592

Ion Ratio Lower Upper

50 100

52 33.4 26.7 40.1



#4

Vinyl Chloride

Concen: 46.933 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085773.D

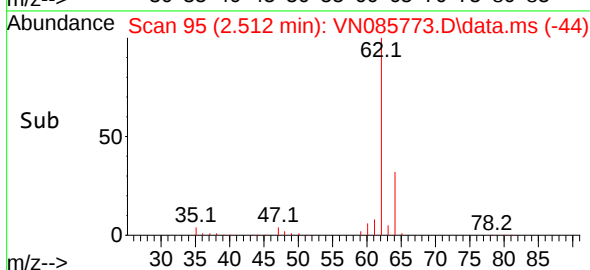
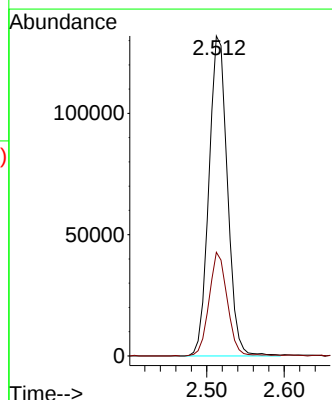
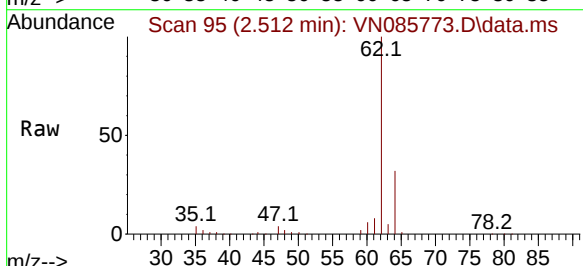
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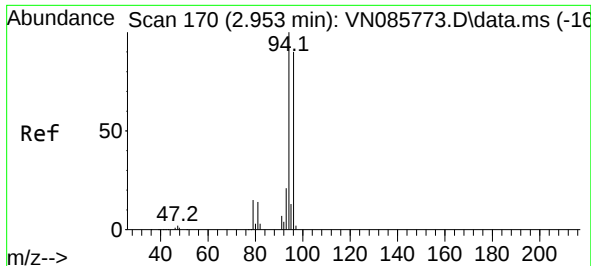
Tgt Ion: 62 Resp: 218675

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9

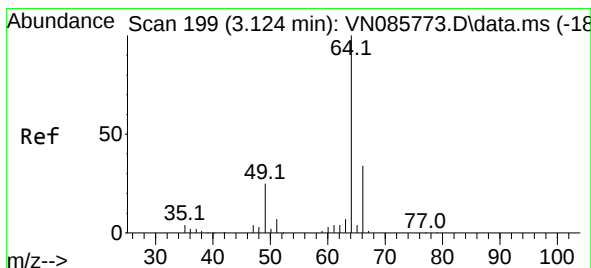
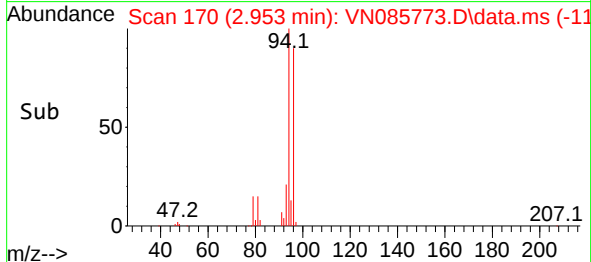
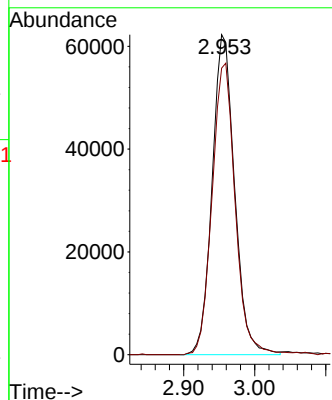
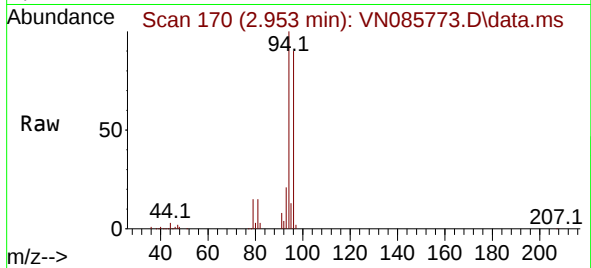




#5
Bromomethane
Concen: 45.838 ug/l
RT: 2.953 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN085773.D
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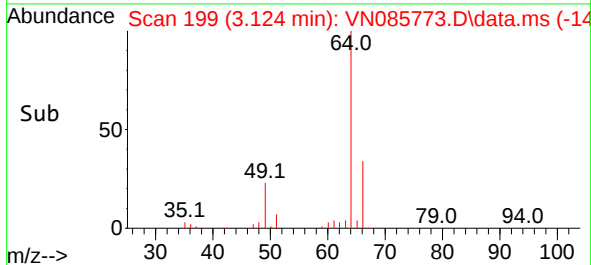
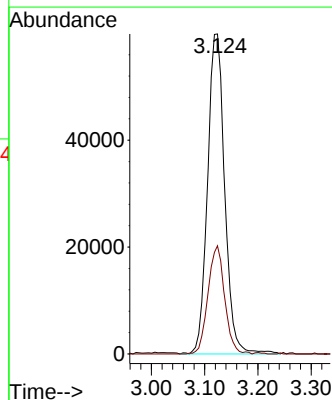
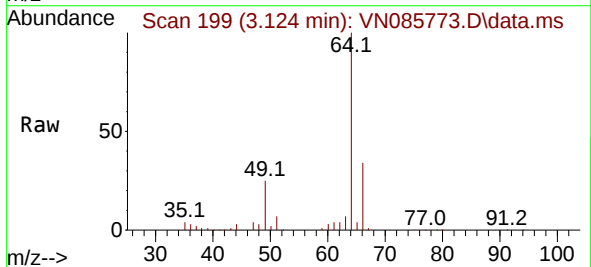
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MSVOA_N
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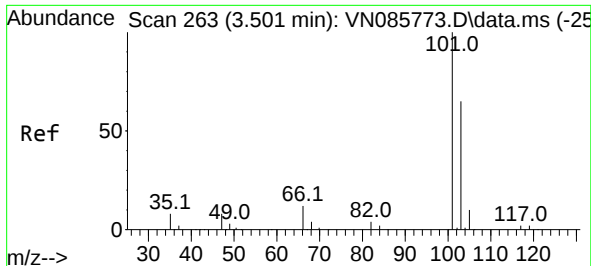
Tgt Ion: 94 Resp: 136563
Ion Ratio Lower Upper
94 100
96 89.6 71.7 107.5



#6
Chloroethane
Concen: 43.517 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 64 Resp: 134303
Ion Ratio Lower Upper
64 100
66 33.8 27.0 40.6

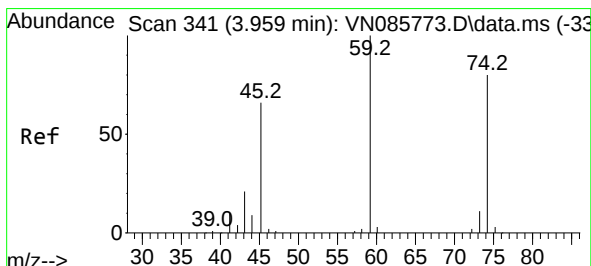
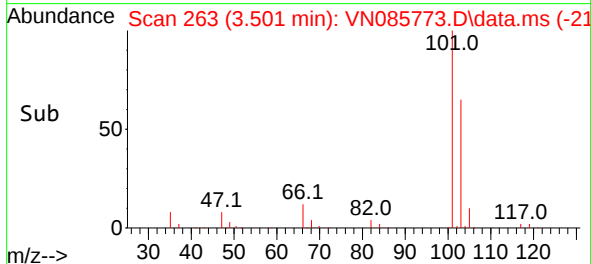
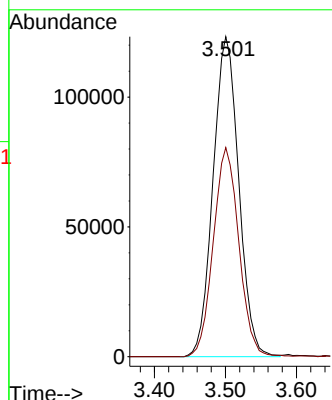
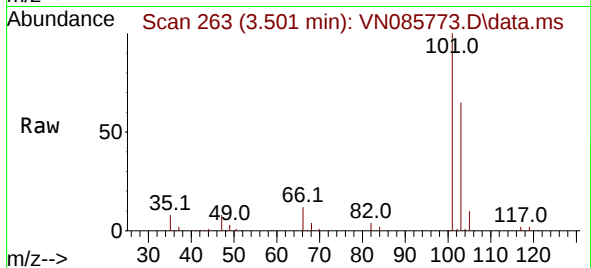




#7
 Trichlorofluoromethane
 Concen: 45.825 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

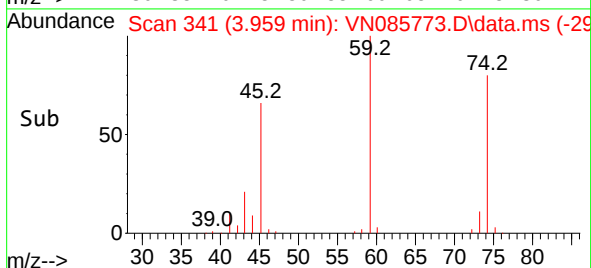
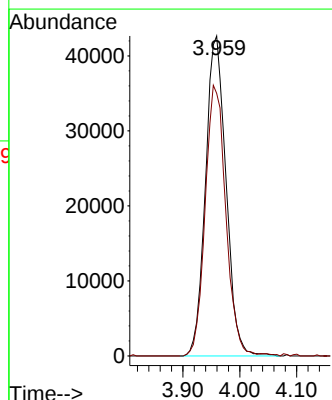
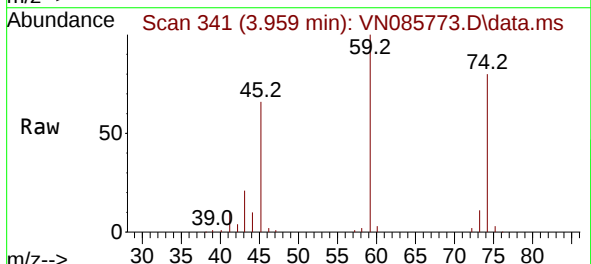
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:101 Resp: 309133
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4



#8
 Diethyl Ether
 Concen: 48.854 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

Tgt Ion: 74 Resp: 106634
 Ion Ratio Lower Upper
 74 100
 45 85.1 42.5 127.6

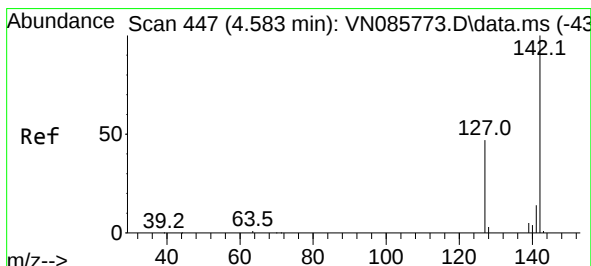
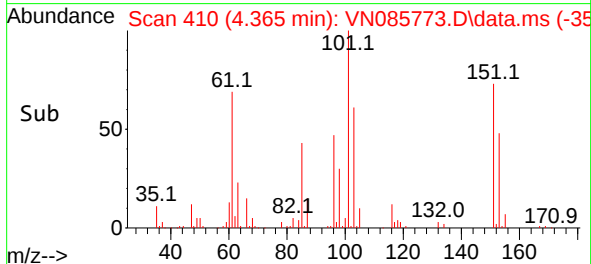
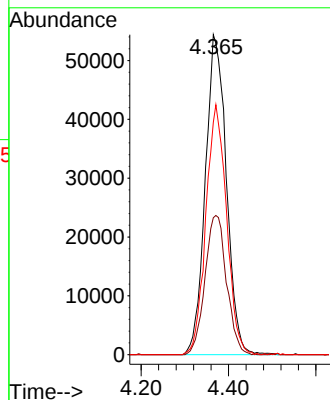
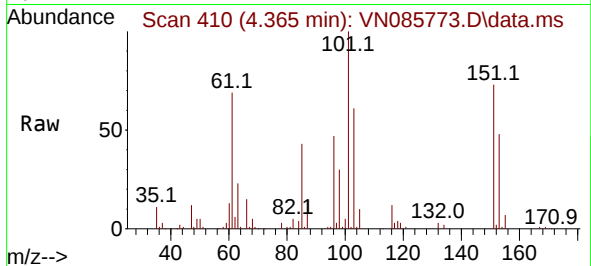




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.673 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085773.D
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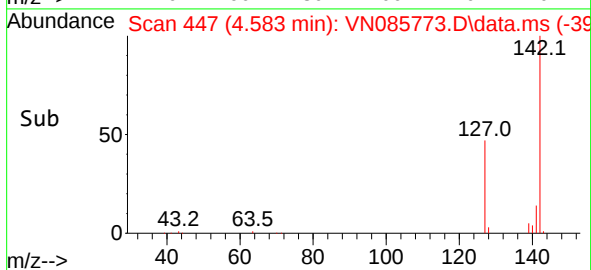
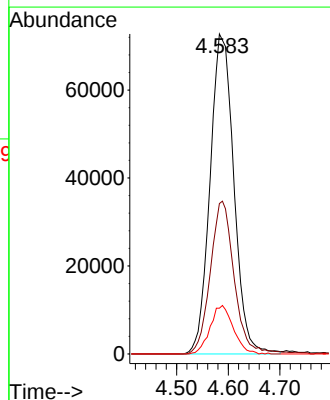
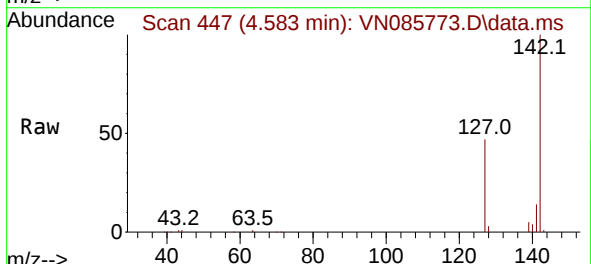
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 181996
Ion Ratio Lower Upper
101 100
85 44.6 35.7 53.5
151 76.8 61.4 92.2



#10
Methyl Iodide
Concen: 48.452 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion:142 Resp: 232889
Ion Ratio Lower Upper
142 100
127 47.0 37.6 56.4
141 14.3 11.4 17.2

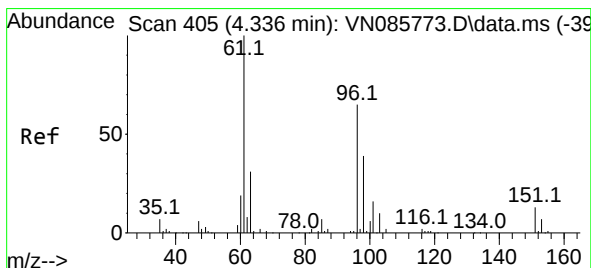
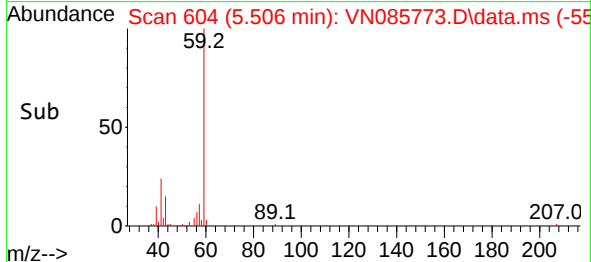
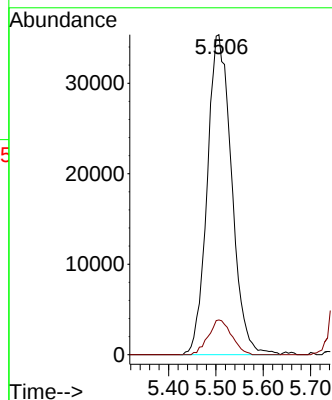
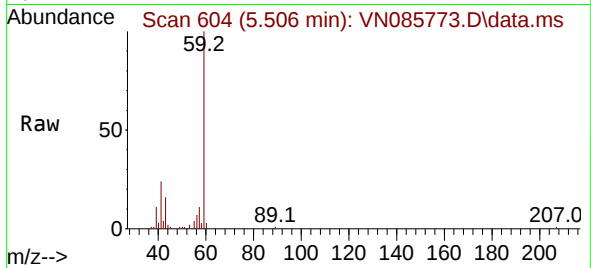




#11
Tert butyl alcohol
Concen: 246.136 ug/l
RT: 5.506 min Scan# 604
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

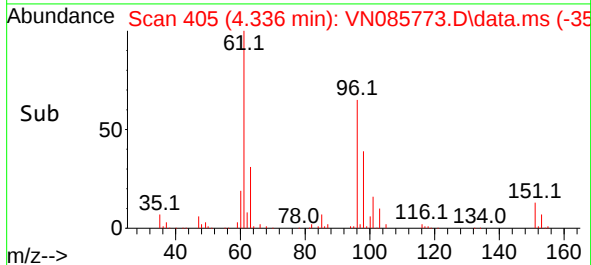
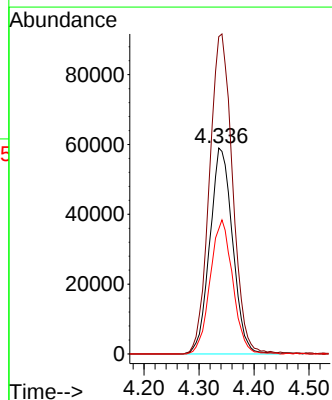
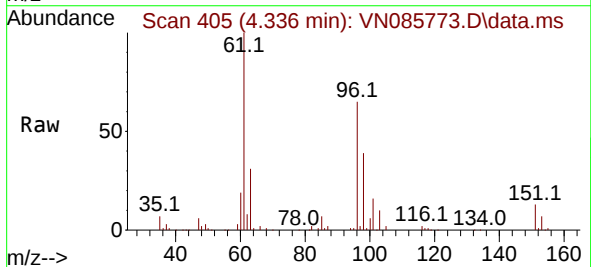
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 126538
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.100 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 96 Resp: 170063
Ion Ratio Lower Upper
96 100
61 154.1 123.3 184.9
98 60.7 48.6 72.8

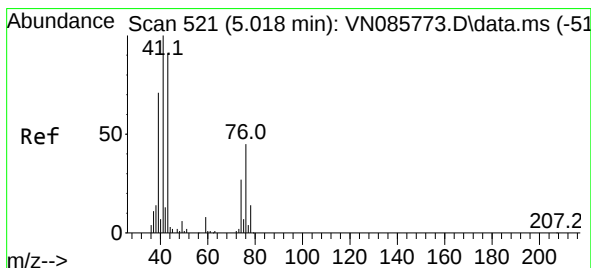
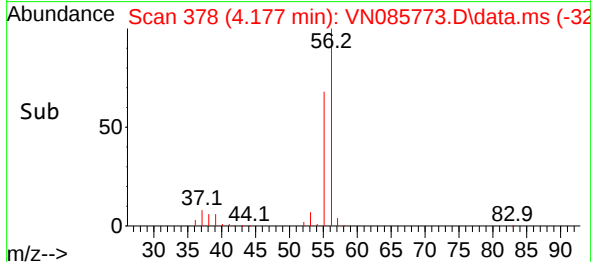
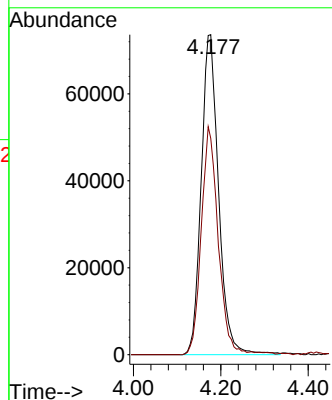
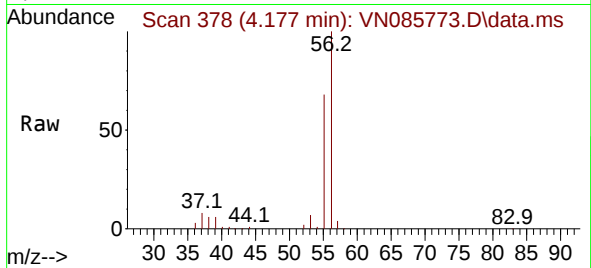




#13
Acrolein
Concen: 267.442 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

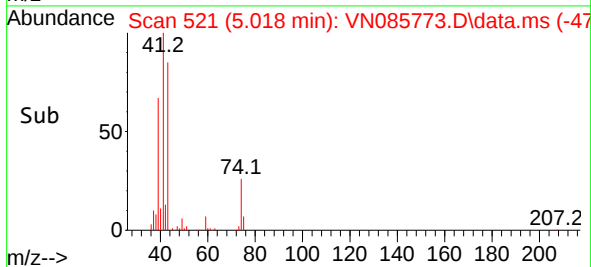
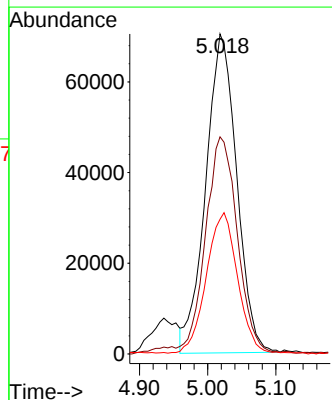
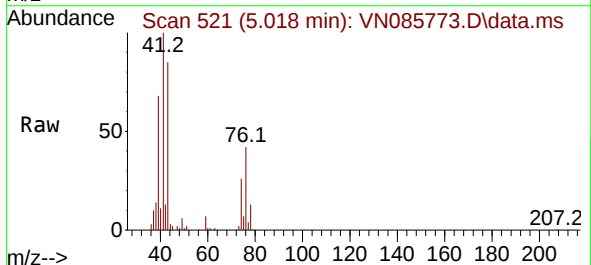
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 203891
Ion Ratio Lower Upper
56 100
55 69.1 55.3 82.9



#14
Allyl chloride
Concen: 47.986 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

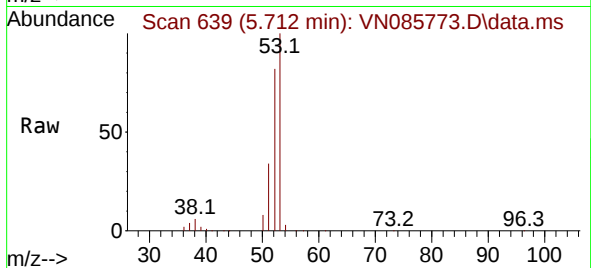
Tgt Ion: 41 Resp: 222754
Ion Ratio Lower Upper
41 100
39 71.8 57.4 86.2
76 45.2 36.2 54.2



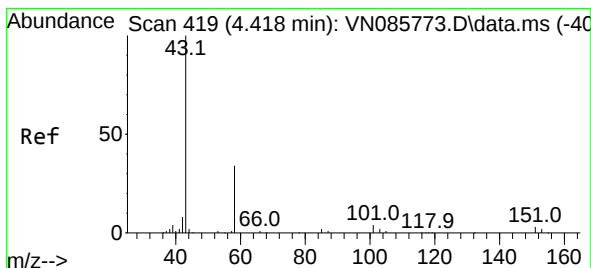
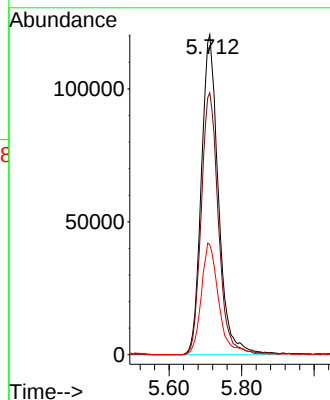
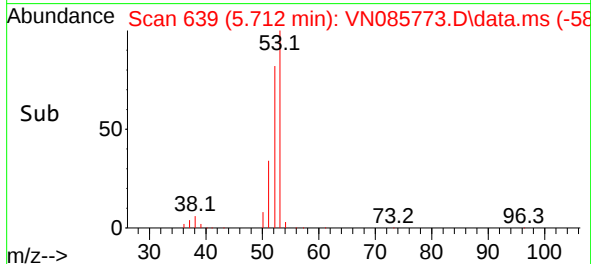


#15
Acrylonitrile
Concen: 236.130 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :

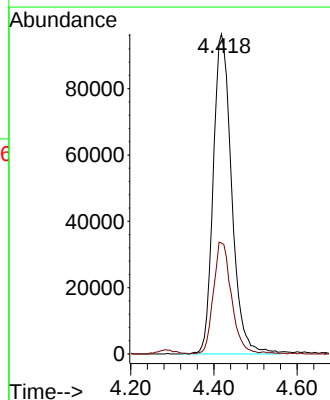
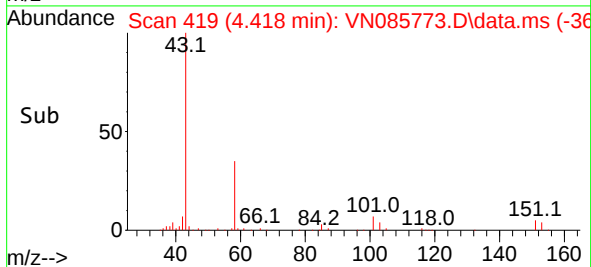
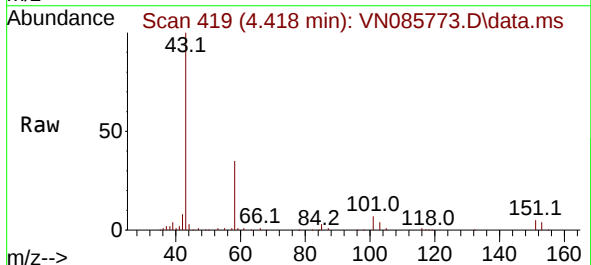


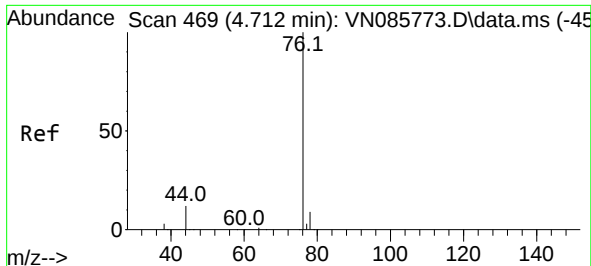
Tgt Ion: 53 Resp: 394641
Ion Ratio Lower Upper
53 100
52 82.2 65.8 98.6
51 35.7 28.6 42.8



#16
Acetone
Concen: 224.691 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 43 Resp: 297175
Ion Ratio Lower Upper
43 100
58 34.4 27.5 41.3

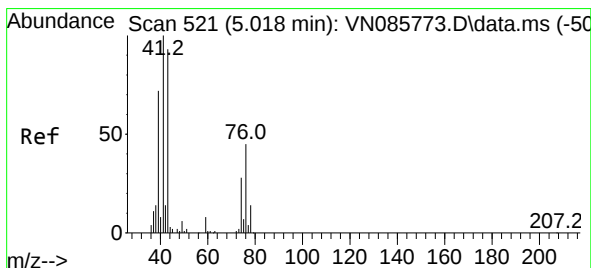
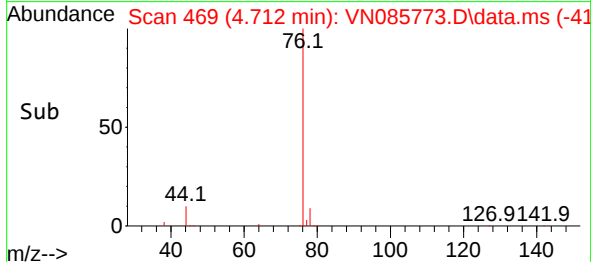
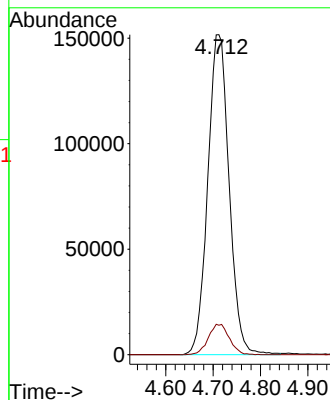
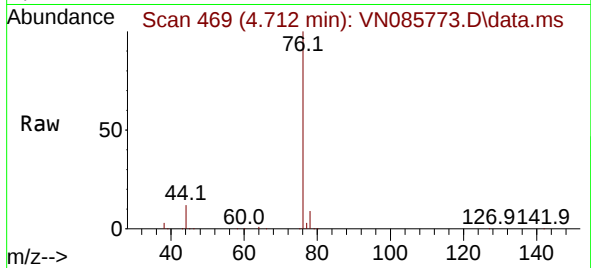




#17
Carbon Disulfide
Concen: 45.317 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

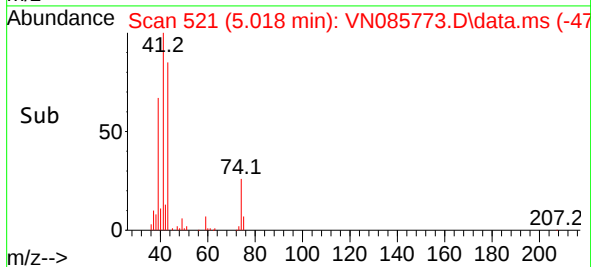
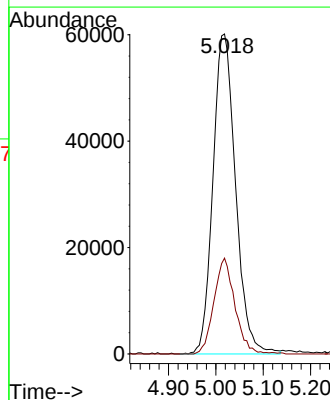
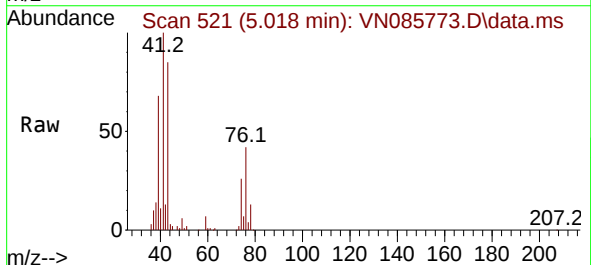
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 474860
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 43.846 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 43 Resp: 199458
Ion Ratio Lower Upper
43 100
74 27.8 22.2 33.4

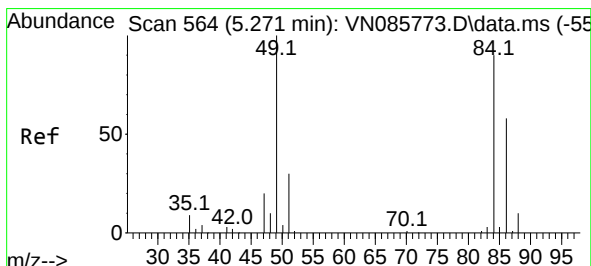
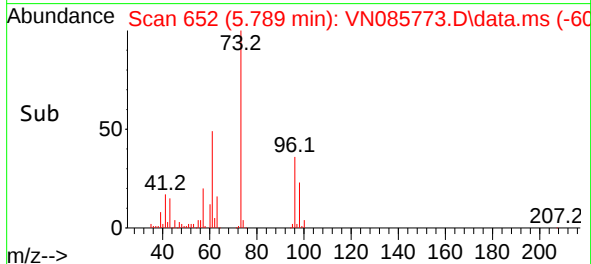
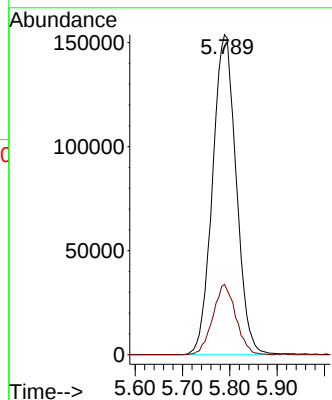
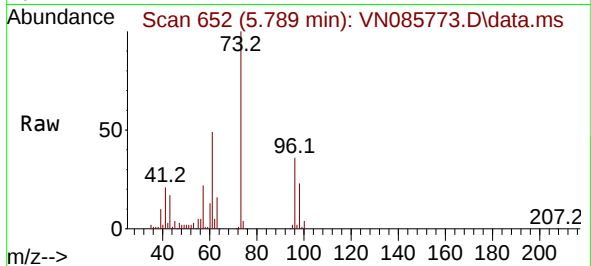




#19
Methyl tert-butyl Ether
Concen: 50.883 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

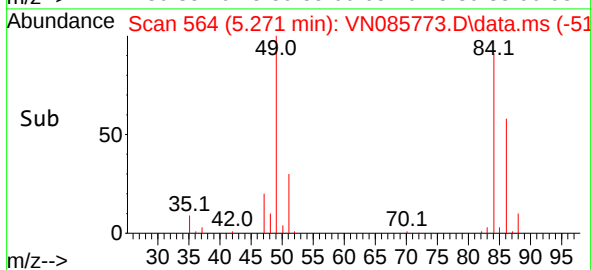
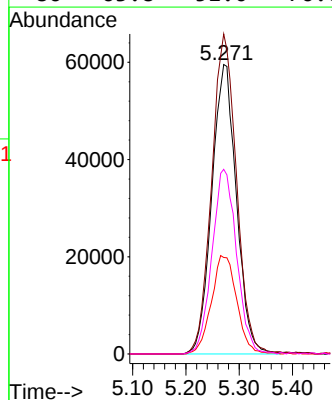
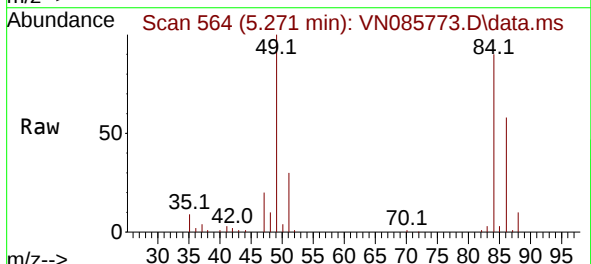
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 73 Resp: 534589
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4



#20
Methylene Chloride
Concen: 44.929 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

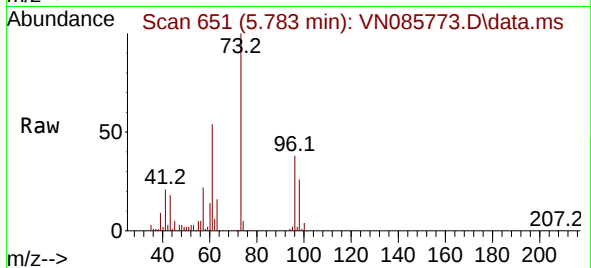
Tgt Ion: 84 Resp: 191098
Ion Ratio Lower Upper
84 100
49 110.5 88.4 132.6
51 33.3 26.6 40.0
86 63.8 51.0 76.6



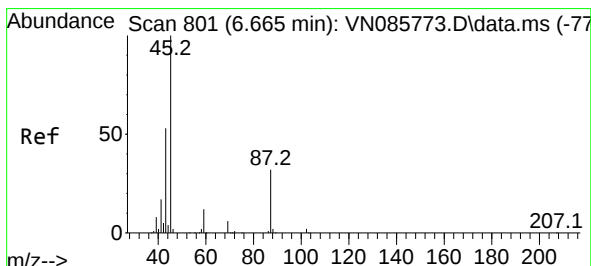
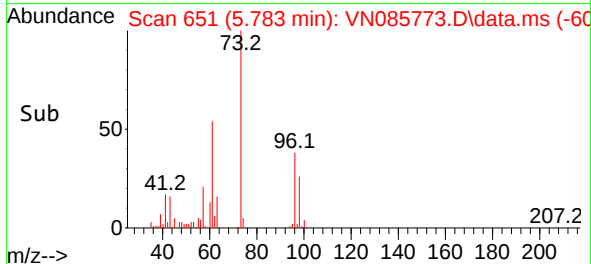
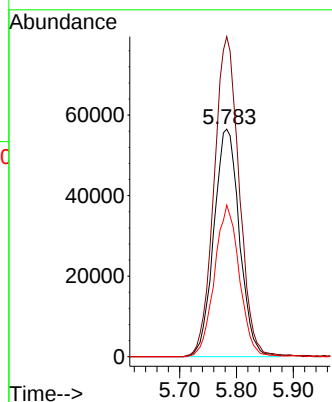


#21
trans-1,2-Dichloroethene
Concen: 46.486 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :

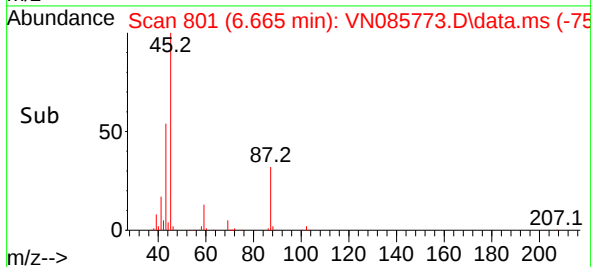
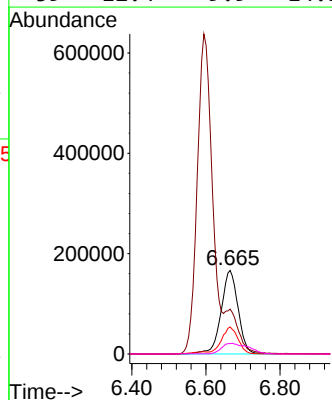
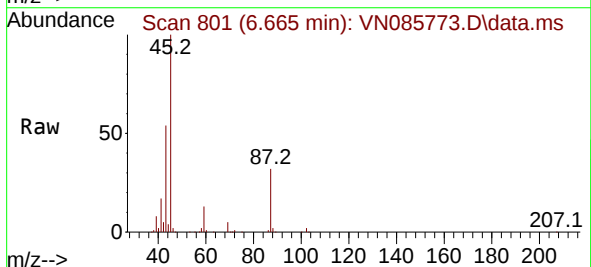


Tgt Ion: 96 Resp: 176973
Ion Ratio Lower Upper
96 100
61 140.7 112.6 168.8
98 66.6 53.3 79.9



#22
Diisopropyl ether
Concen: 50.512 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 45 Resp: 529828
Ion Ratio Lower Upper
45 100
43 53.3 42.6 64.0
87 32.3 25.8 38.8
59 12.4 9.9 14.9

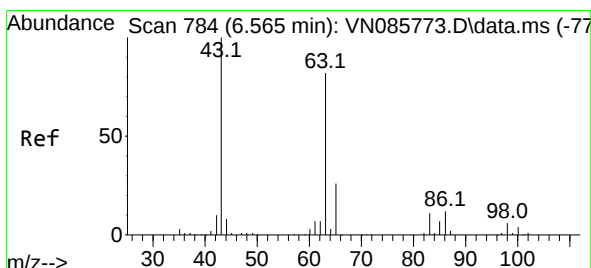
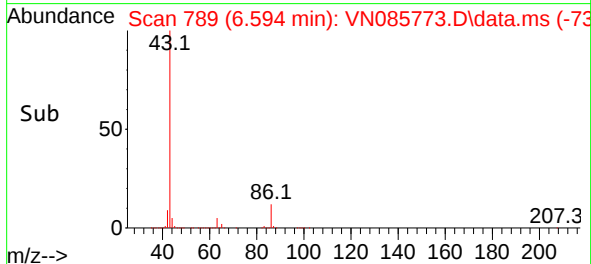
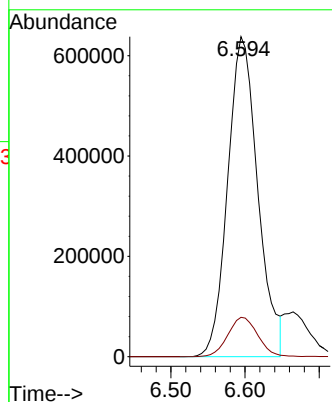
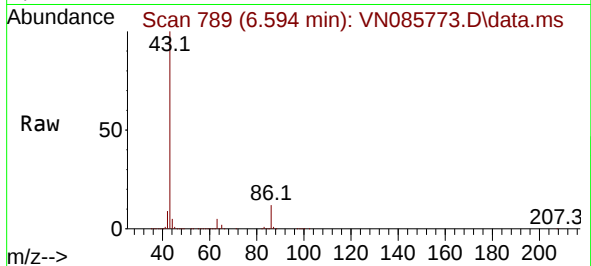




#23
 Vinyl Acetate
 Concen: 251.727 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

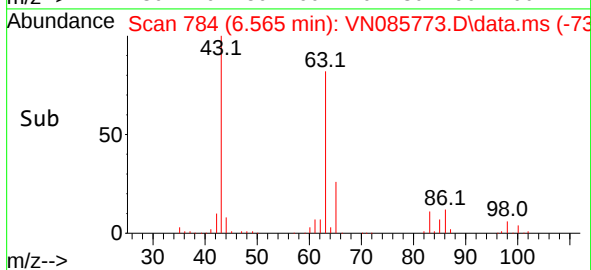
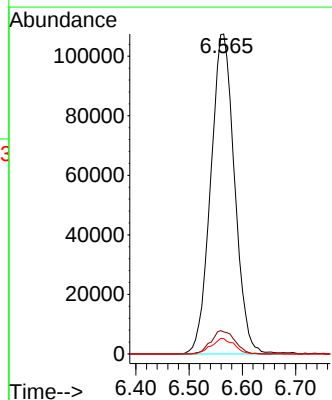
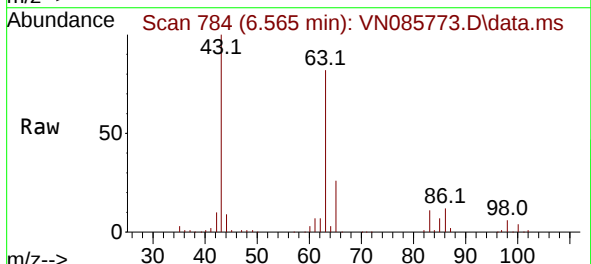
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 43 Resp: 1802342
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 46.781 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

Tgt Ion: 63 Resp: 333567
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.8 2.4 7.2

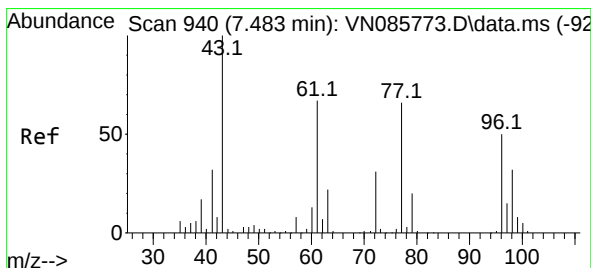
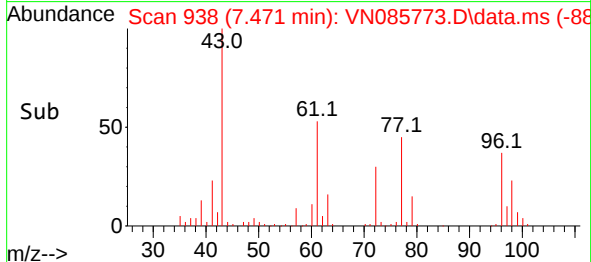
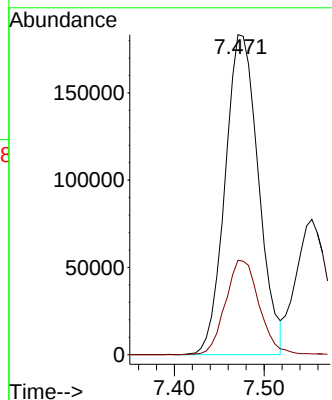
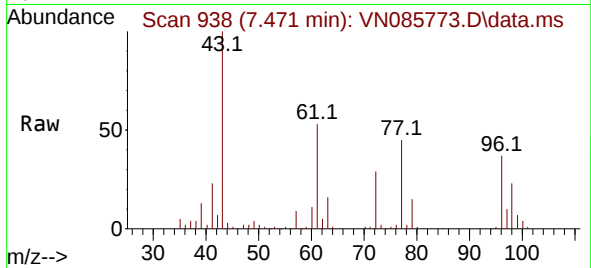




#25
2-Butanone
Concen: 243.893 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

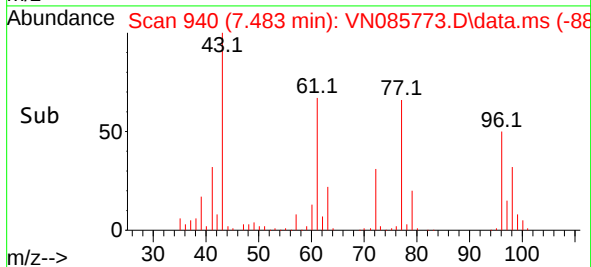
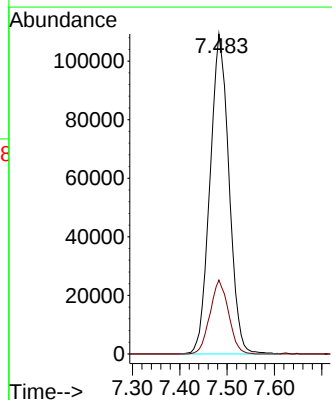
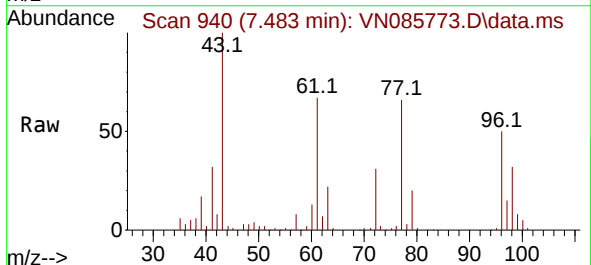
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 474562
Ion Ratio Lower Upper
43 100
72 29.5 23.6 35.4



#26
2,2-Dichloropropane
Concen: 48.079 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 77 Resp: 304840
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 48.306 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

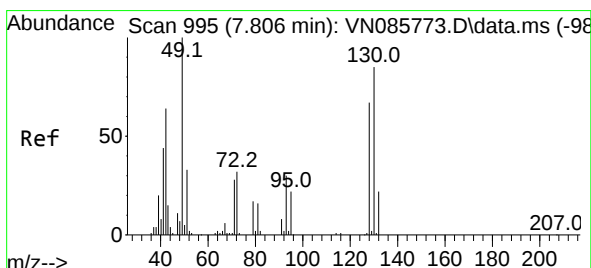
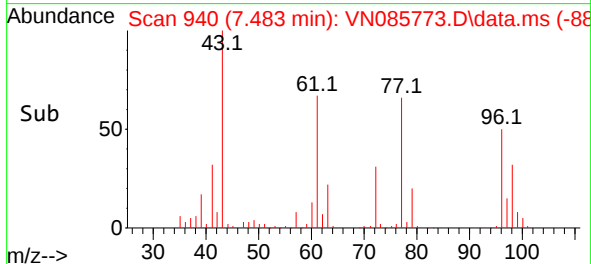
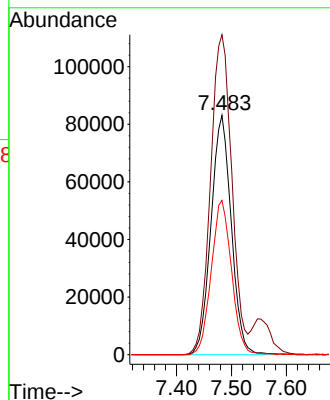
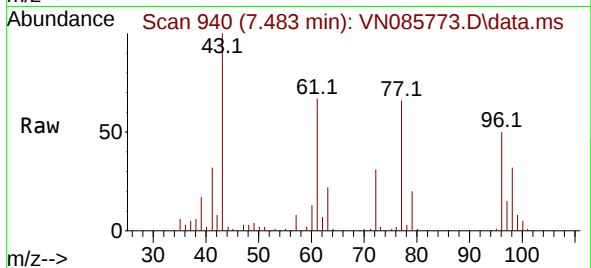
Tgt Ion: 96 Resp: 213235

Ion Ratio Lower Upper

96 100

61 140.3 0.0 280.6

98 64.3 0.0 128.6



#28

Bromochloromethane

Concen: 48.888 ug/l

RT: 7.806 min Scan# 995

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

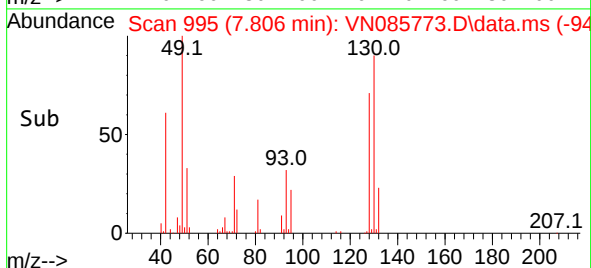
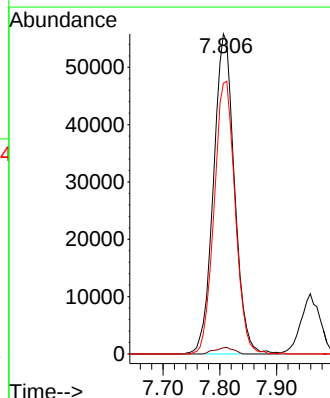
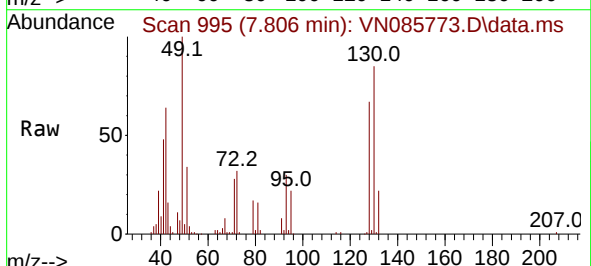
Tgt Ion: 49 Resp: 143276

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 85.0 68.0 102.0





#29

Tetrahydrofuran

Concen: 250.894 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

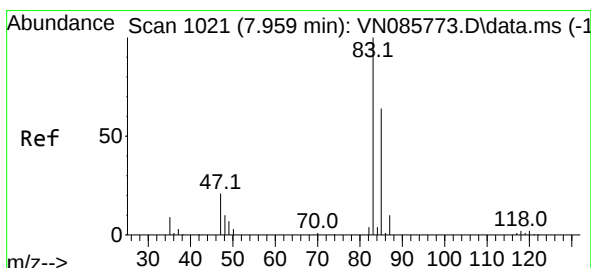
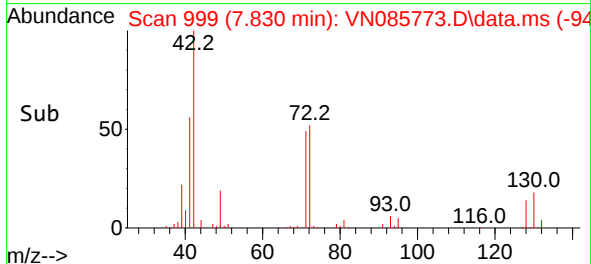
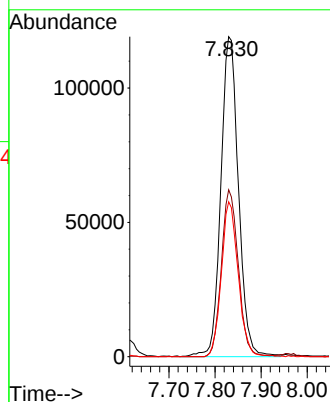
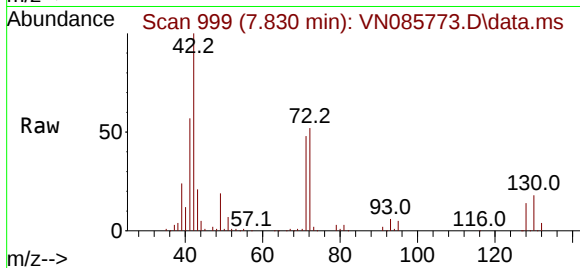
Tgt Ion: 42 Resp: 315243

Ion Ratio Lower Upper

42 100

72 50.0 40.0 60.0

71 46.2 37.0 55.4



#30

Chloroform

Concen: 46.278 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VN085773.D

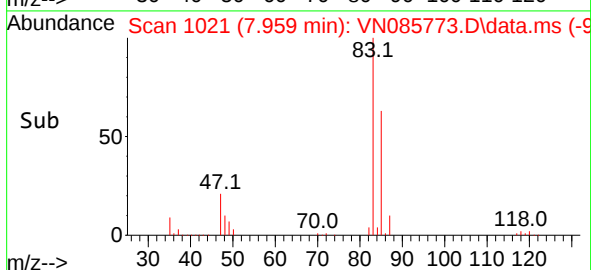
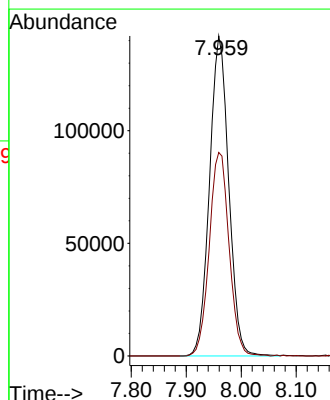
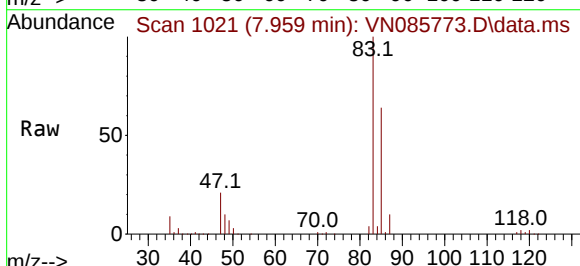
Acq: 18 Feb 2025 11:32

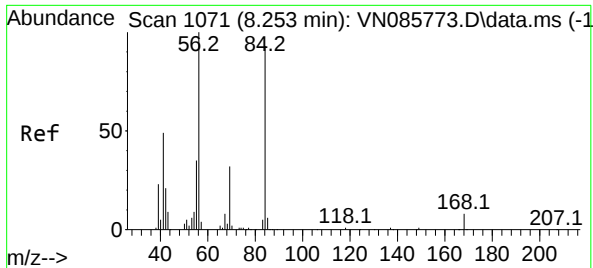
Tgt Ion: 83 Resp: 344841

Ion Ratio Lower Upper

83 100

85 63.6 50.9 76.3

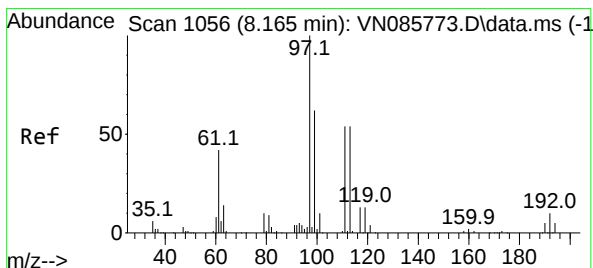
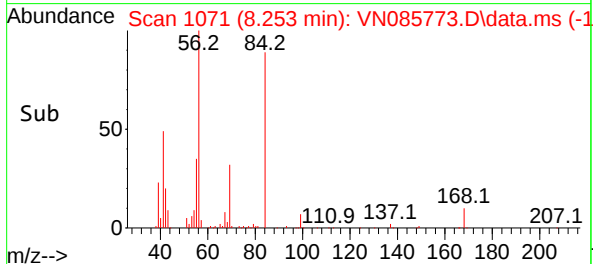
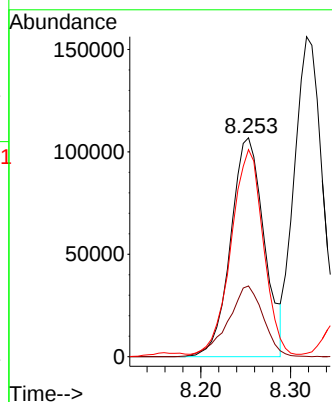
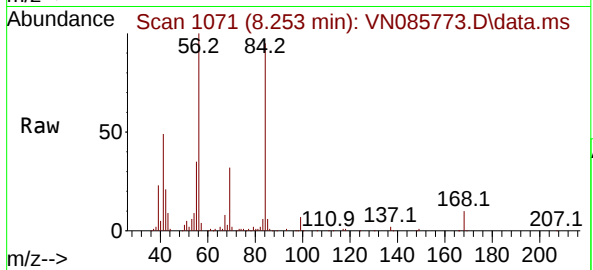




#31
Cyclohexane
Concen: 46.440 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

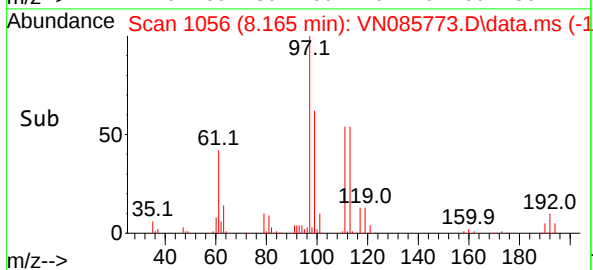
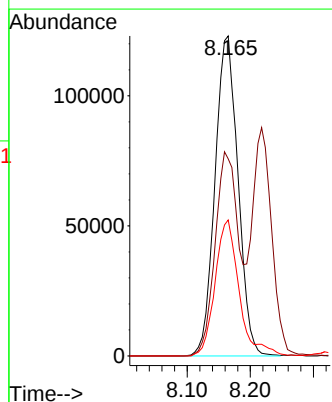
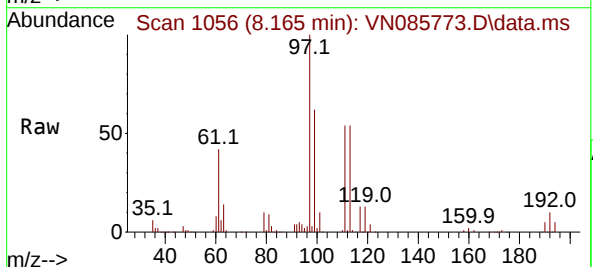
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 277254
Ion Ratio Lower Upper
56 100
69 32.2 25.8 38.6
84 93.1 74.5 111.7



#32
1,1,1-Trichloroethane
Concen: 47.030 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 97 Resp: 311700
Ion Ratio Lower Upper
97 100
99 63.0 50.4 75.6
61 44.4 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 47.304 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

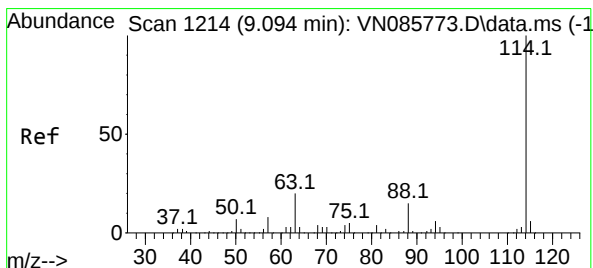
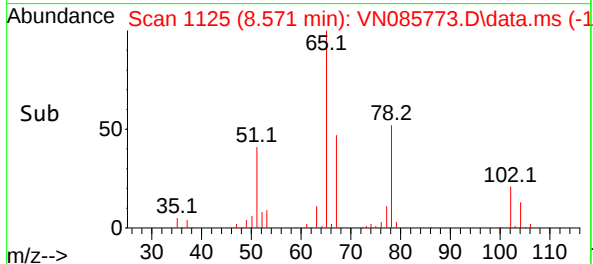
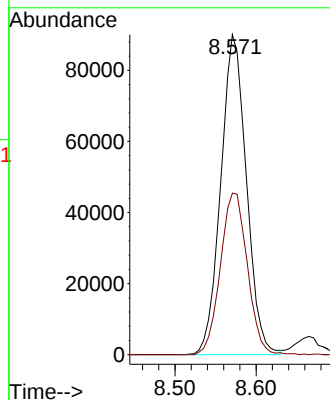
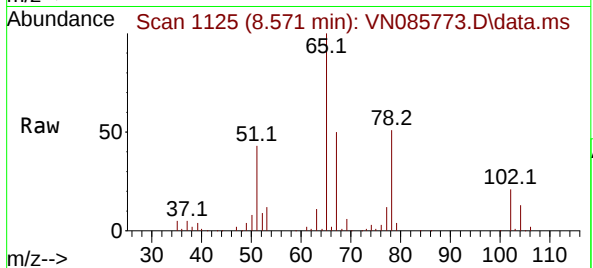
ClientSampleId :

Tgt Ion: 65 Resp: 197726

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

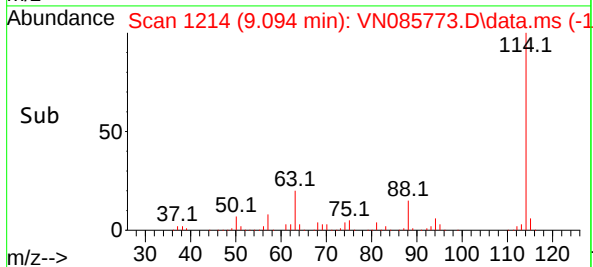
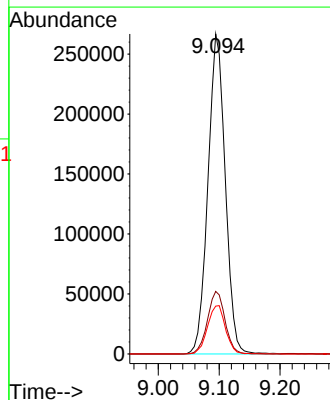
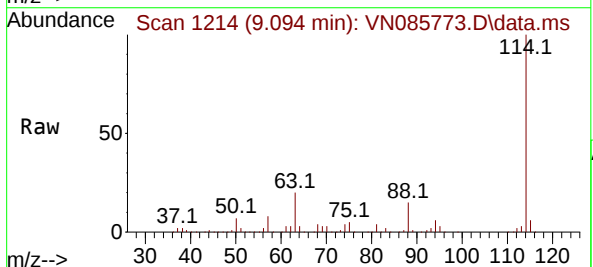
Tgt Ion: 114 Resp: 526945

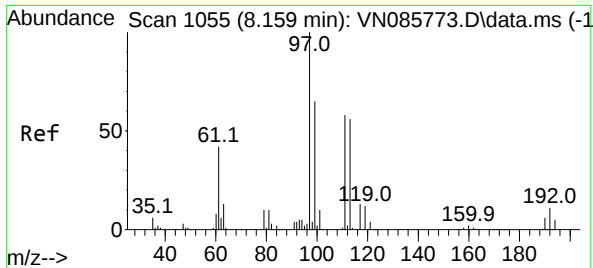
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

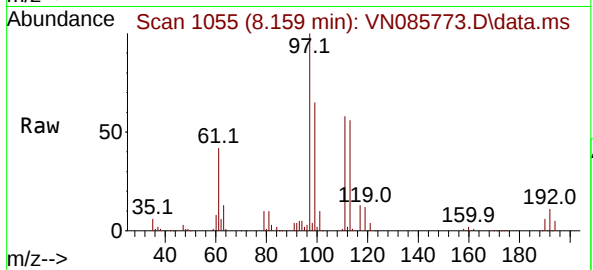
88 15.0 0.0 30.0



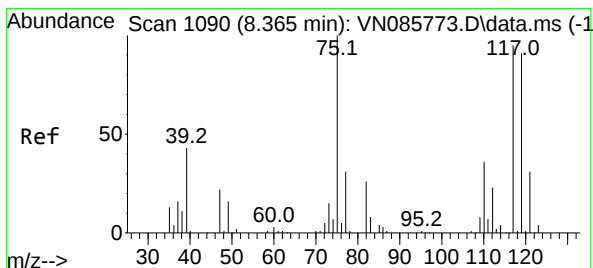
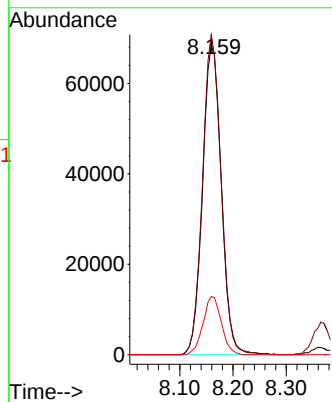
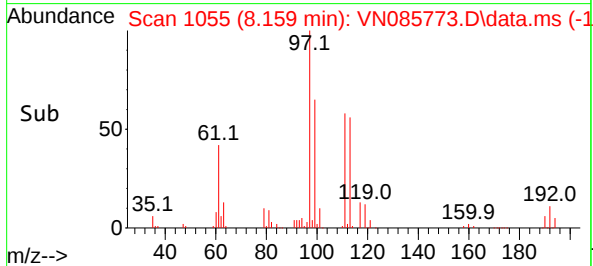


#35
Dibromofluoromethane
Concen: 48.447 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

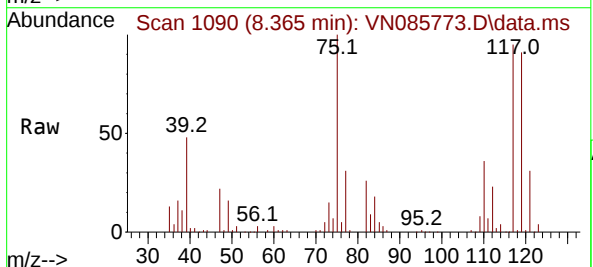
Instrument :
MSVOA_N
ClientSampleId :



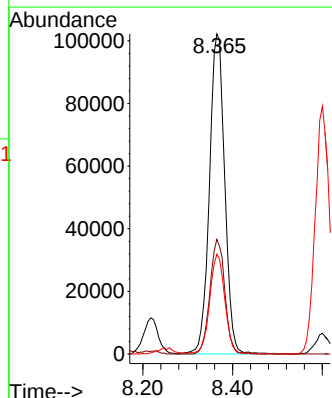
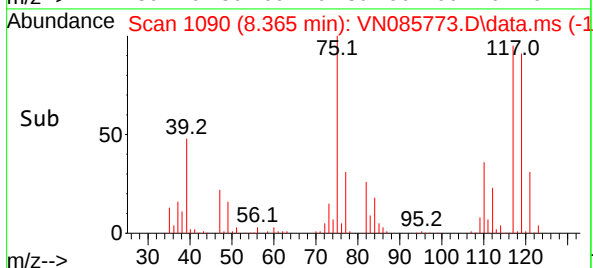
Tgt Ion:113 Resp: 167050
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 18.4 14.7 22.1

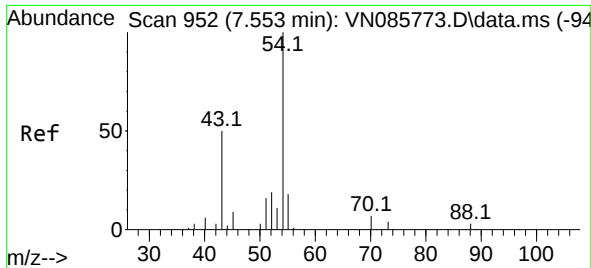


#36
1,1-Dichloropropene
Concen: 49.620 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32



Tgt Ion: 75 Resp: 242144
Ion Ratio Lower Upper
75 100
110 34.7 17.3 52.0
77 30.8 24.6 37.0

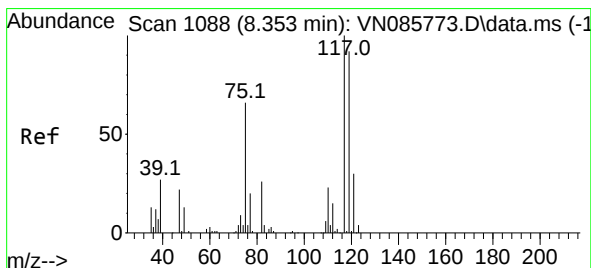
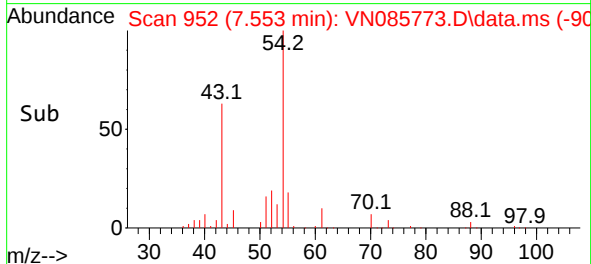
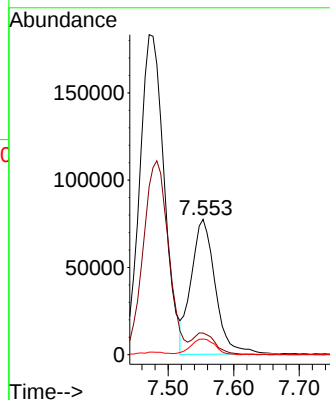
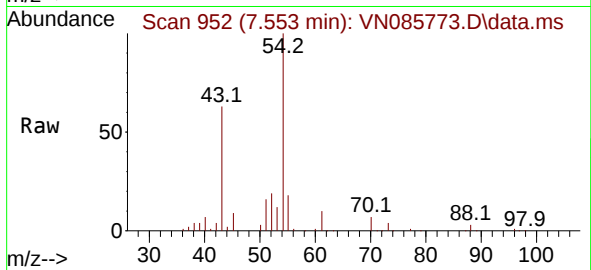




#37
Ethyl Acetate
Concen: 49.206 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

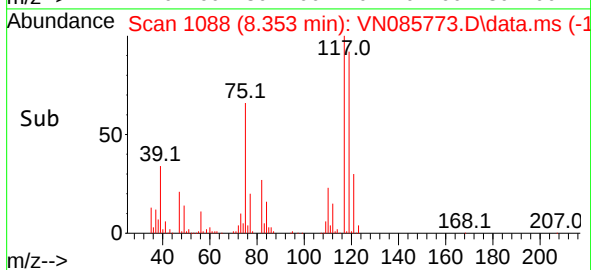
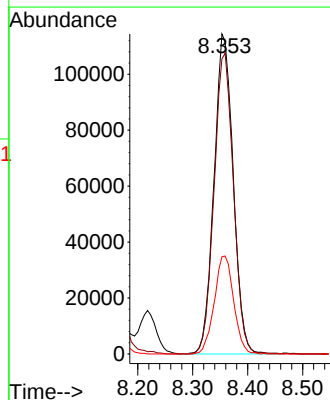
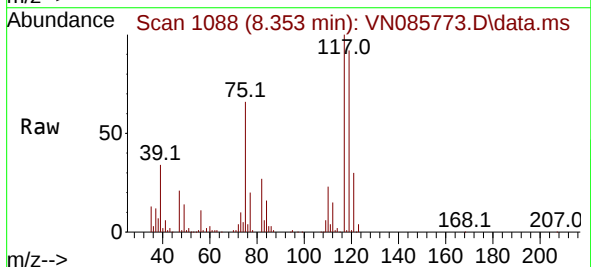
Instrument :
MSVOA_N
ClientSampleId :

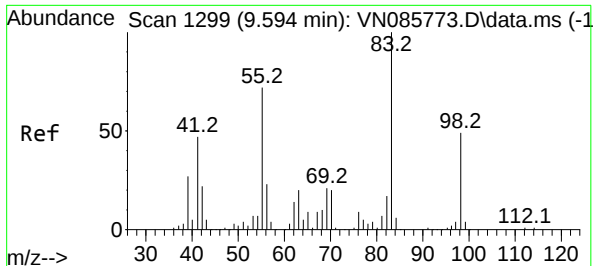
Tgt Ion: 43 Resp: 197609
Ion Ratio Lower Upper
43 100
61 15.2 12.2 18.2
70 11.9 9.5 14.3



#38
Carbon Tetrachloride
Concen: 47.997 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 117 Resp: 278306
Ion Ratio Lower Upper
117 100
119 92.2 73.8 110.6
121 30.4 24.3 36.5





#39

Methylcyclohexane

Concen: 54.085 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

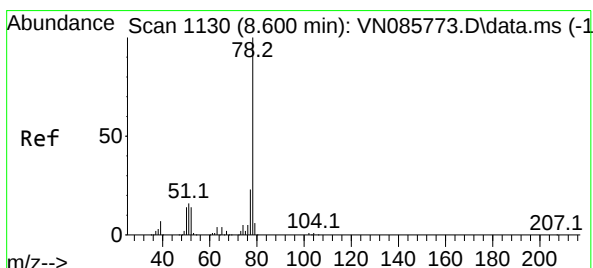
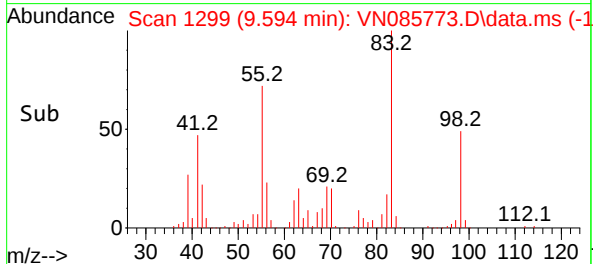
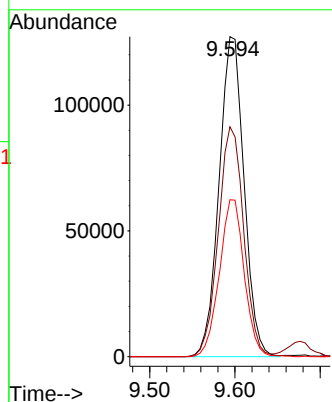
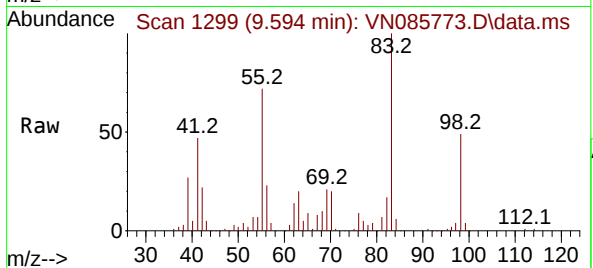
Tgt Ion: 83 Resp: 259289

Ion Ratio Lower Upper

83 100

55 71.9 57.5 86.3

98 49.0 39.2 58.8



#40

Benzene

Concen: 48.551 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085773.D

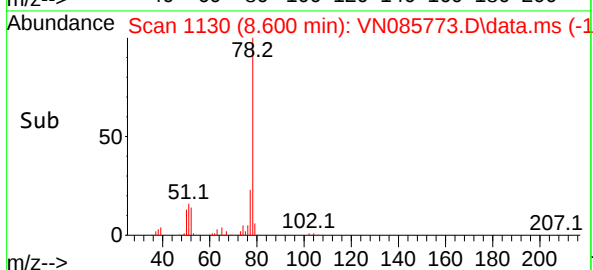
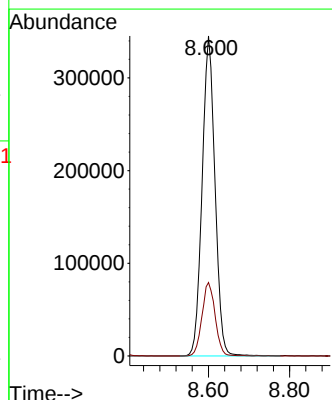
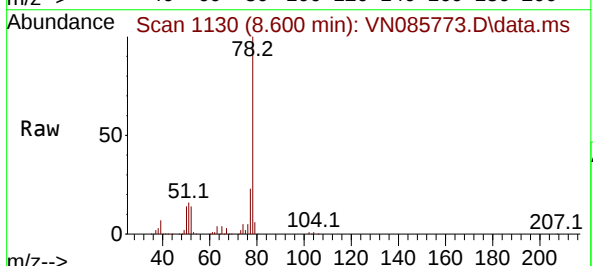
Acq: 18 Feb 2025 11:32

Tgt Ion: 78 Resp: 759363

Ion Ratio Lower Upper

78 100

77 22.9 18.3 27.5



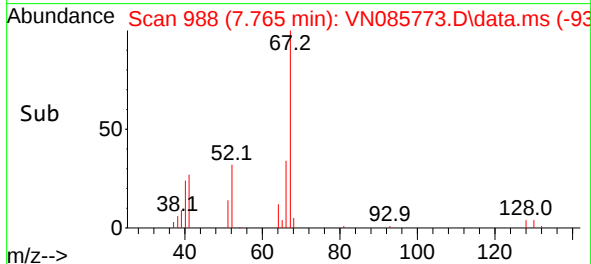
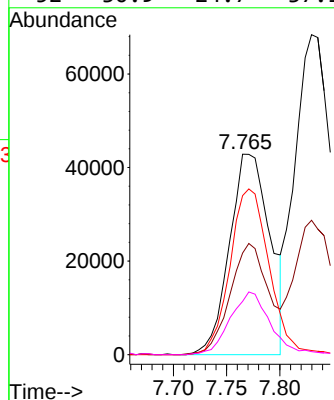
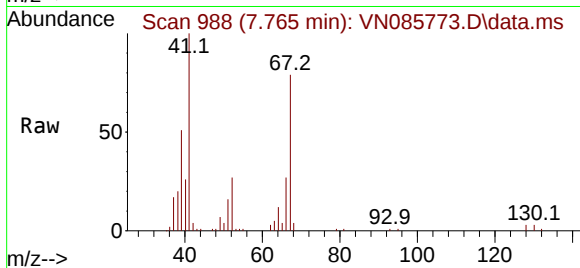


#41
Methacrylonitrile
Concen: 52.901 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 113568

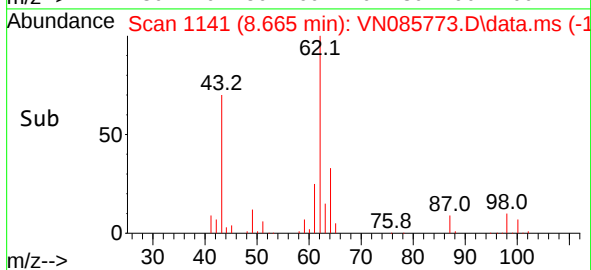
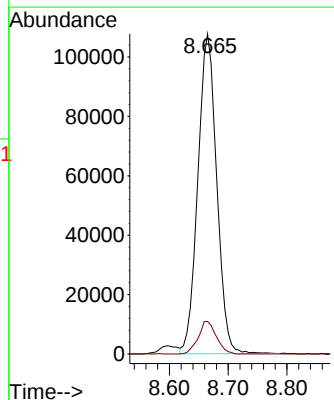
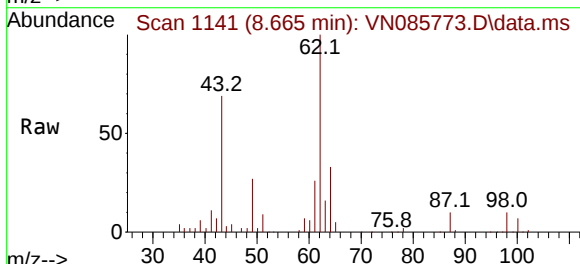
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.0	63.0
67	80.3	64.2	96.4
52	30.9	24.7	37.1



#42
1,2-Dichloroethane
Concen: 47.132 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 62 Resp: 240115

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6

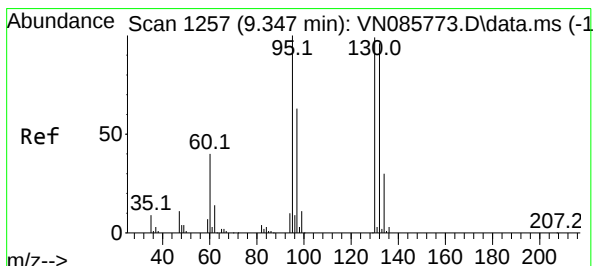
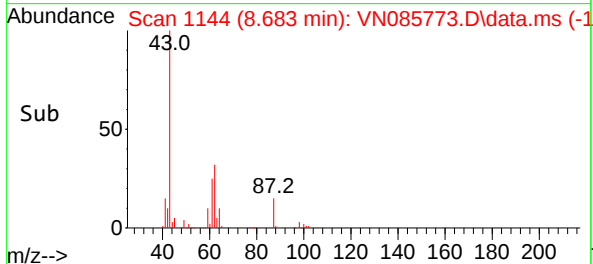
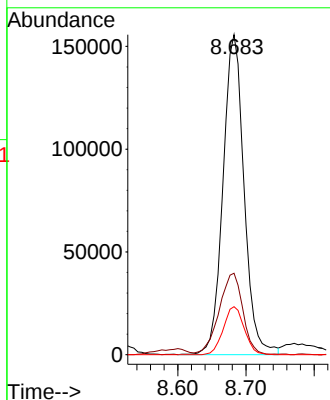
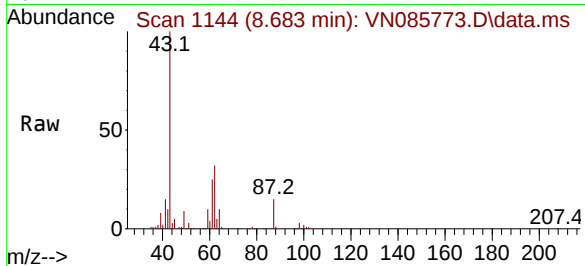




#43
Isopropyl Acetate
Concen: 47.574 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

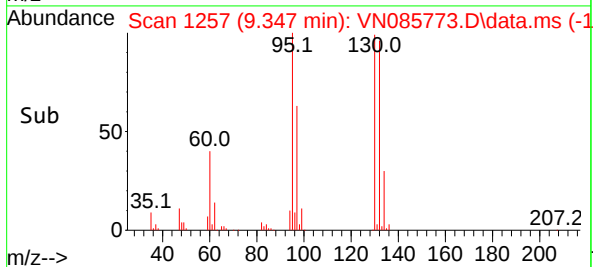
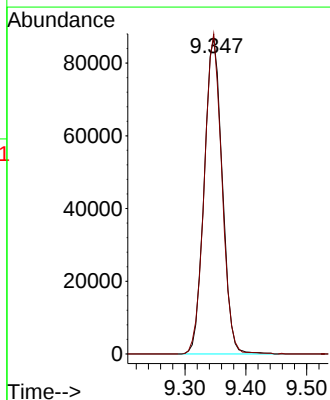
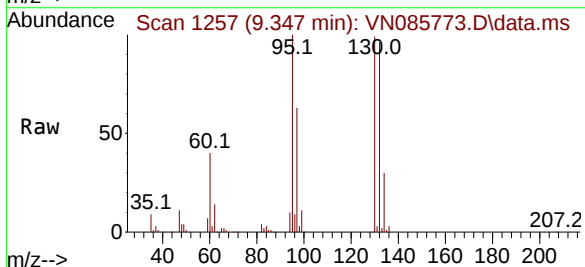
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 335482
Ion Ratio Lower Upper
43 100
61 28.3 22.6 34.0
87 14.8 11.8 17.8



#44
Trichloroethene
Concen: 46.544 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion:130 Resp: 178742
Ion Ratio Lower Upper
130 100
95 101.3 0.0 202.6





#45

1,2-Dichloropropane

Concen: 48.379 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

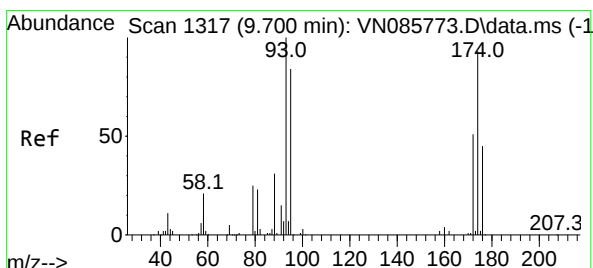
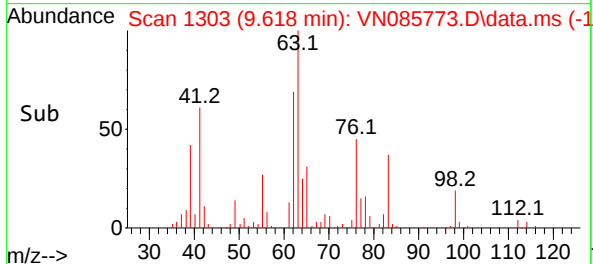
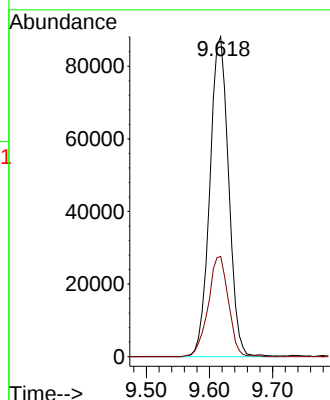
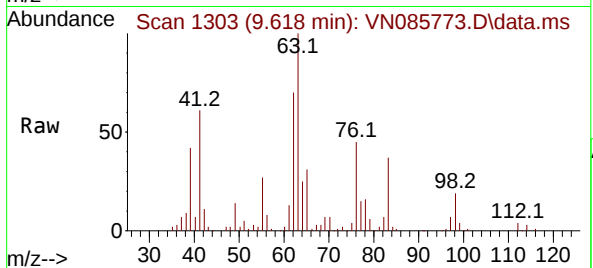
ClientSampleId :

Tgt Ion: 63 Resp: 182649

Ion Ratio Lower Upper

63 100

65 31.4 25.1 37.7



#46

Dibromomethane

Concen: 48.010 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

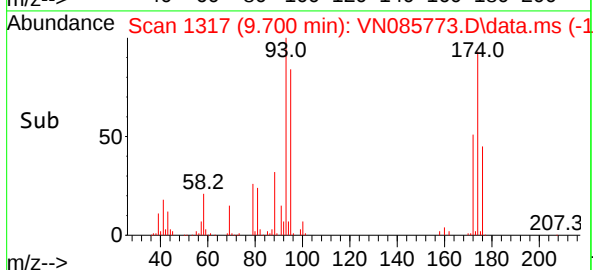
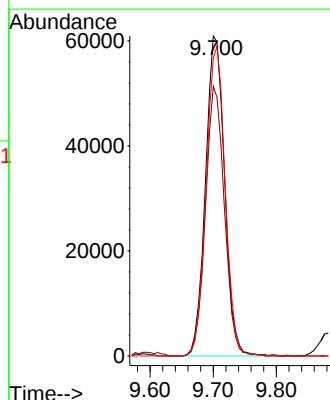
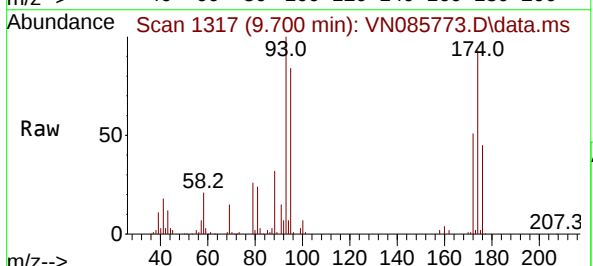
Tgt Ion: 93 Resp: 127850

Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

174 96.5 77.2 115.8

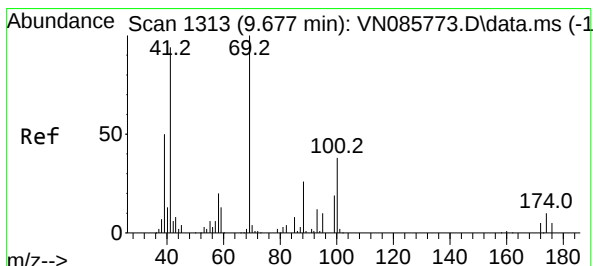
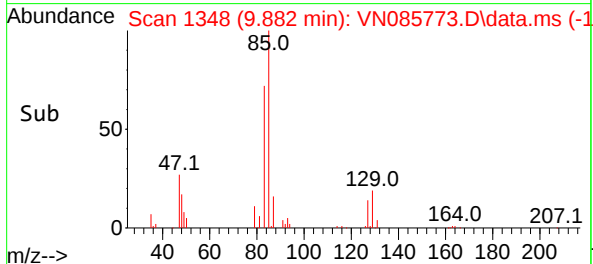
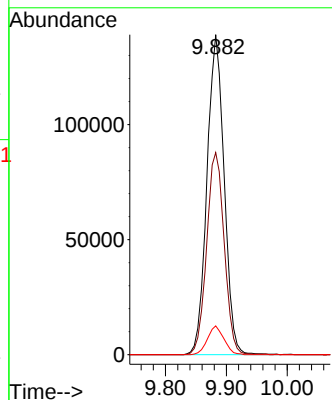
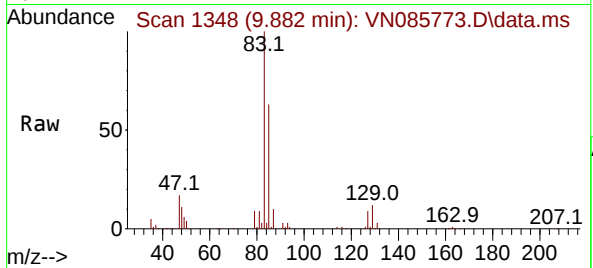




#47
Bromodichloromethane
Concen: 47.901 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

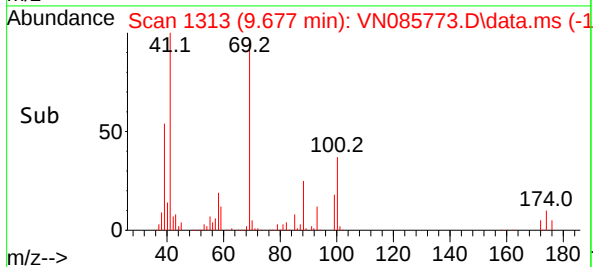
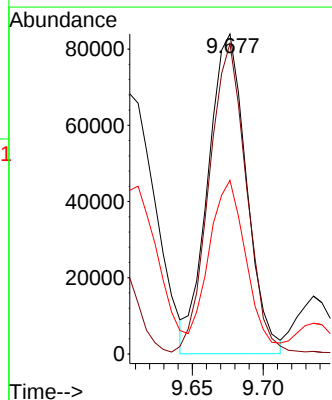
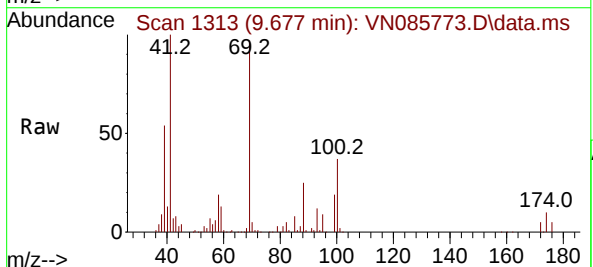
Instrument :
MSVOA_N
ClientSampleId :

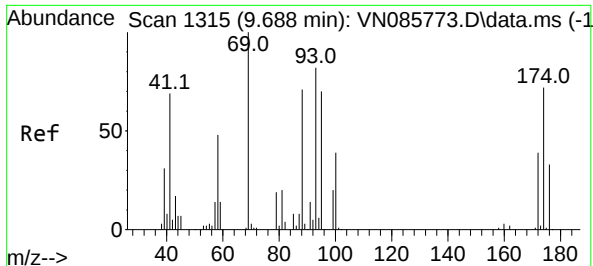
Tgt Ion: 83 Resp: 272912
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 9.0 7.2 10.8



#48
Methyl methacrylate
Concen: 53.102 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 41 Resp: 158375
Ion Ratio Lower Upper
41 100
69 95.0 76.0 114.0
39 52.9 42.3 63.5





#49

1,4-Dioxane

Concen: 1071.301 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

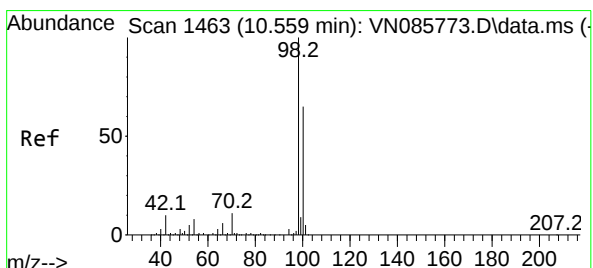
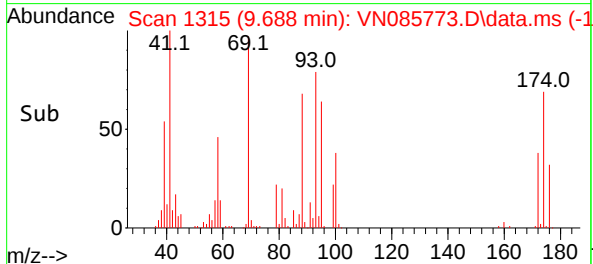
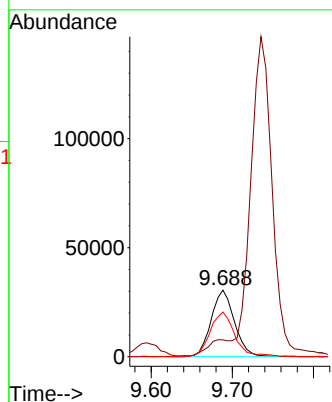
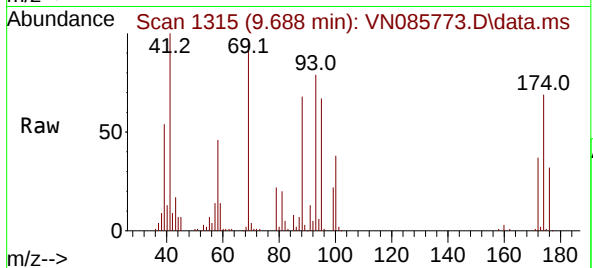
Tgt Ion: 88 Resp: 60759

Ion Ratio Lower Upper

88 100

43 23.2 18.6 27.8

58 70.9 56.7 85.1



#50

Toluene-d8

Concen: 50.380 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VN085773.D

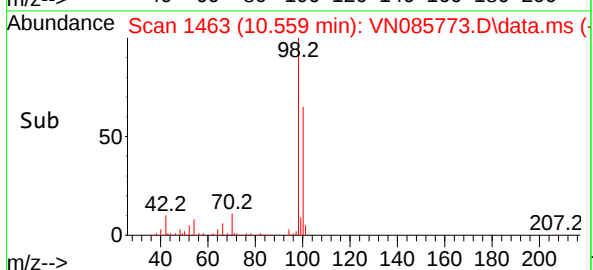
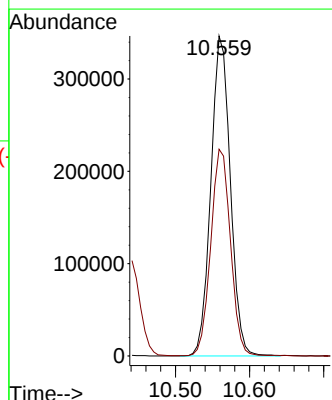
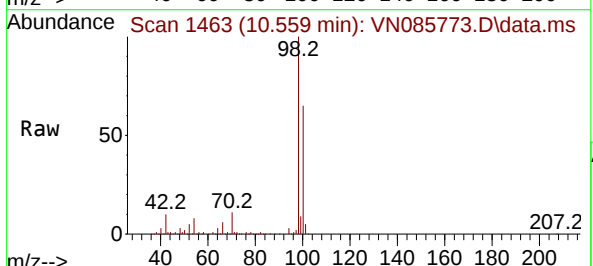
Acq: 18 Feb 2025 11:32

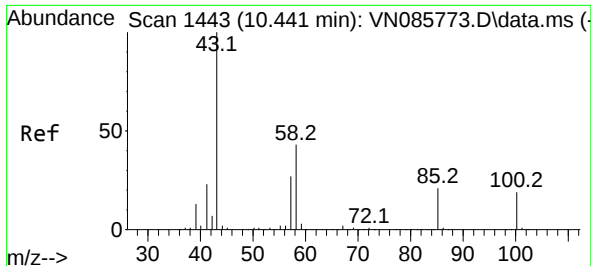
Tgt Ion: 98 Resp: 632021

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 257.731 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

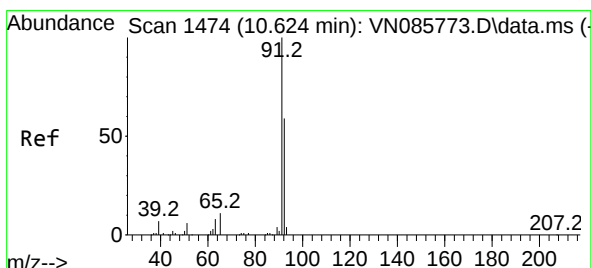
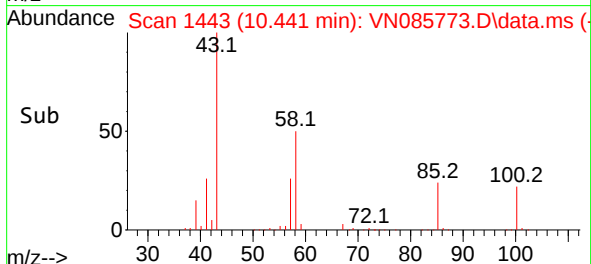
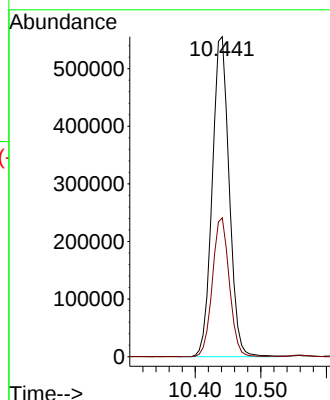
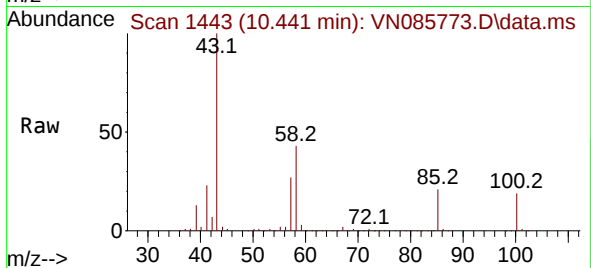
ClientSampleId :

Tgt Ion: 43 Resp: 997906

Ion Ratio Lower Upper

43 100

58 43.3 34.6 52.0



#52

Toluene

Concen: 51.816 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VN085773.D

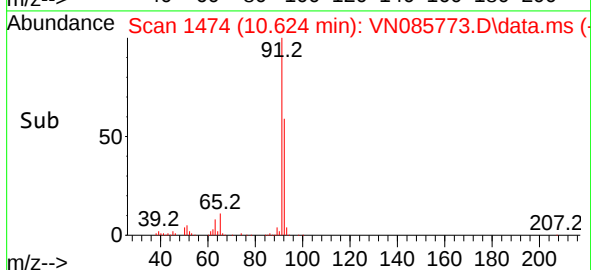
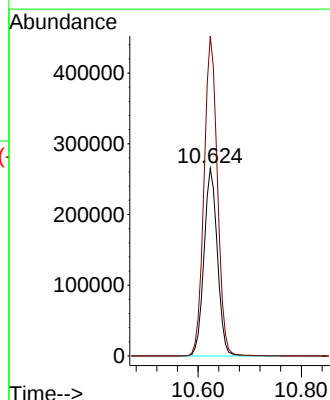
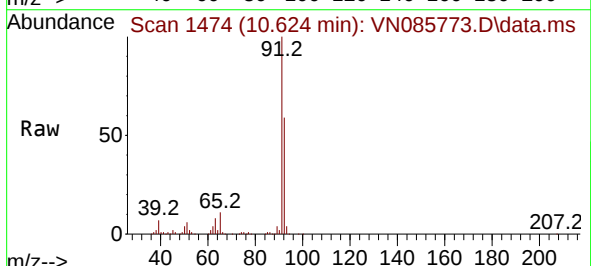
Acq: 18 Feb 2025 11:32

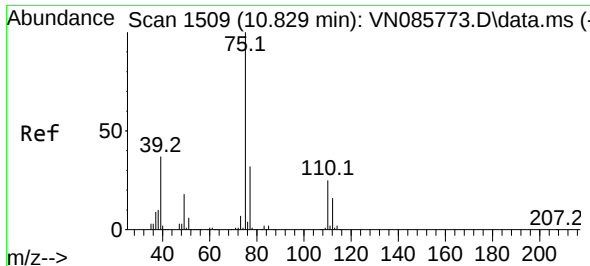
Tgt Ion: 92 Resp: 475069

Ion Ratio Lower Upper

92 100

91 171.1 136.9 205.3

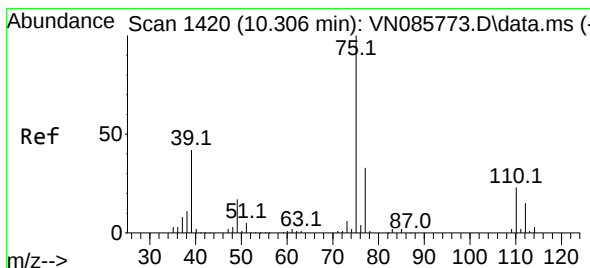
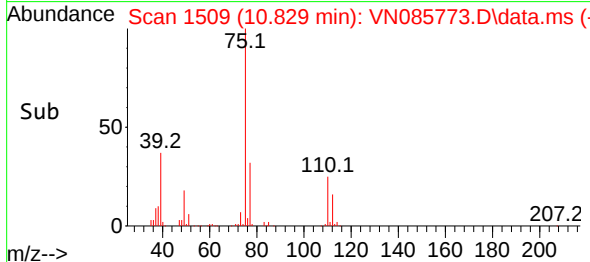
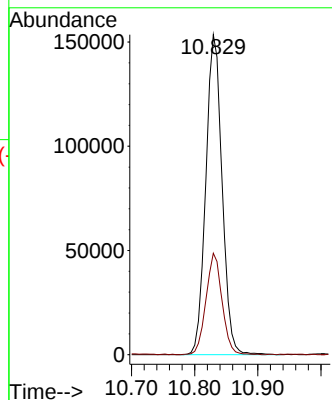
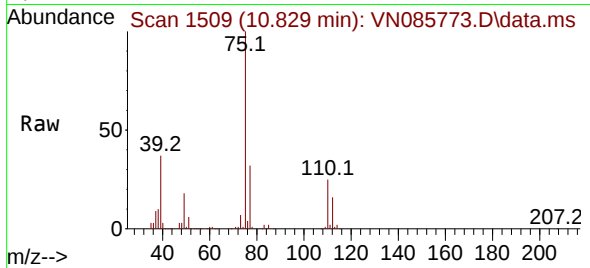




#53
 t-1,3-Dichloropropene
 Concen: 52.159 ug/l
 RT: 10.829 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

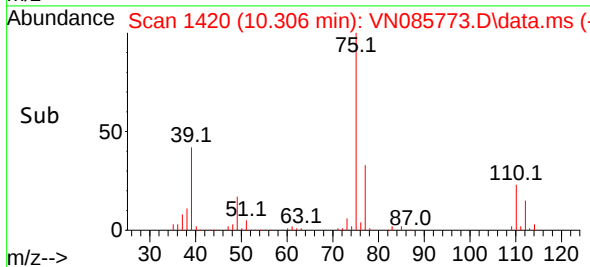
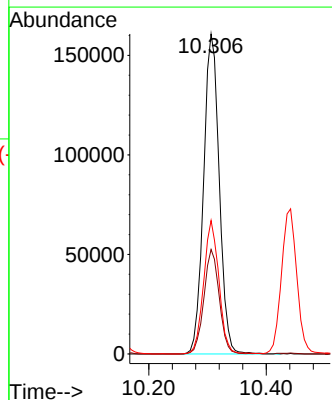
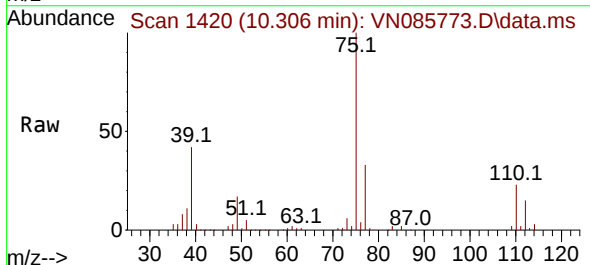
Instrument :
 MSVOA_N
 ClientSampleId :

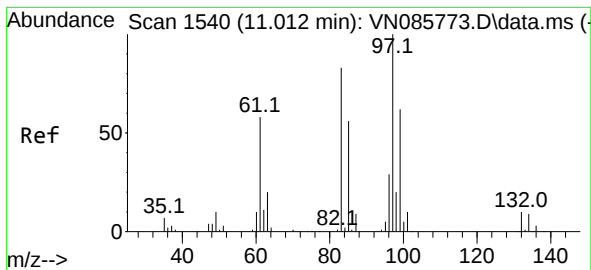
Tgt Ion: 75 Resp: 274791
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.646 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN085773.D
 Acq: 18 Feb 2025 11:32

Tgt Ion: 75 Resp: 298359
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.1 39.1
 39 41.7 33.4 50.0

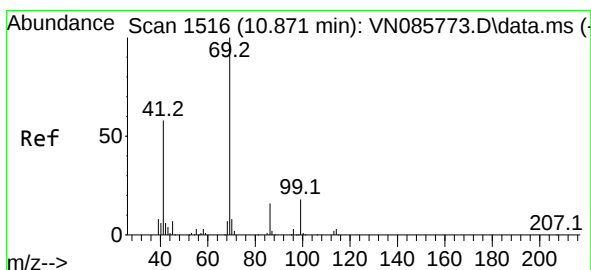
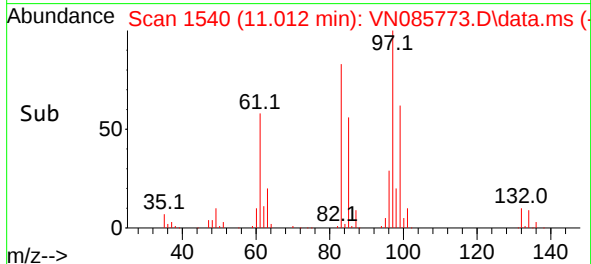
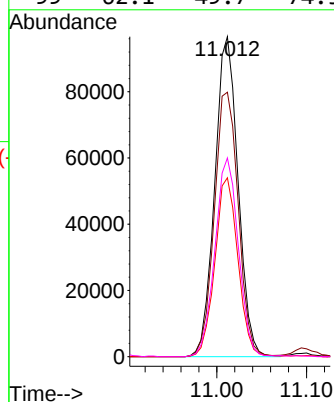
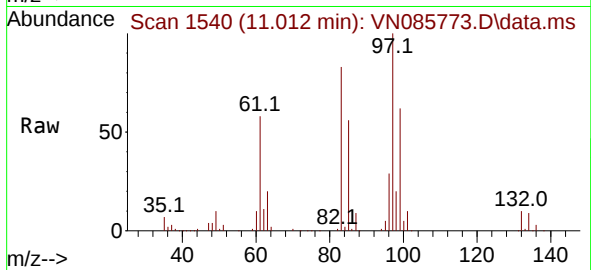




#55
1,1,2-Trichloroethane
Concen: 47.788 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

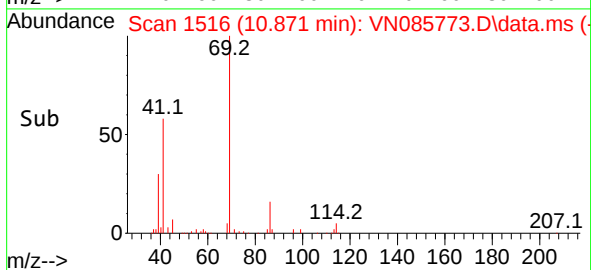
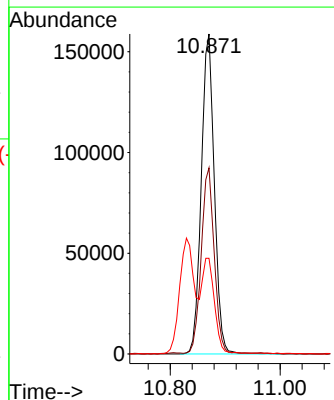
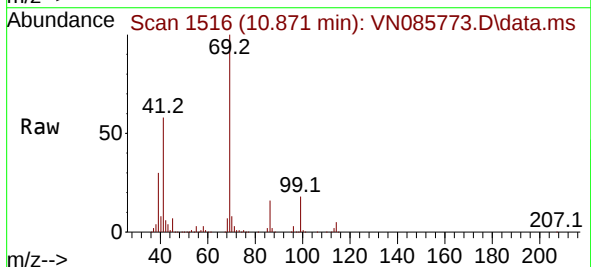
Instrument :
MSVOA_N
ClientSampleId :

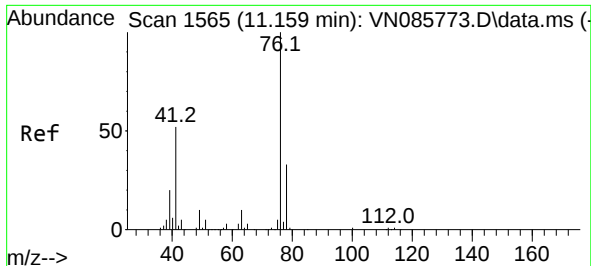
Tgt Ion:	97	Resp:	174198
Ion	Ratio	Lower	Upper
97	100		
83	82.6	66.1	99.1
85	55.9	44.7	67.1
99	62.1	49.7	74.5



#56
Ethyl methacrylate
Concen: 49.960 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion:	69	Resp:	261825
Ion	Ratio	Lower	Upper
69	100		
41	57.5	46.0	69.0
39	27.5	22.0	33.0





#57

1,3-Dichloropropane

Concen: 48.920 ug/l

RT: 11.159 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

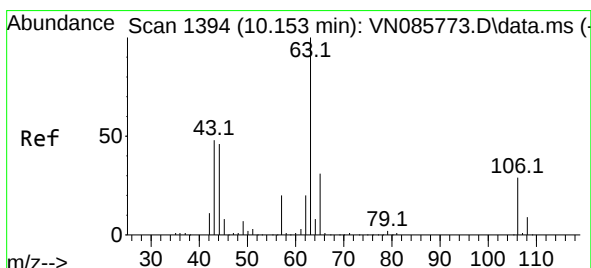
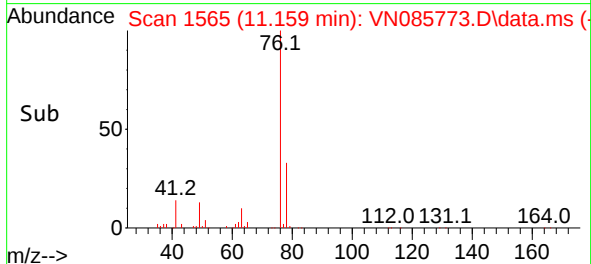
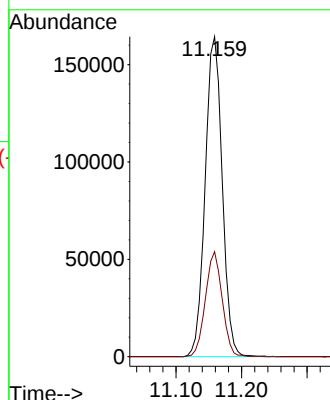
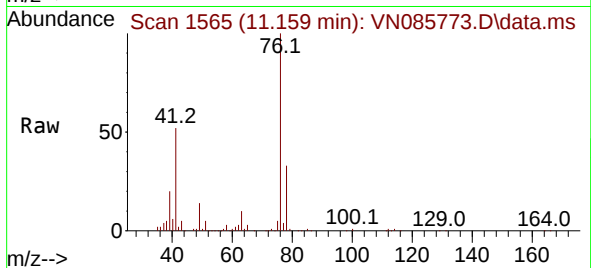
ClientSampleId :

Tgt Ion: 76 Resp: 297683

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 230.774 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VN085773.D

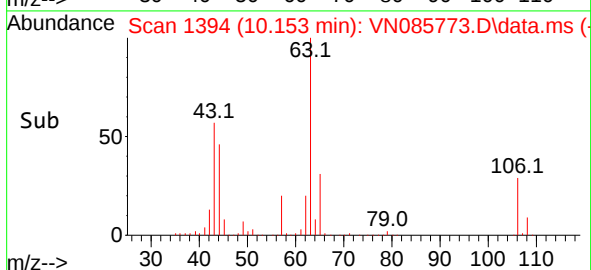
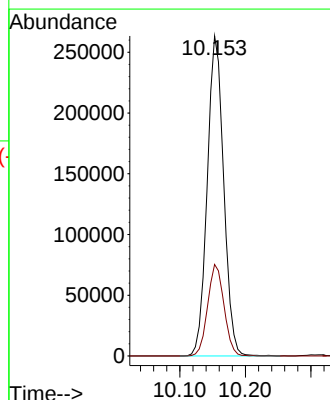
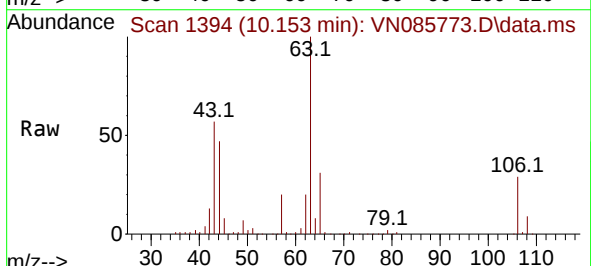
Acq: 18 Feb 2025 11:32

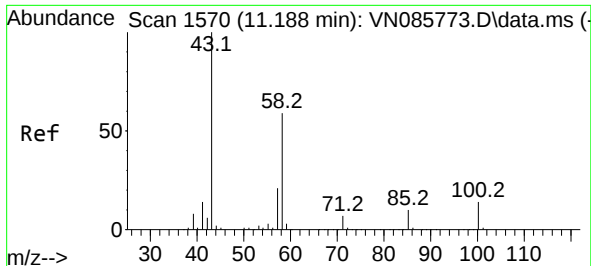
Tgt Ion: 63 Resp: 458983

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1

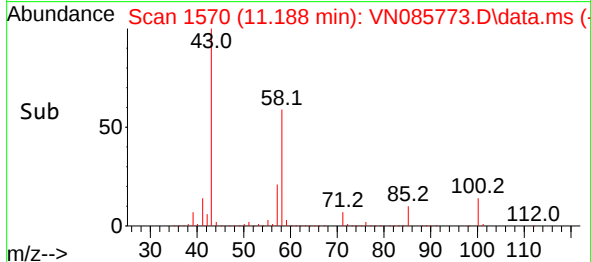
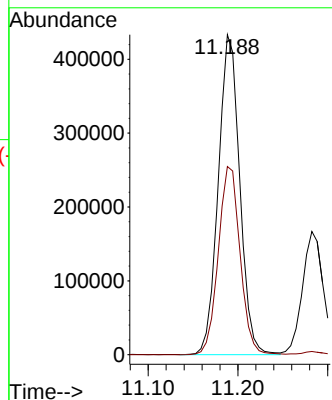
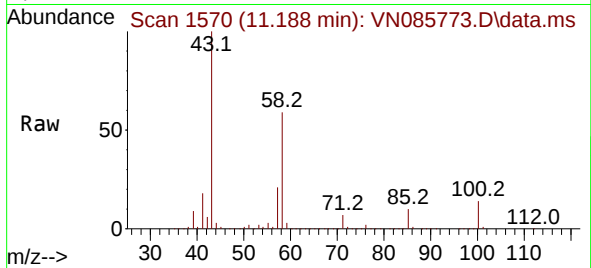




#59
2-Hexanone
Concen: 270.257 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

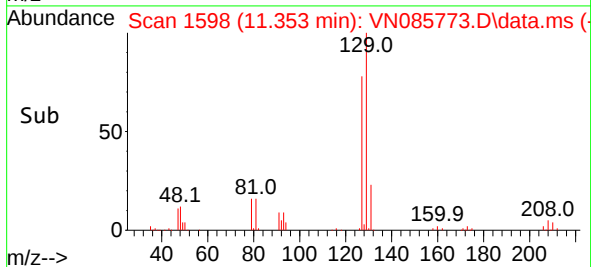
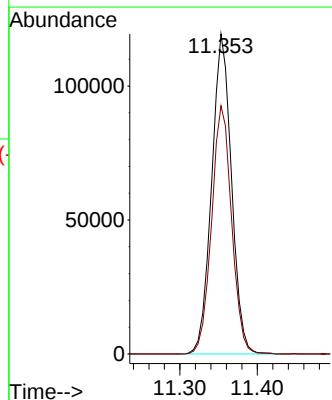
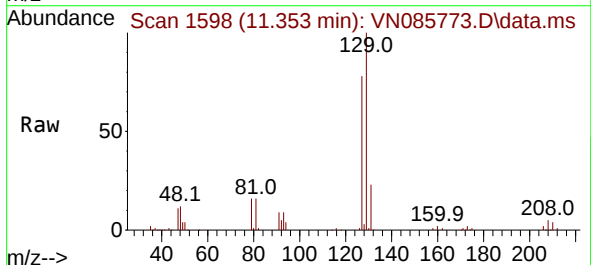
Instrument :
MSVOA_N
ClientSampleId :

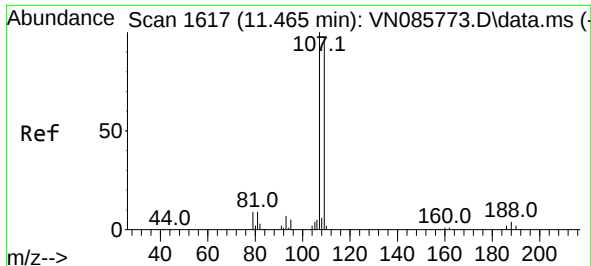
Tgt Ion: 43 Resp: 719870
Ion Ratio Lower Upper
43 100
58 59.7 29.8 89.5



#60
Dibromochloromethane
Concen: 49.890 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion:129 Resp: 211769
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.5

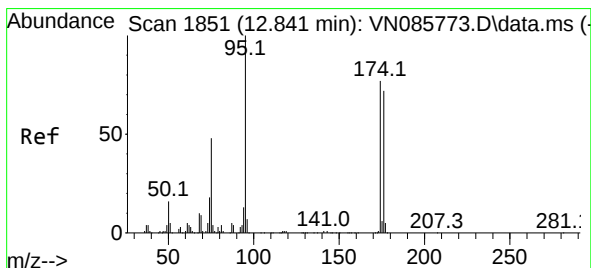
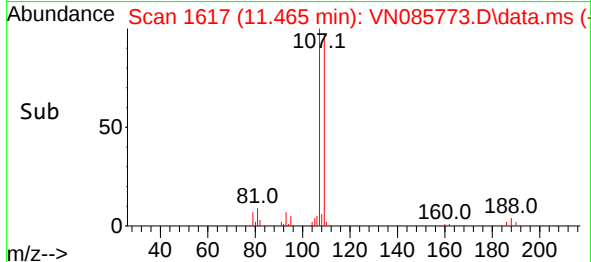
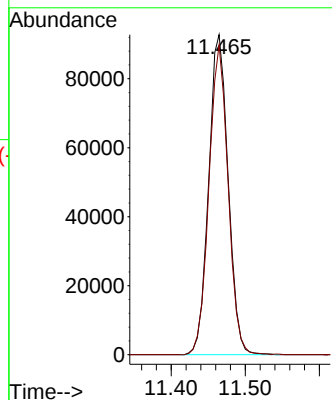
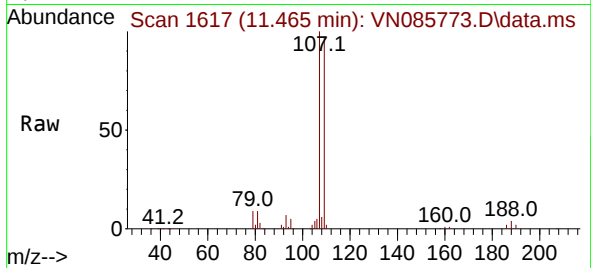




#61
1,2-Dibromoethane
Concen: 49.191 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

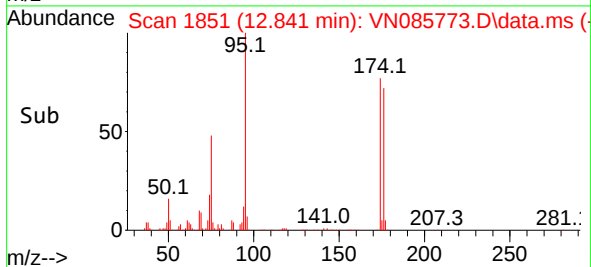
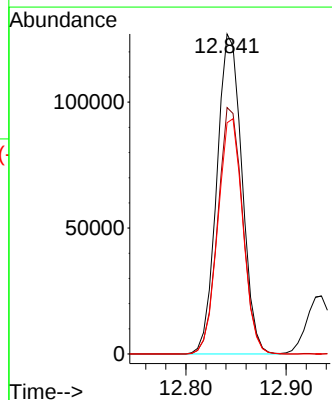
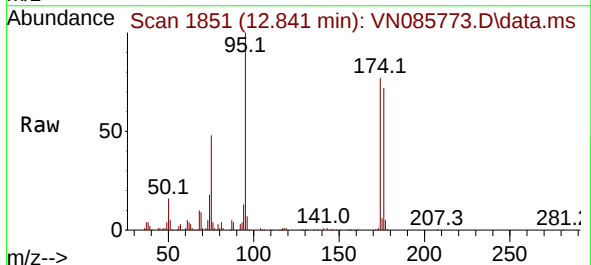
Instrument :
MSVOA_N
ClientSampleId :

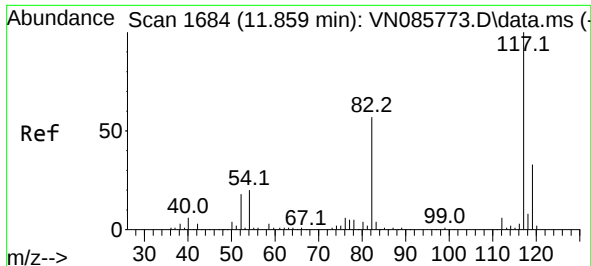
Tgt Ion:107 Resp: 169422
Ion Ratio Lower Upper
107 100
109 95.0 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 53.393 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 95 Resp: 220691
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.4
176 73.3 0.0 146.6

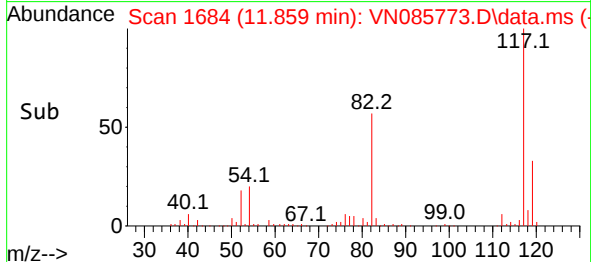
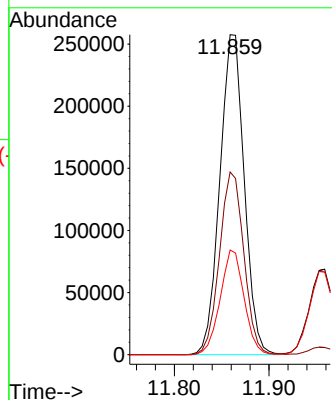
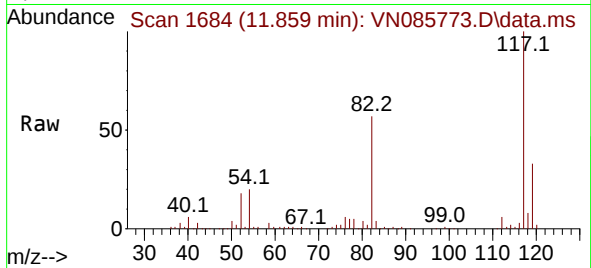




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

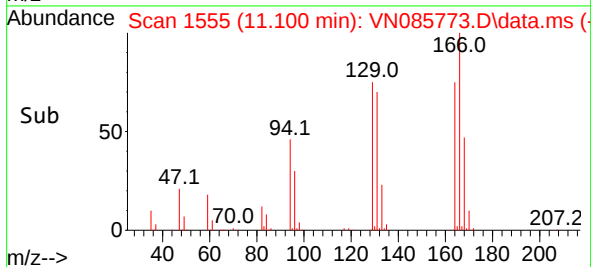
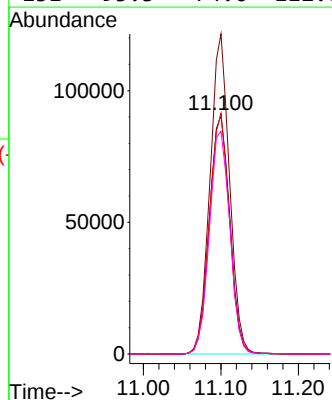
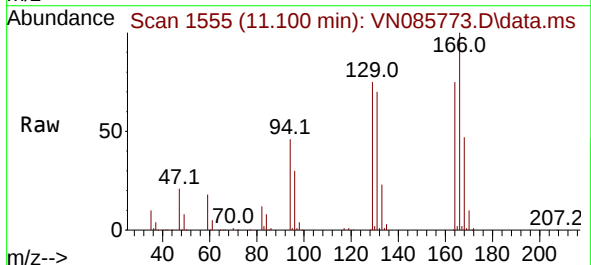
Instrument :
MSVOA_N
ClientSampleId :

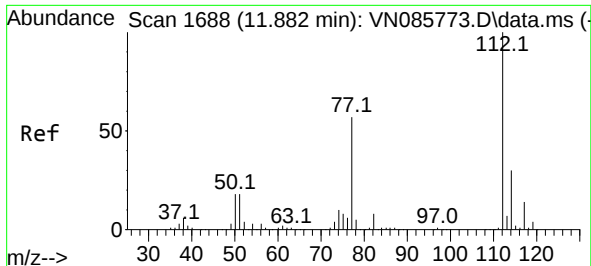
Tgt Ion:117 Resp: 461653
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 32.7 26.2 39.2



#64
Tetrachloroethene
Concen: 46.613 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion:164 Resp: 166710
Ion Ratio Lower Upper
164 100
166 134.0 107.2 160.8
129 100.9 80.7 121.1
131 93.3 74.6 112.0

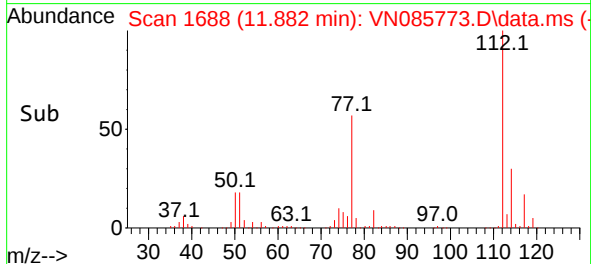
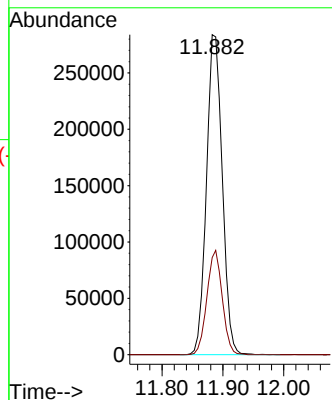
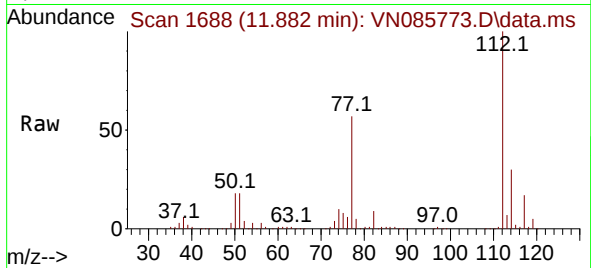




#65
Chlorobenzene
Concen: 48.454 ug/l
RT: 11.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

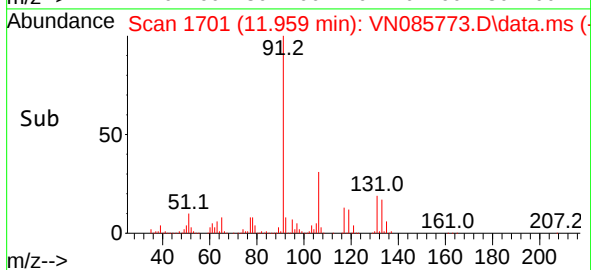
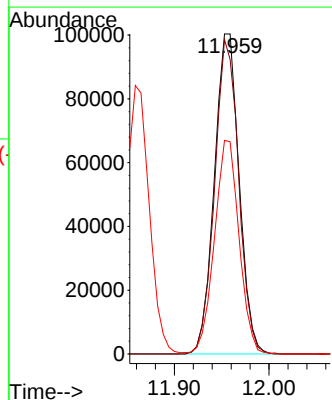
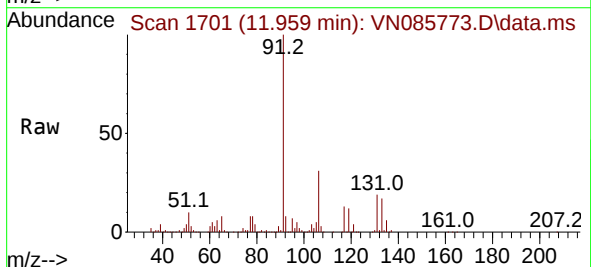
Instrument :
MSVOA_N
ClientSampleId :

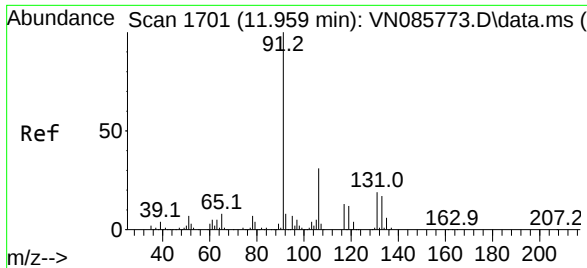
Tgt Ion:112 Resp: 512436
Ion Ratio Lower Upper
112 100
114 30.4 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.020 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion:131 Resp: 182537
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 66.5 33.3 99.8

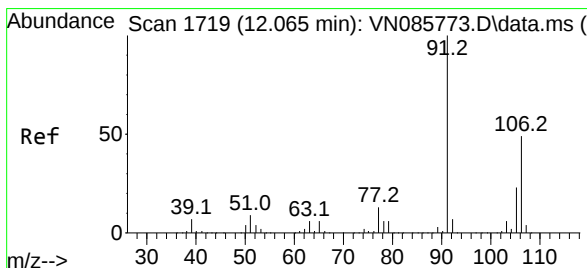
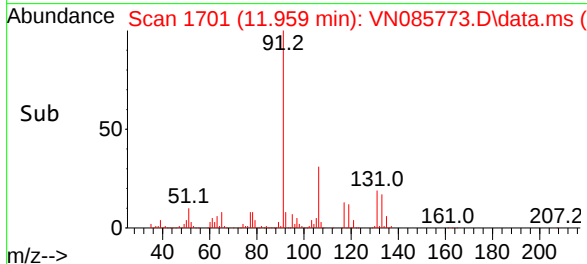
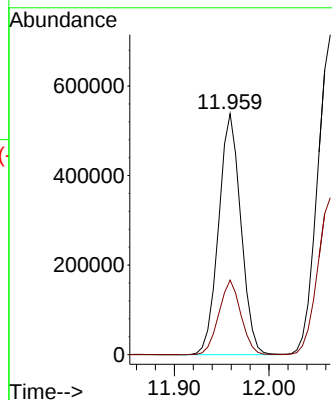
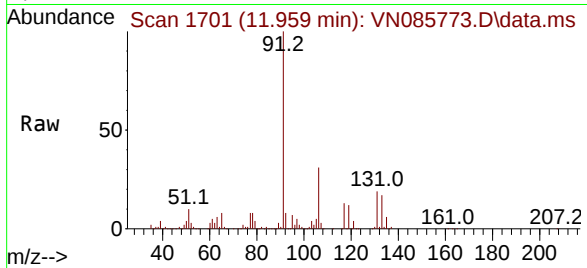




#67
Ethyl Benzene
Concen: 53.062 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

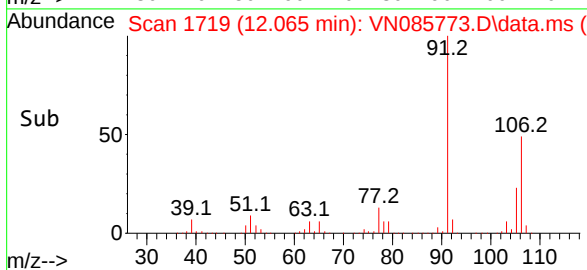
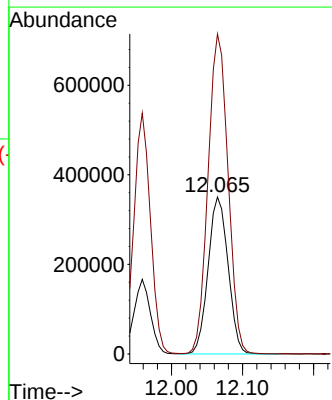
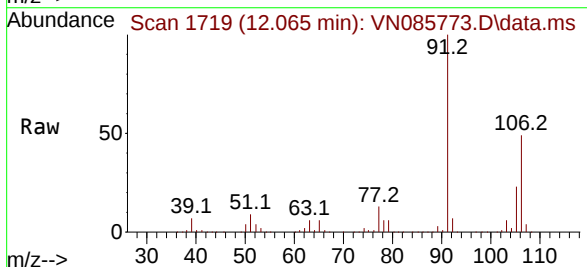
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 879040
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1



#68
m/p-Xylenes
Concen: 108.757 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion:106 Resp: 684377
Ion Ratio Lower Upper
106 100
91 204.1 163.3 244.9





#69

o-Xylene

Concen: 54.342 ug/l

RT: 12.394 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

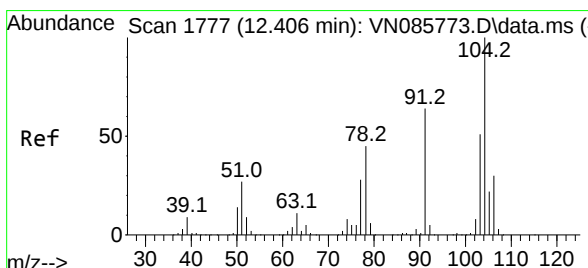
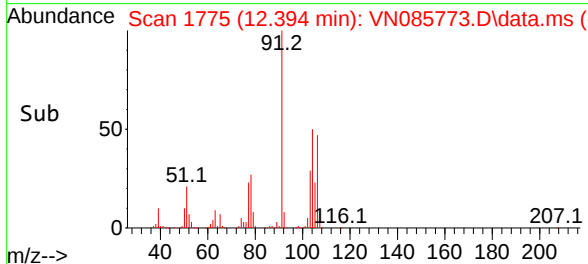
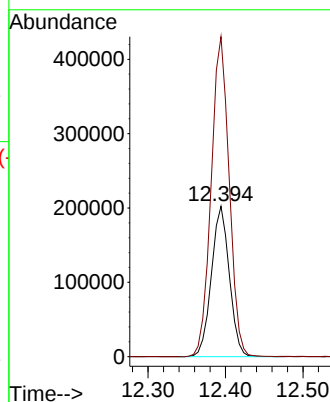
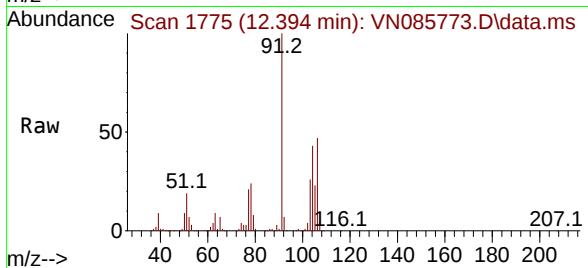
ClientSampleId :

Tgt Ion:106 Resp: 324948

Ion Ratio Lower Upper

106 100

91 214.3 107.1 321.4



#70

Styrene

Concen: 49.909 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

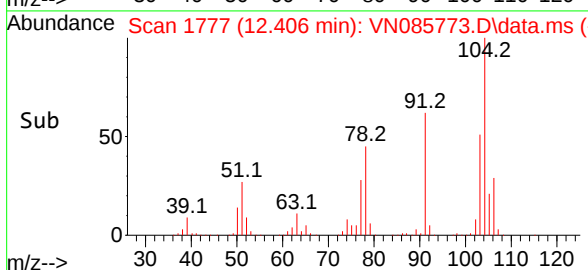
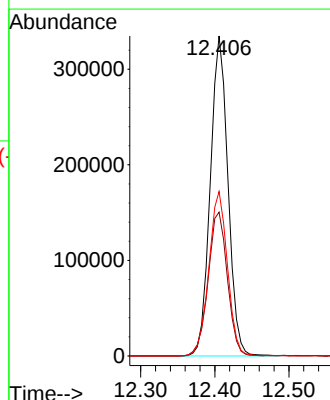
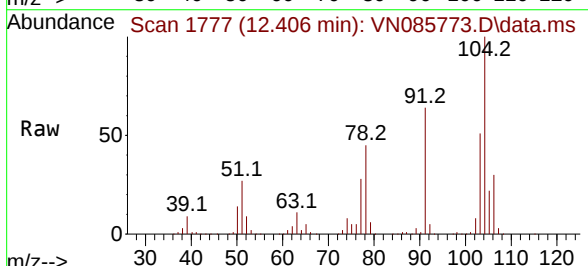
Tgt Ion:104 Resp: 555269

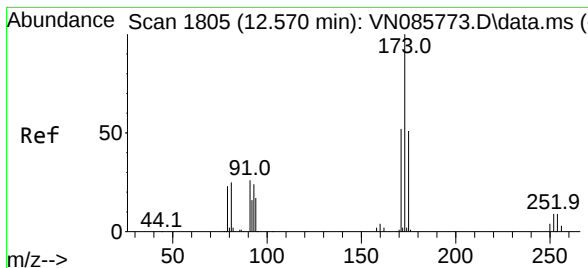
Ion Ratio Lower Upper

104 100

78 48.8 39.0 58.6

103 54.1 43.3 64.9





#71

Bromoform

Concen: 49.528 ug/l

RT: 12.570 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

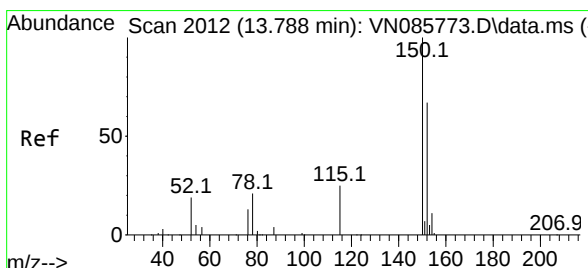
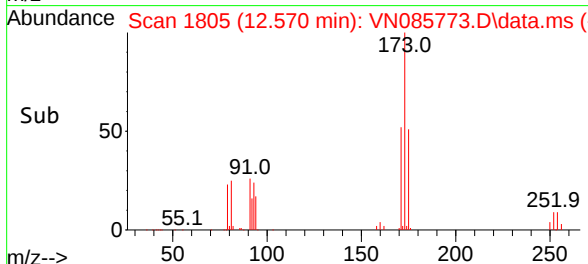
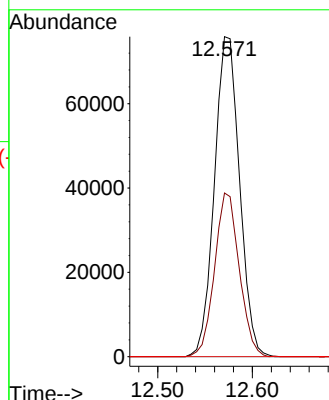
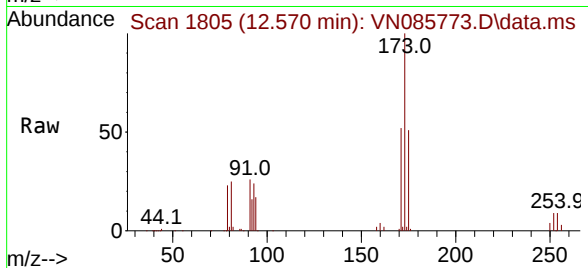
Tgt Ion:173 Resp: 139895

Ion Ratio Lower Upper

173 100

175 50.3 25.1 75.4

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: VN085773.D

Acq: 18 Feb 2025 11:32

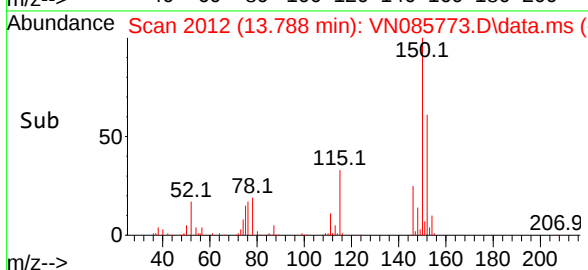
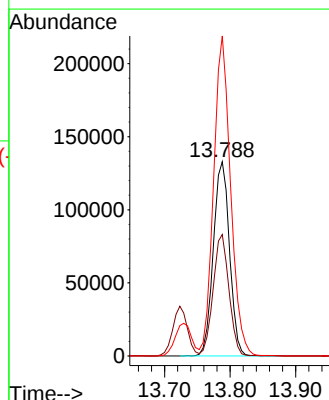
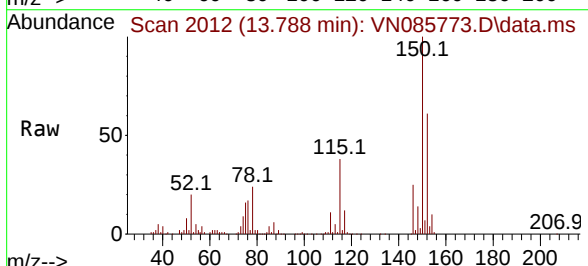
Tgt Ion:152 Resp: 227499

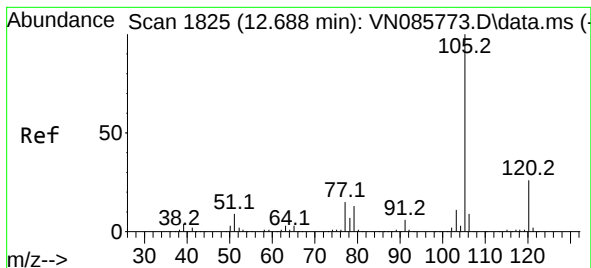
Ion Ratio Lower Upper

152 100

115 60.9 30.4 91.3

150 172.7 0.0 345.4





#73

Isopropylbenzene

Concen: 52.482 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

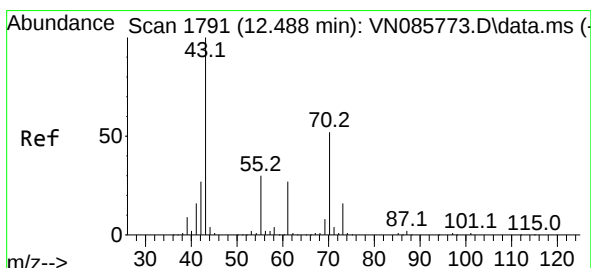
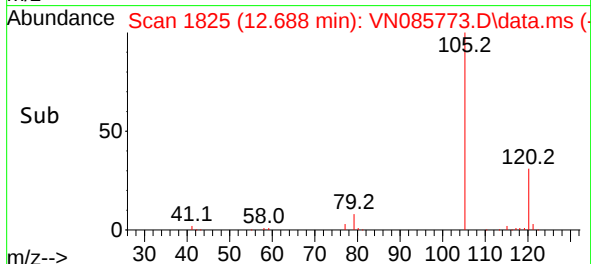
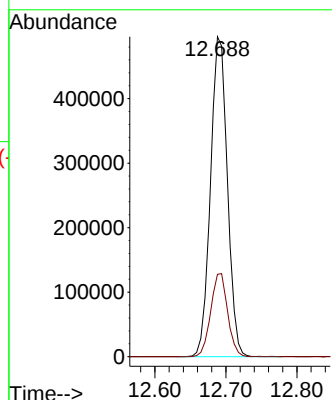
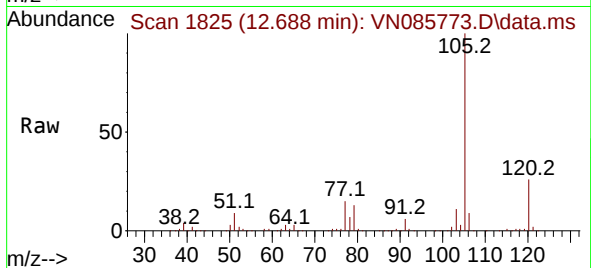
ClientSampleId :

Tgt Ion:105 Resp: 817980

Ion Ratio Lower Upper

105 100

120 26.0 13.0 39.0



#74

N-ethyl acetate

Concen: 51.360 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Tgt Ion: 43 Resp: 282288

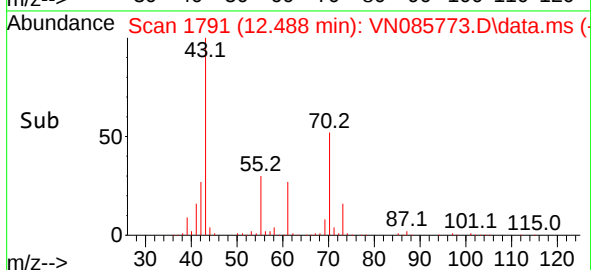
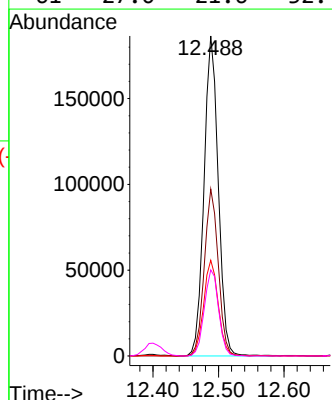
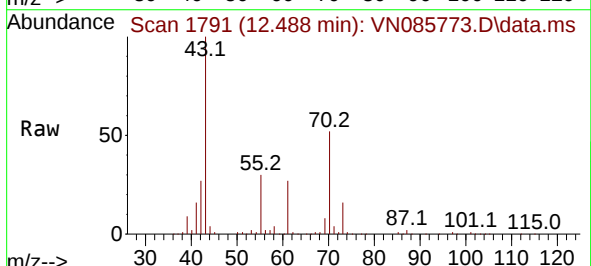
Ion Ratio Lower Upper

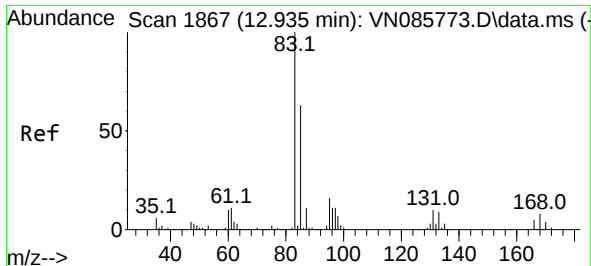
43 100

70 51.2 41.0 61.4

55 30.7 24.6 36.8

61 27.0 21.6 32.4

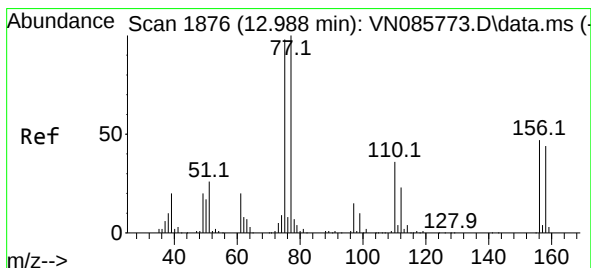
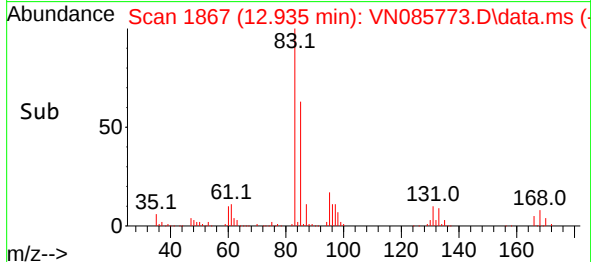
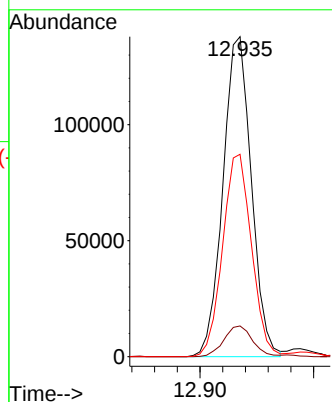
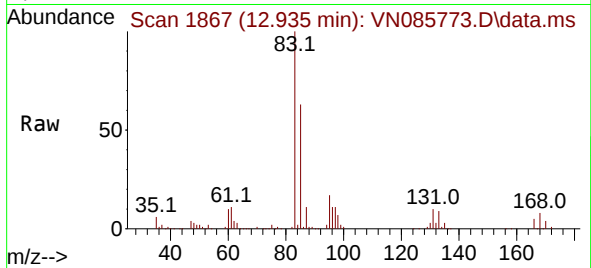




#75
1,1,2,2-Tetrachloroethane
Concen: 44.649 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

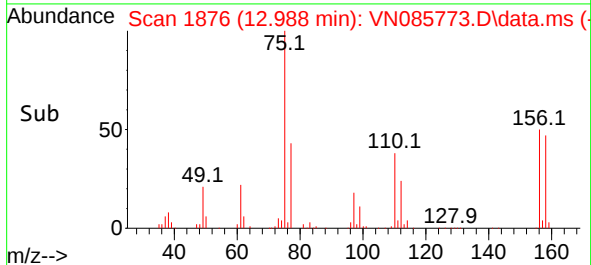
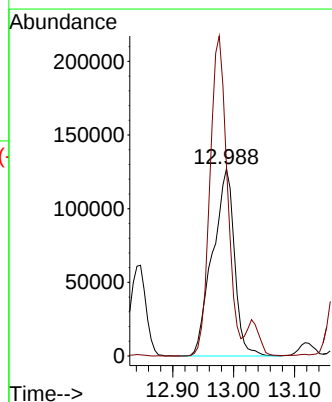
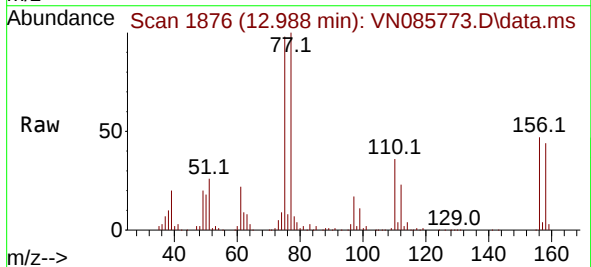
Instrument :
MSVOA_N
ClientSampleId :

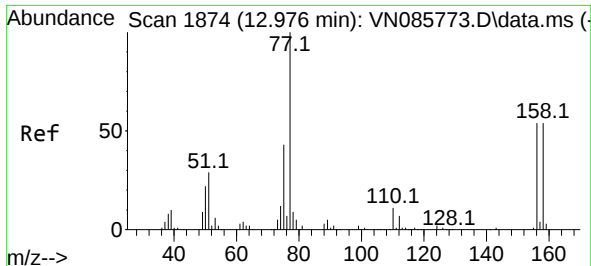
Tgt Ion: 83 Resp: 239463
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 63.394 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 75 Resp: 316841
Ion Ratio Lower Upper
75 100
77 135.2 100.0 300.0

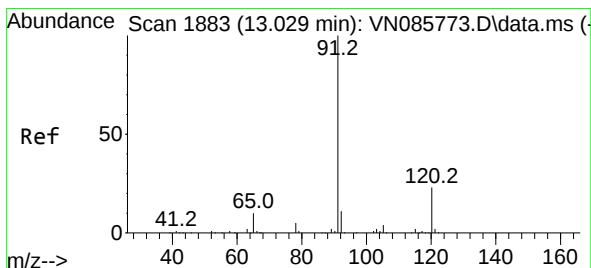
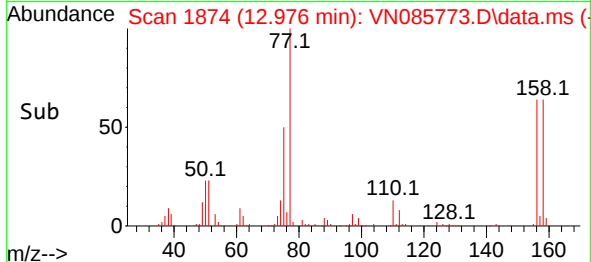
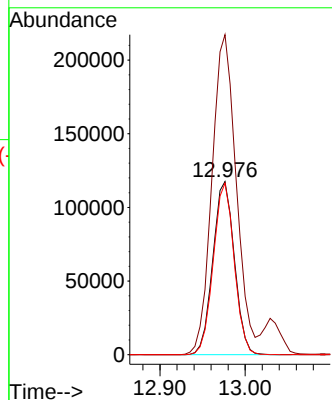
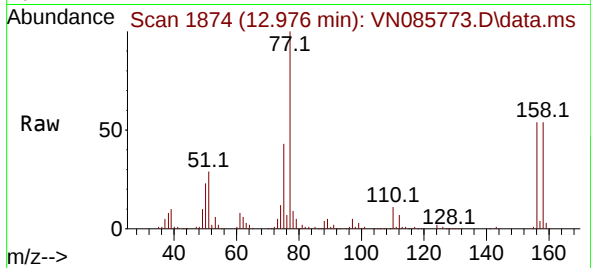




#77
Bromobenzene
Concen: 48.863 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

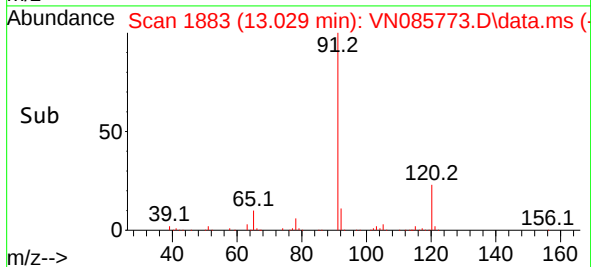
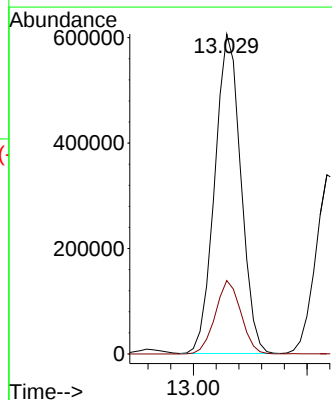
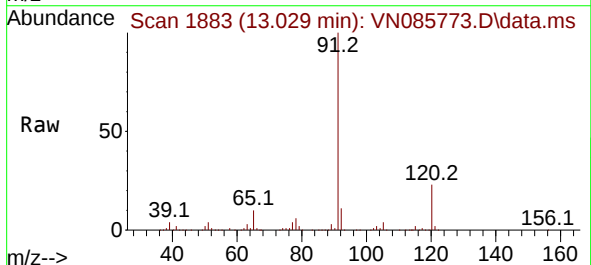
Instrument :
MSVOA_N
ClientSampleId :

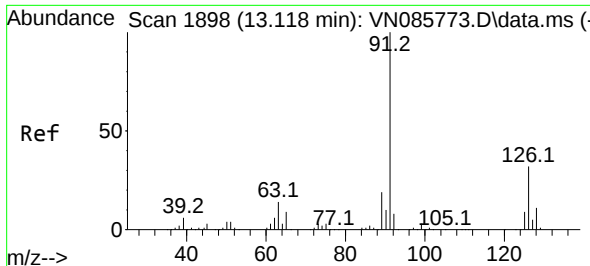
Tgt Ion:156 Resp: 205754
Ion Ratio Lower Upper
156 100
77 208.2 104.1 312.3
158 96.3 48.1 144.4



#78
n-propylbenzene
Concen: 54.241 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 91 Resp: 968182
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8

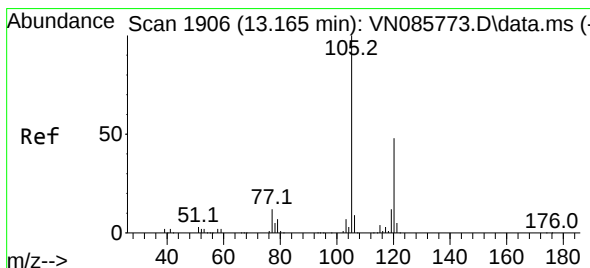
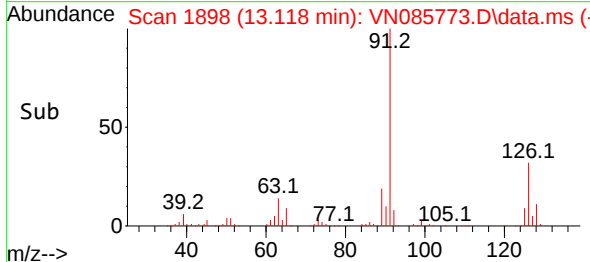
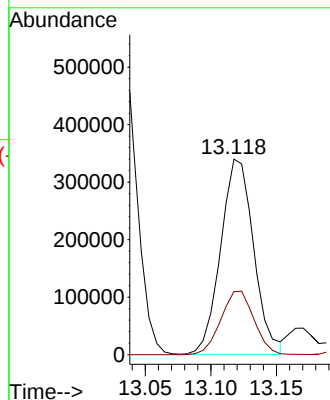
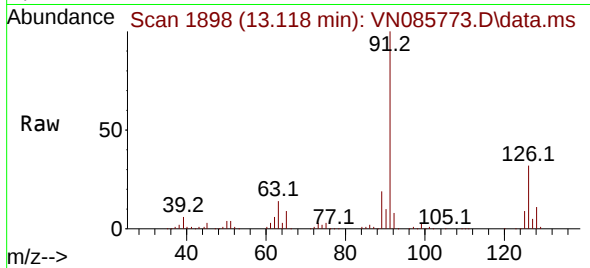




#79
2-Chlorotoluene
Concen: 49.895 ug/l
RT: 13.118 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

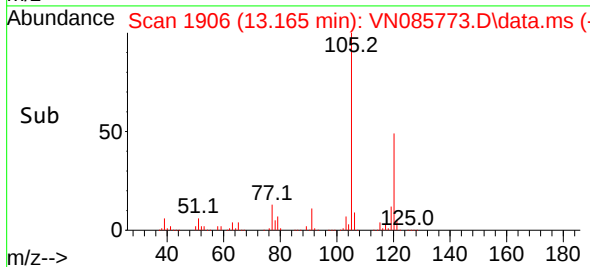
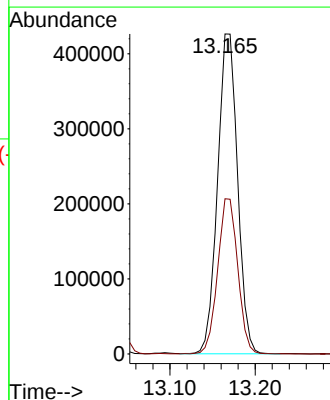
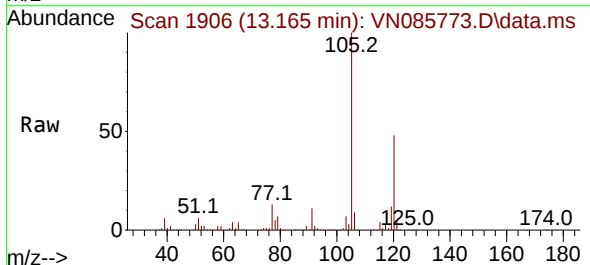
Instrument :
MSVOA_N
ClientSampleId :

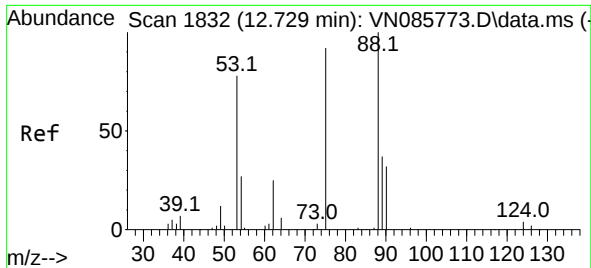
Tgt Ion: 91 Resp: 595046
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 54.757 ug/l
RT: 13.165 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 105 Resp: 695205
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9

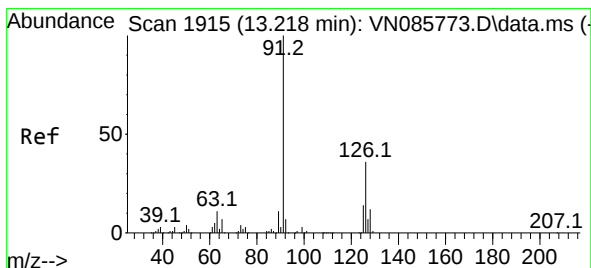
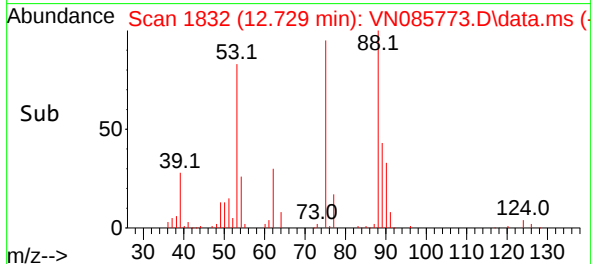
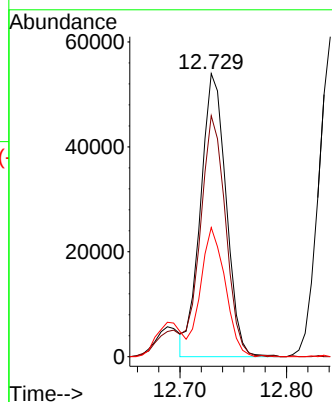
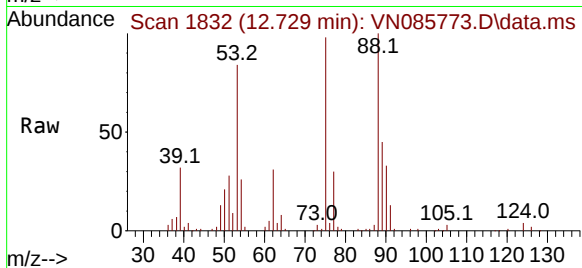




#81
trans-1,4-Dichloro-2-butene
Concen: 52.111 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

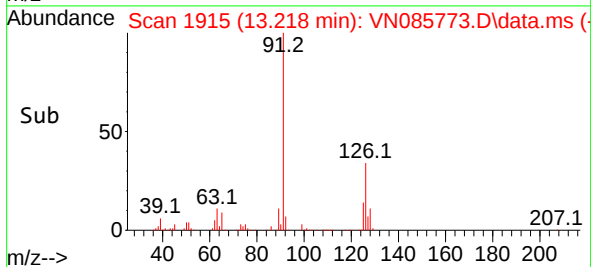
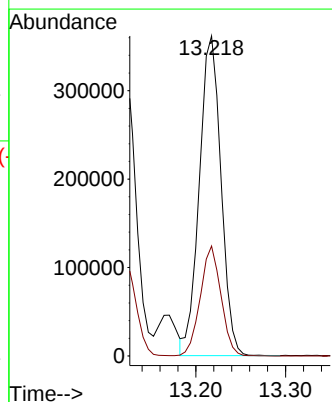
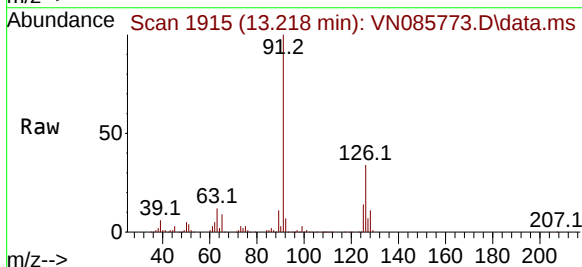
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 90255
Ion Ratio Lower Upper
75 100
53 92.8 74.2 111.4
89 43.6 34.9 52.3



#82
4-Chlorotoluene
Concen: 51.139 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 91 Resp: 604612
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4





#83

tert-Butylbenzene

Concen: 54.933 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

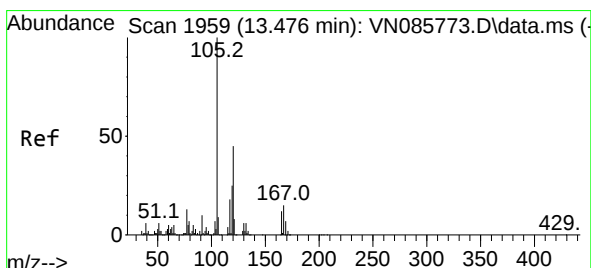
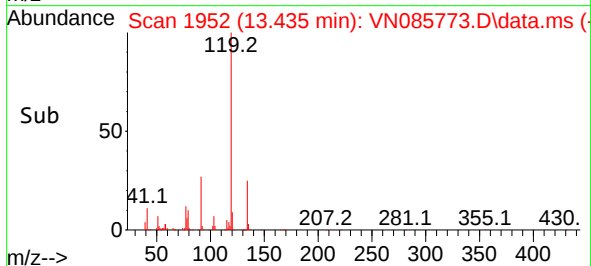
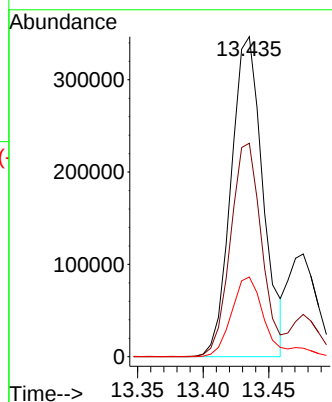
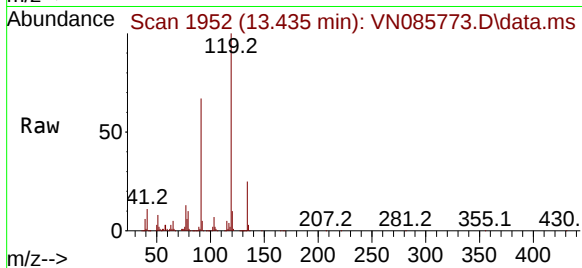
Tgt Ion:119 Resp: 586493

Ion Ratio Lower Upper

119 100

91 65.0 32.5 97.5

134 26.6 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 55.748 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN085773.D

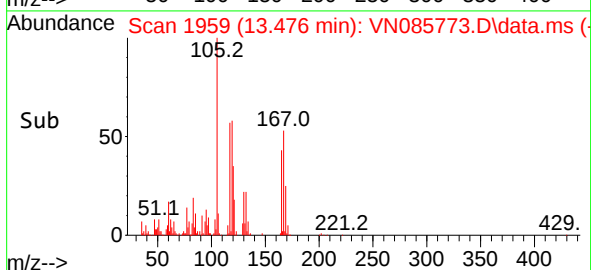
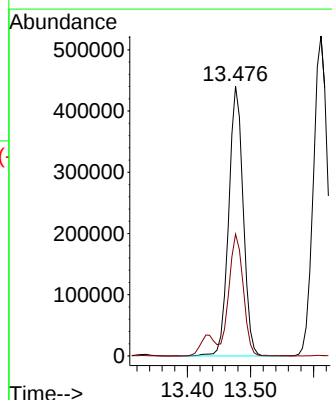
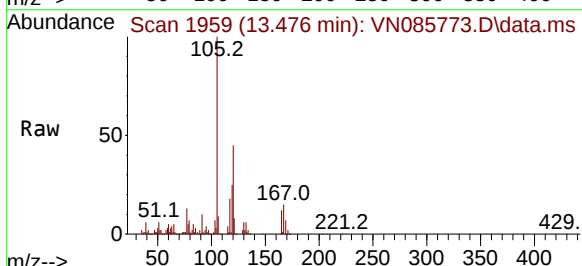
Acq: 18 Feb 2025 11:32

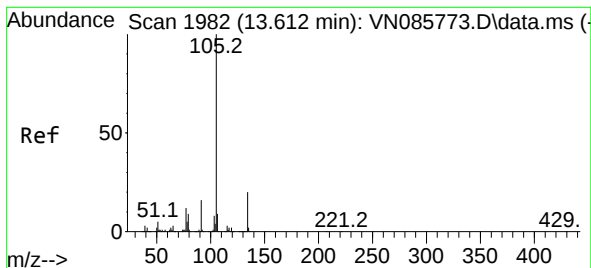
Tgt Ion:105 Resp: 700260

Ion Ratio Lower Upper

105 100

120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 55.099 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

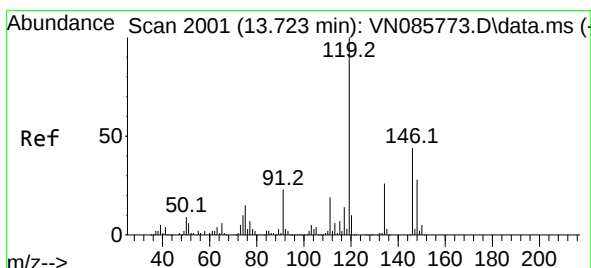
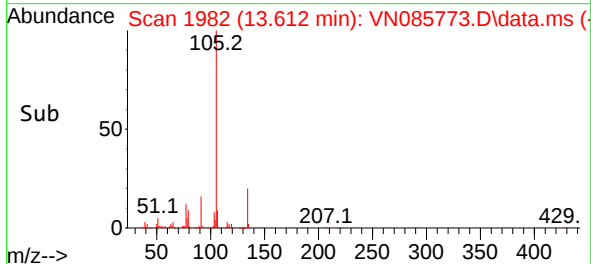
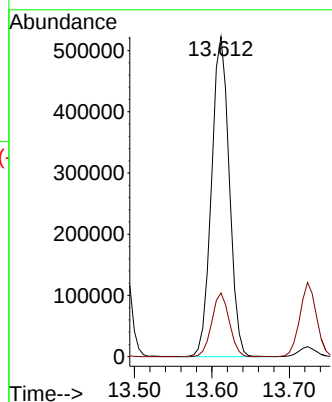
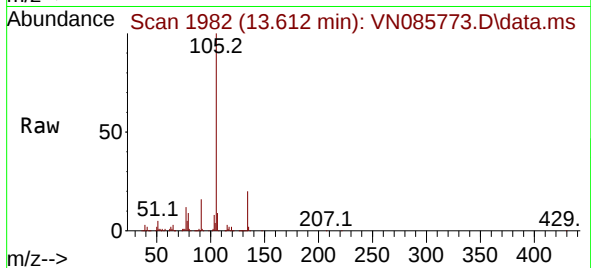
ClientSampleId :

Tgt Ion:105 Resp: 831143

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.4



#86

p-Isopropyltoluene

Concen: 50.103 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

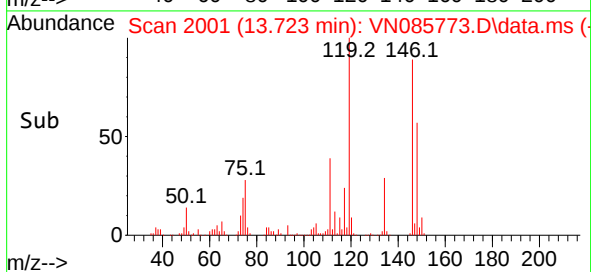
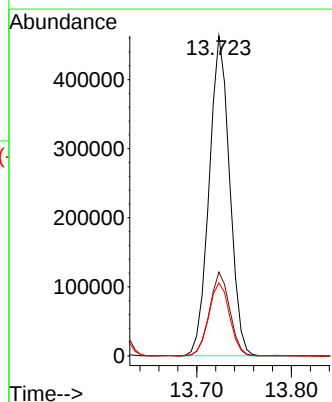
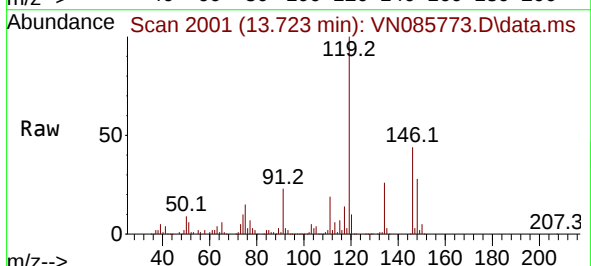
Tgt Ion:119 Resp: 692641

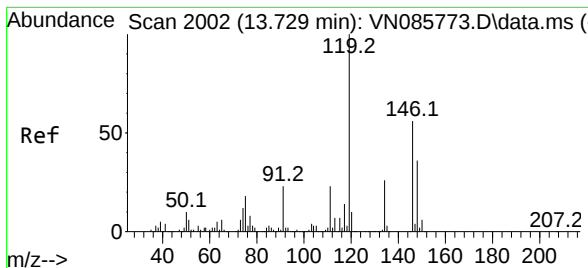
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 23.4 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 47.154 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :

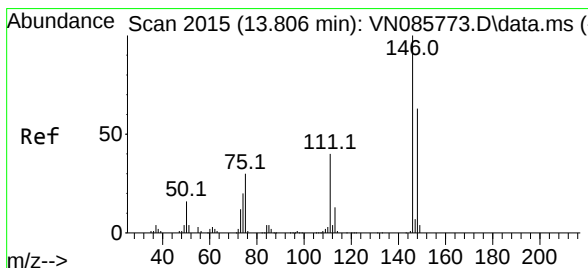
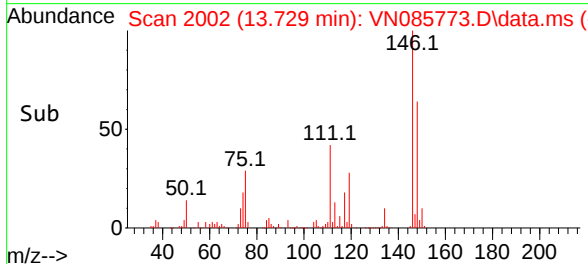
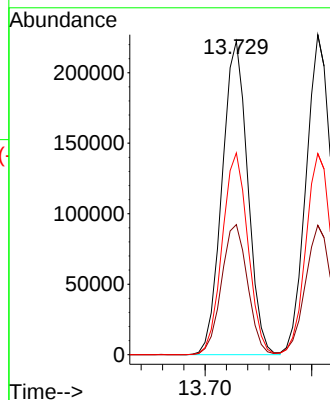
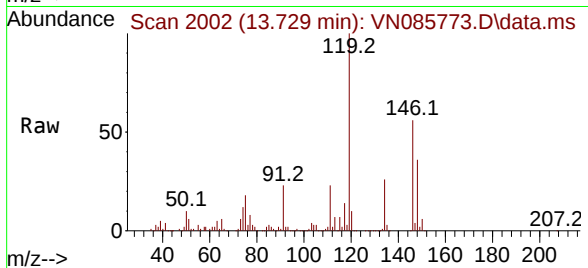
Tgt Ion:146 Resp: 372004

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.3

148 64.3 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 46.340 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

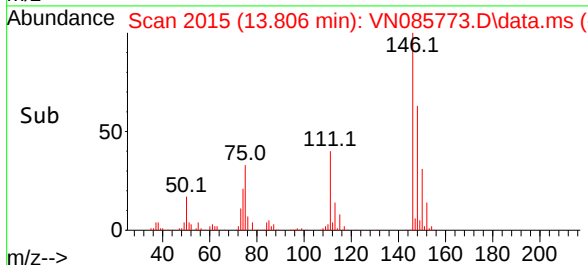
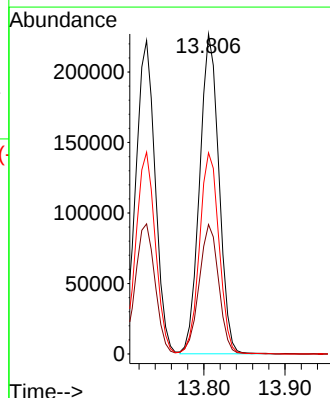
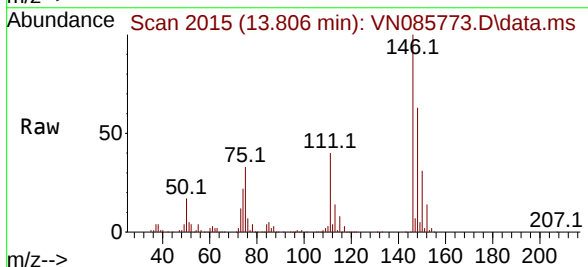
Tgt Ion:146 Resp: 374700

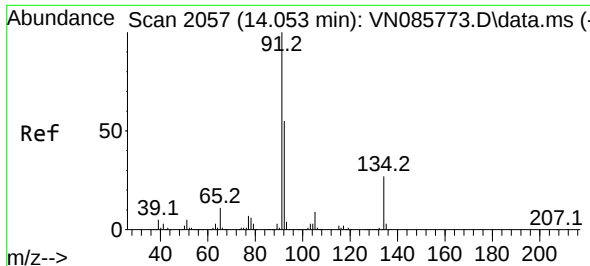
Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.3

148 63.6 31.8 95.4

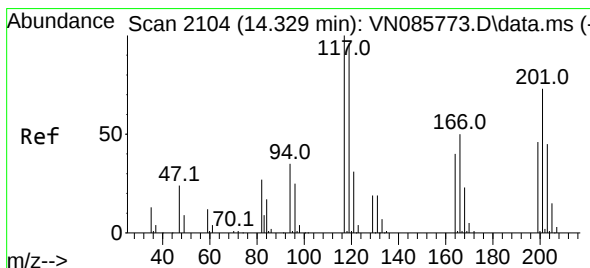
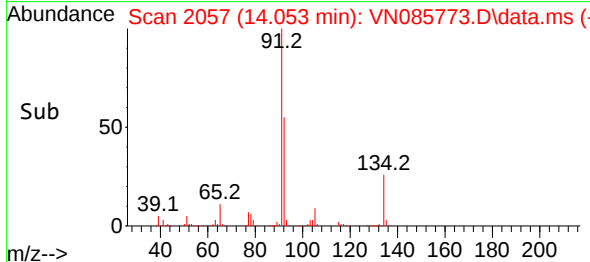
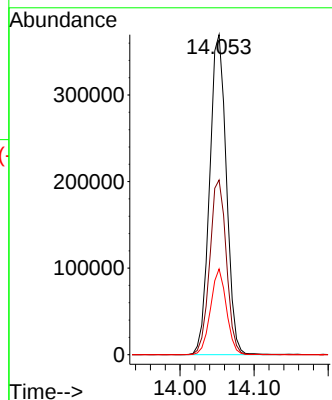
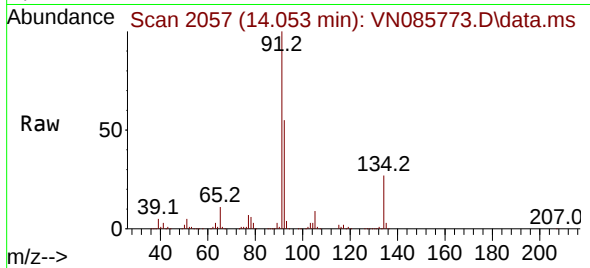




#89
n-Butylbenzene
Concen: 54.197 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

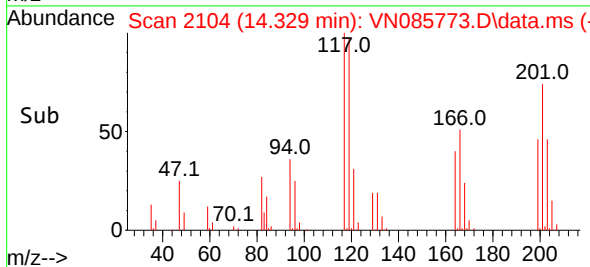
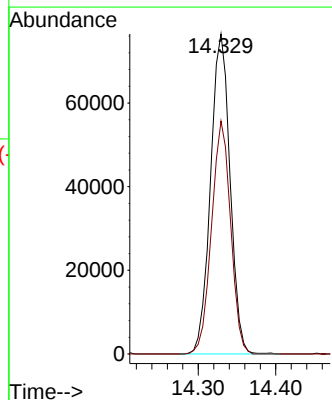
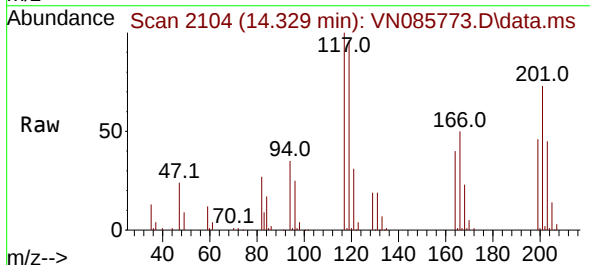
Instrument :
MSVOA_N
ClientSampleId :

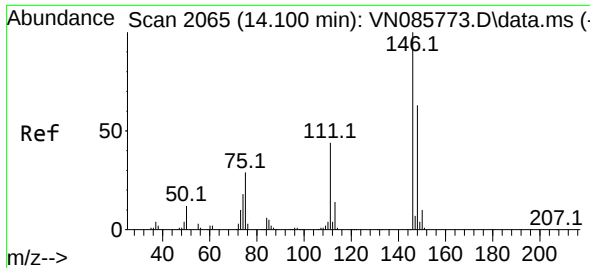
Tgt Ion: 91 Resp: 580445
Ion Ratio Lower Upper
91 100
92 54.2 27.1 81.3
134 25.4 12.7 38.1



#90
Hexachloroethane
Concen: 46.708 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 117 Resp: 133438
Ion Ratio Lower Upper
117 100
201 71.3 35.6 106.9

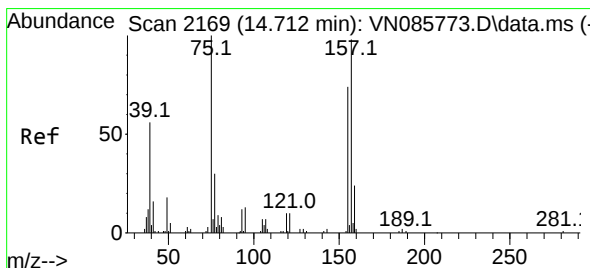
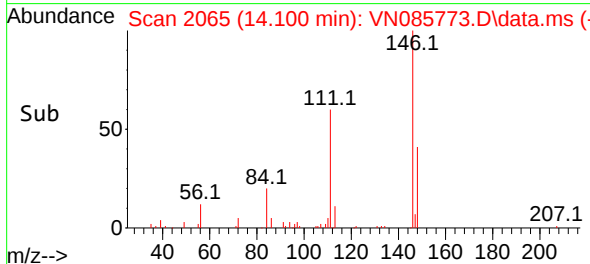
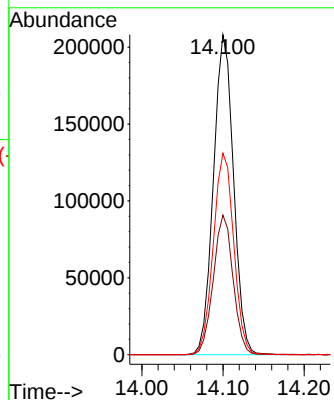
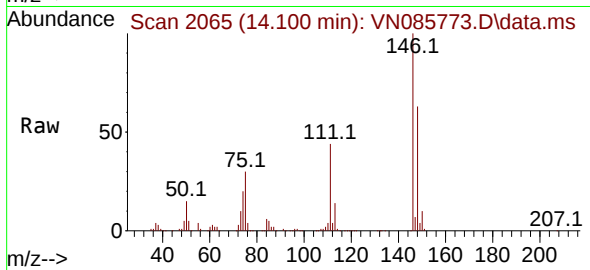




#91
1,2-Dichlorobenzene
Concen: 47.211 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

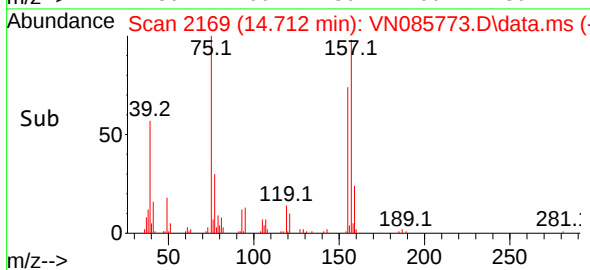
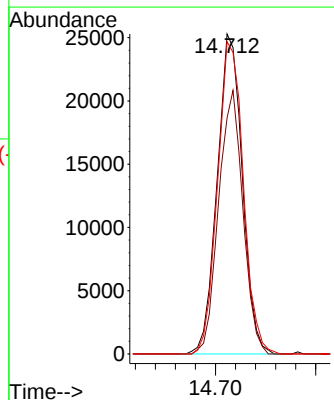
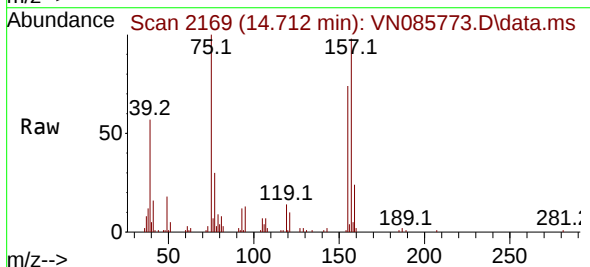
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 358159
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.3
148 64.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.611 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion: 75 Resp: 43935
Ion Ratio Lower Upper
75 100
155 79.7 39.9 119.6
157 99.8 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 50.473 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

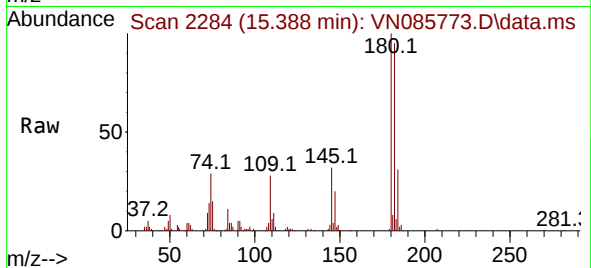
Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

Instrument :

MSVOA_N

ClientSampleId :



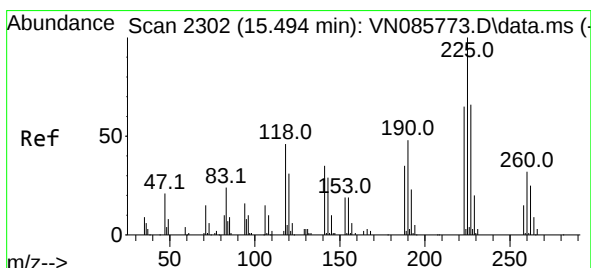
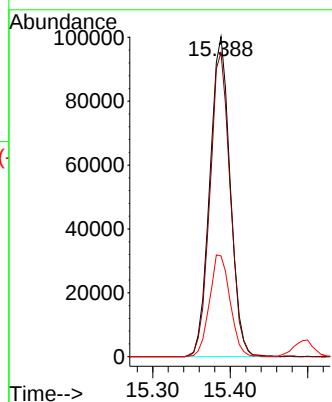
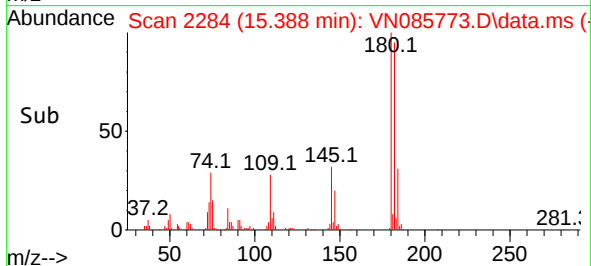
Tgt Ion:180 Resp: 182458

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 32.3 16.2 48.5



#94

Hexachlorobutadiene

Concen: 43.899 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN085773.D

Acq: 18 Feb 2025 11:32

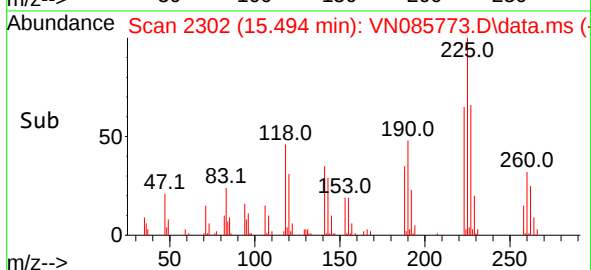
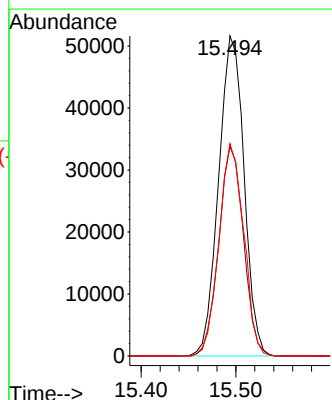
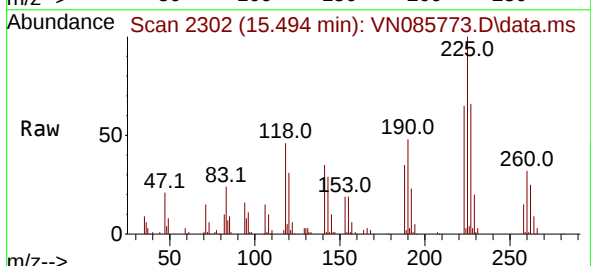
Tgt Ion:225 Resp: 96444

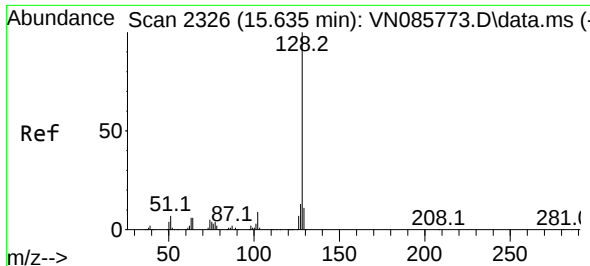
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.5

227 64.4 32.2 96.6

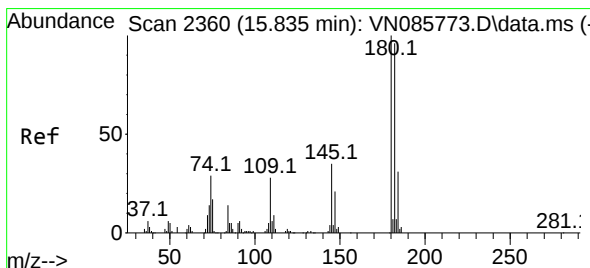
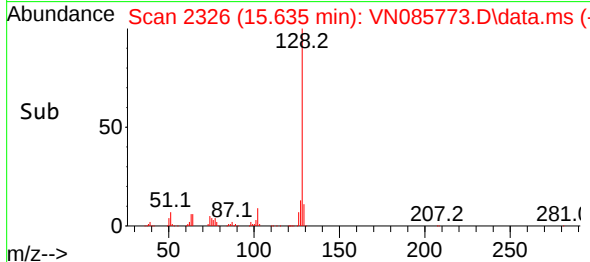
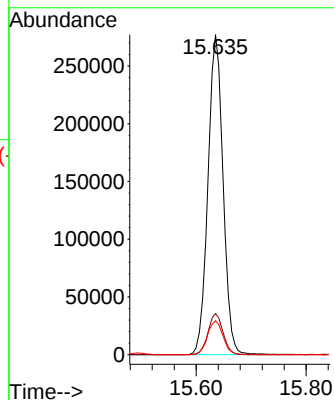
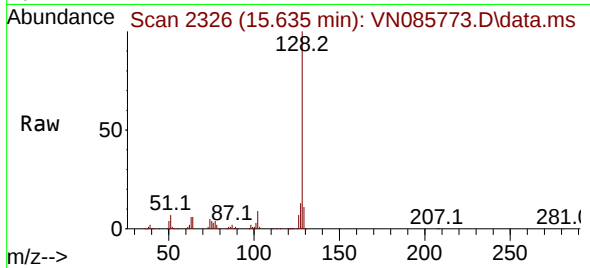




#95
Naphthalene
Concen: 53.265 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 528627
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.473 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085773.D
Acq: 18 Feb 2025 11:32

Tgt Ion:180 Resp: 179544
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 33.7 16.9 50.6

