

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\Not Reviewed Data\
 Data File : VN079792.D
 Acq On : 02 Nov 2023 13:12
 Operator : JC\MD
 Sample : 05173-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 16:51:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	214475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	421585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	425771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167511	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	182924	55.981	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.960%	
35) Dibromofluoromethane	8.165	113	154550	51.796	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.600%	
50) Toluene-d8	10.571	98	543214	49.453	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.900%	
62) 4-Bromofluorobenzene	12.853	95	179720	49.333	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.660%	

Target Compounds			Qvalue			
3) Chloromethane	2.354	50	2540	0.124	ug/l #	86
4) Vinyl Chloride	2.518	62	111	0.033	ug/l #	1
5) Bromomethane	2.965	94	1014	0.494	ug/l	93
6) Chloroethane	3.083	64	922	0.345	ug/l #	43
7) Trichlorofluoromethane	3.506	101	55	0.013	ug/l #	19
10) Methyl Iodide	4.583	142	1137	0.408	ug/l #	71
13) Acrolein	4.189	56	58	2.726	ug/l #	33
14) Allyl chloride	4.953	41	99	0.028	ug/l #	19
15) Acrylonitrile	5.730	53	224	0.172	ug/l #	1
16) Acetone	4.436	43	7019	6.115	ug/l	91
17) Carbon Disulfide	4.718	76	2714	0.408	ug/l #	75
18) Methyl Acetate	5.006	43	100	0.018	ug/l #	42
28) Bromochloromethane	7.965	49	55	0.023	ug/l #	5
32) 1,1,1-Trichloroethane	8.171	97	74	0.017	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	20177	4.736	ug/l #	48
37) Ethyl Acetate	7.494	43	806	0.206	ug/l #	63
38) Carbon Tetrachloride	8.230	117	23735	5.528	ug/l #	17
42) 1,2-Dichloroethane	8.677	62	657	0.147	ug/l #	73
43) Isopropyl Acetate	8.806	43	755	0.110	ug/l #	49
48) Methyl methacrylate	9.682	41	56	0.019	ug/l #	15
51) 4-Methyl-2-Pentanone	10.447	43	888	0.230	ug/l #	31
52) Toluene	10.629	92	1471	0.194	ug/l	91
56) Ethyl methacrylate	10.882	69	84	0.019	ug/l #	55
57) 1,3-Dichloropropane	11.171	76	72	0.013	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.171	63	109	0.050	ug/l #	42
59) 2-Hexanone	11.194	43	1385	0.469	ug/l	67
60) Dibromochloromethane	11.353	129	78	0.024	ug/l #	11
68) m/p-Xylenes	12.076	106	559	0.093	ug/l #	15
69) o-Xylene	12.406	106	362	0.063	ug/l	92
70) Styrene	12.423	104	726	0.078	ug/l #	63
71) Bromoform	12.847	173	1625	0.688	ug/l #	1
73) Isopropylbenzene	12.694	105	494	0.039	ug/l #	49
74) N-amyl acetate	12.482	43	233	0.042	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.941	83	296	0.066	ug/l #	54
76) 1,2,3-Trichloropropane	12.853	75	101826	25.892	ug/l #	1
77) Bromobenzene	12.982	156	362	0.116	ug/l	60

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

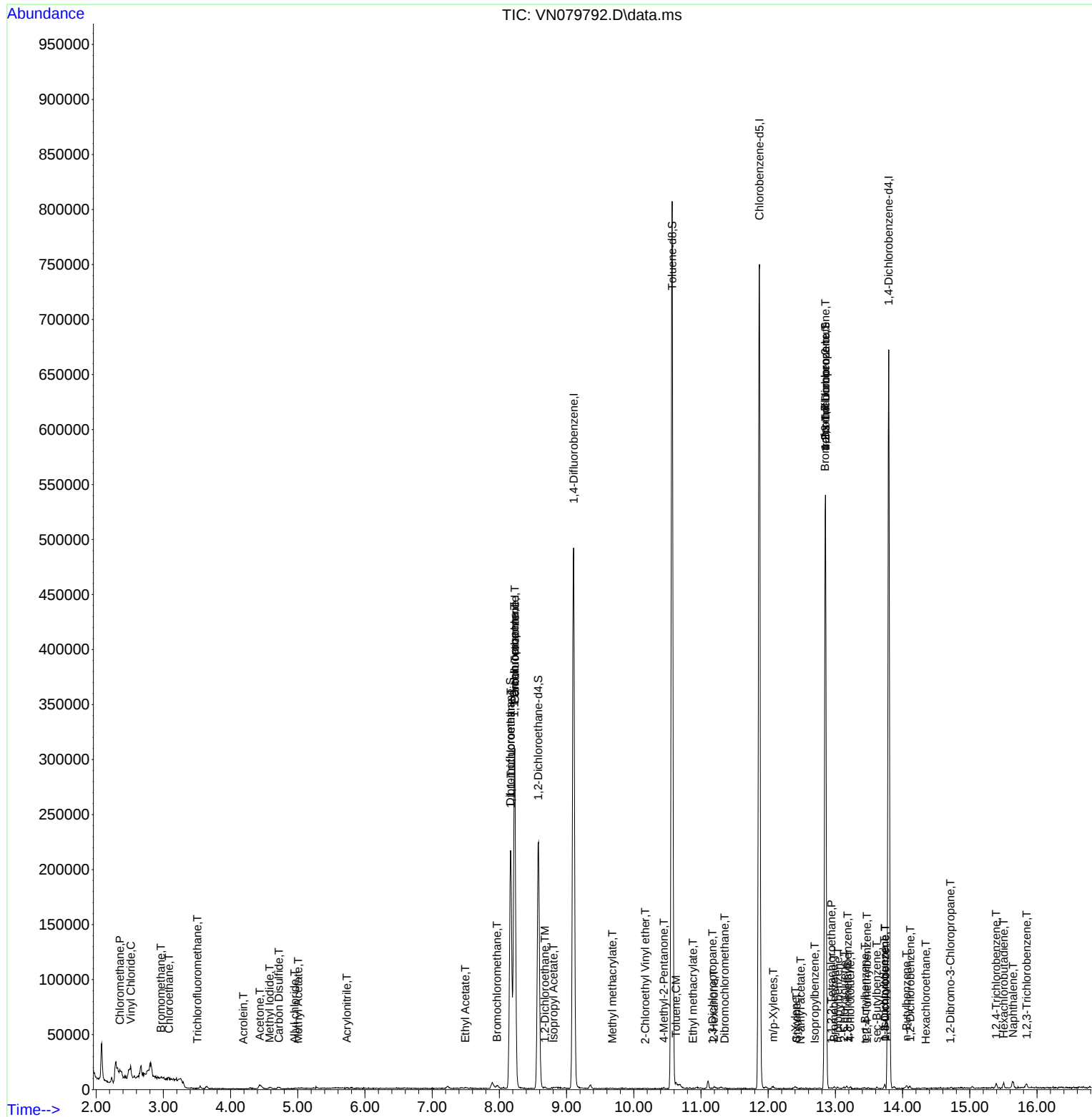
78) n-propylbenzene	13.041	91	1409	0.097	ug/l #	64
79) 2-Chlorotoluene	13.129	91	769	0.083	ug/l #	57
80) 1,3,5-Trimethylbenzene	13.182	105	535	0.054	ug/l #	44
81) trans-1,4-Dichloro-2-b...	12.853	75	101826	70.447	ug/l #	15
82) 4-Chlorotoluene	13.223	91	1558	0.169	ug/l #	50
83) tert-Butylbenzene	13.441	119	345	0.043	ug/l #	80
84) 1,2,4-Trimethylbenzene	13.470	105	804	0.083	ug/l	96
85) sec-Butylbenzene	13.618	105	1025	0.091	ug/l #	72
86) p-Isopropyltoluene	13.729	119	689	0.075	ug/l	85
87) 1,3-Dichlorobenzene	13.741	146	1194	0.206	ug/l	92
88) 1,4-Dichlorobenzene	13.741	146	1194	0.203	ug/l	94
89) n-Butylbenzene	14.059	91	1993	0.253	ug/l	91
90) Hexachloroethane	14.347	117	122	0.067	ug/l	94
91) 1,2-Dichlorobenzene	14.117	146	1202	0.220	ug/l	78
92) 1,2-Dibromo-3-Chloropr...	14.712	75	180	0.235	ug/l #	40
93) 1,2,4-Trichlorobenzene	15.394	180	1484	0.571	ug/l #	80
94) Hexachlorobutadiene	15.506	225	938	0.796	ug/l	87
95) Naphthalene	15.647	128	6423	0.729	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.847	180	1993	0.782	ug/l	92

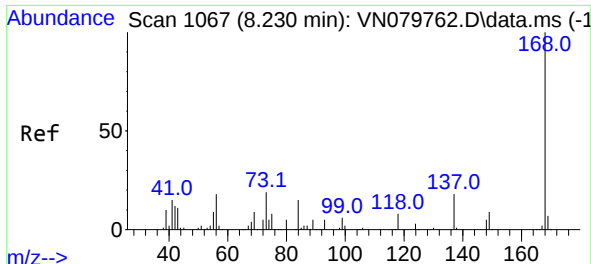
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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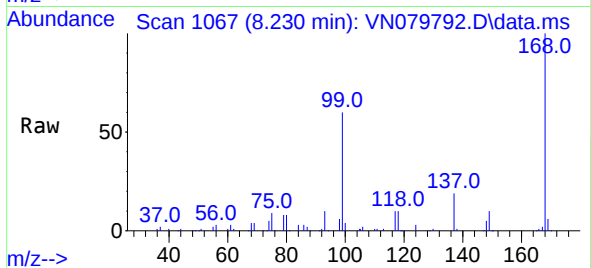
Quant Time: Nov 02 16:51:58 2023
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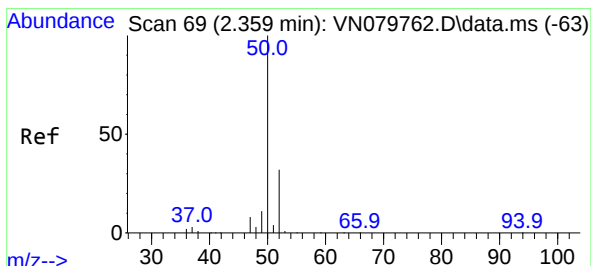
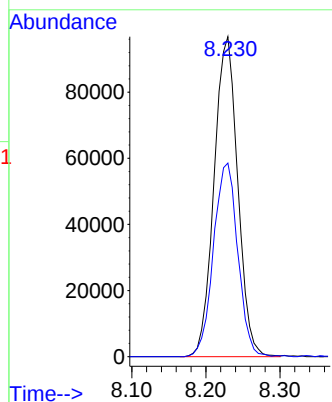
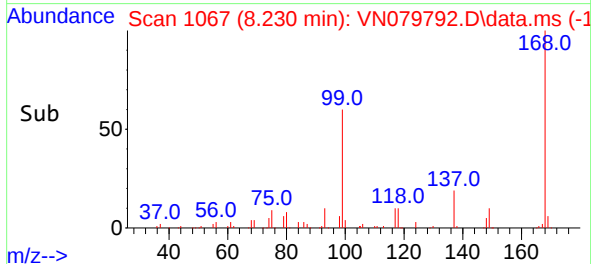


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN079792.D
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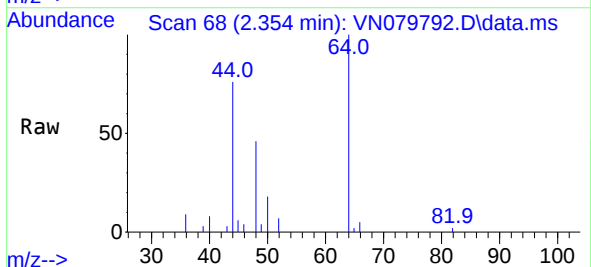
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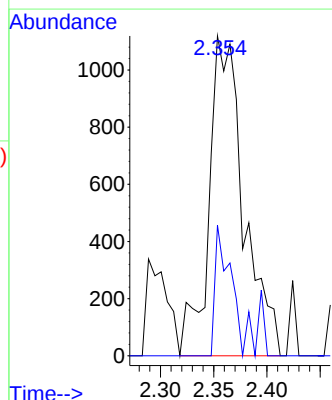
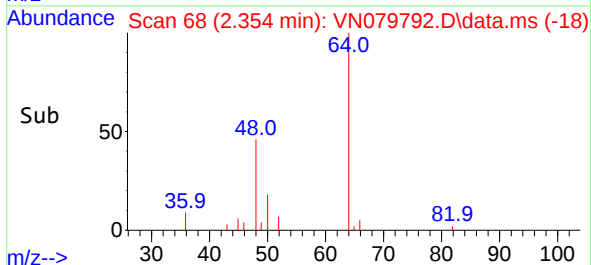
Tgt Ion:168 Resp: 214475
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6

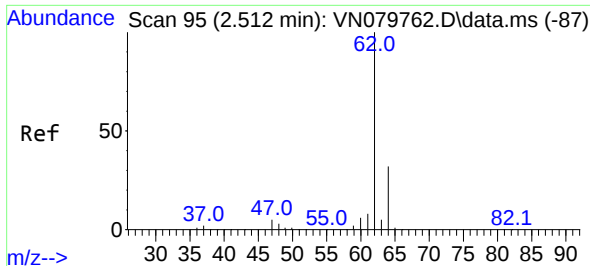


#3
Chloromethane
Concen: 0.124 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12



Tgt Ion: 50 Resp: 2540
Ion Ratio Lower Upper
50 100
52 40.8 26.5 39.7#

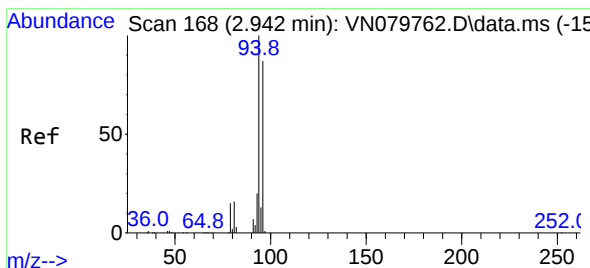
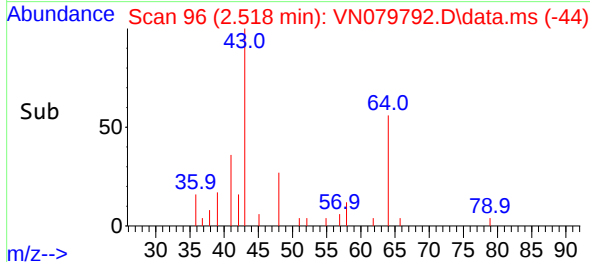
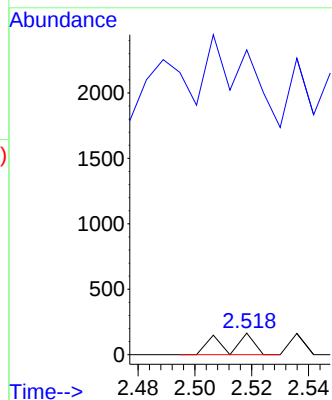
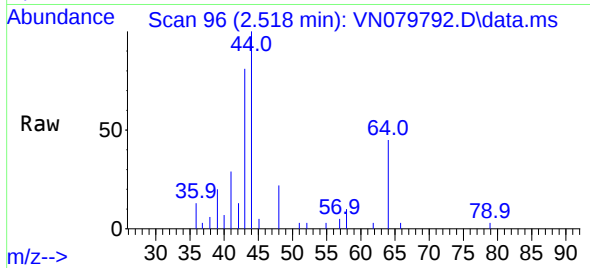




#4
Vinyl Chloride
Concen: 0.033 ug/l
RT: 2.518 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

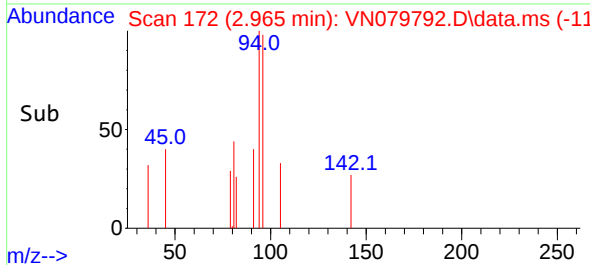
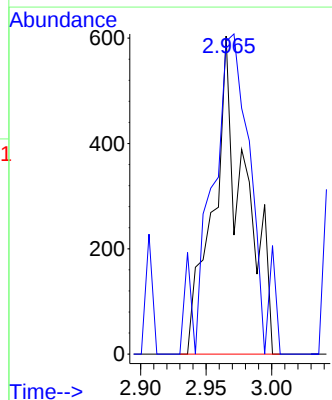
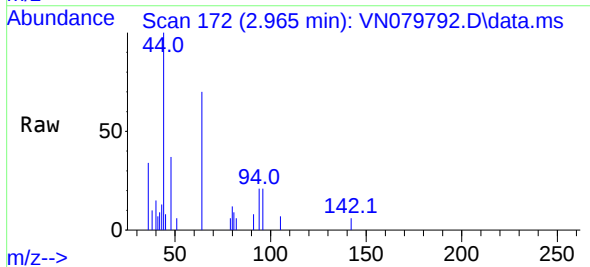
Instrument :
MSVOA_N
ClientSampleId :

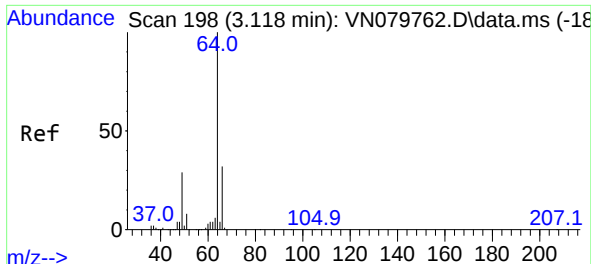
Tgt Ion: 62 Resp: 111
Ion Ratio Lower Upper
62 100
64 359.4 26.2 39.2#



#5
Bromomethane
Concen: 0.494 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

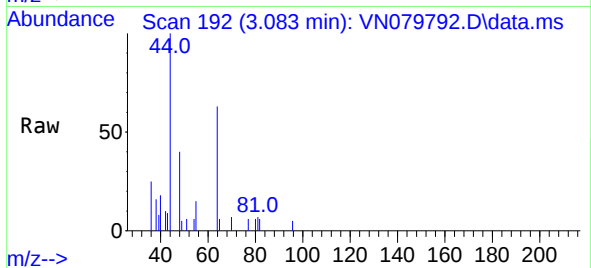
Tgt Ion: 94 Resp: 1014
Ion Ratio Lower Upper
94 100
96 98.3 73.1 109.7



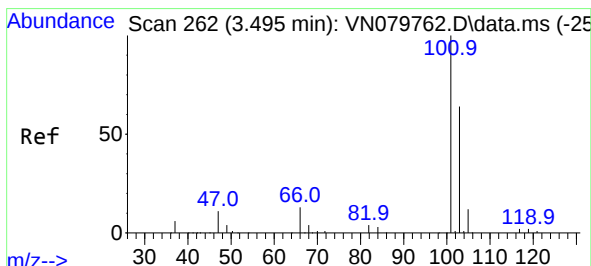
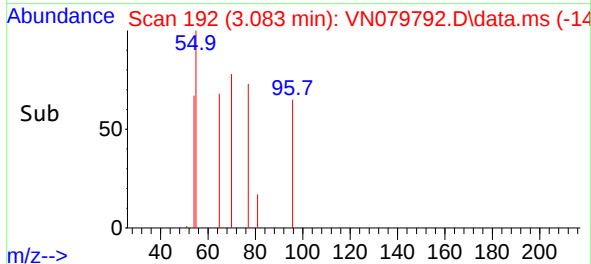
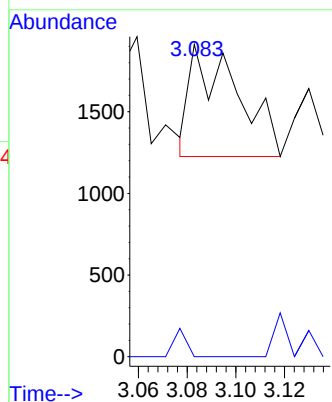


#6
Chloroethane
Concen: 0.345 ug/l
RT: 3.083 min Scan# 198
Delta R.T. -0.035 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

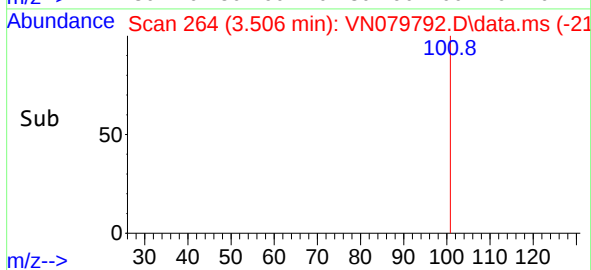
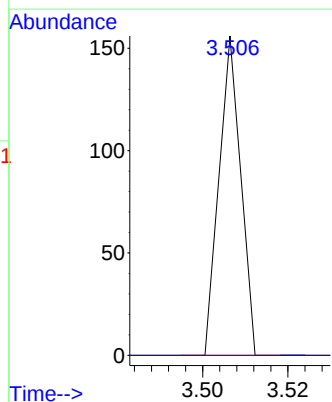
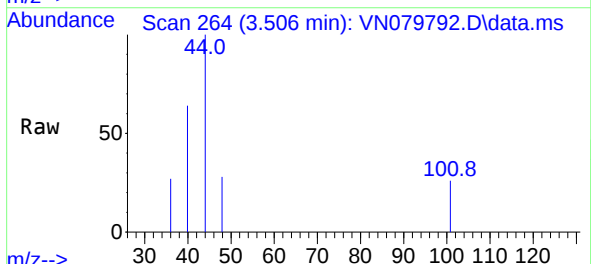


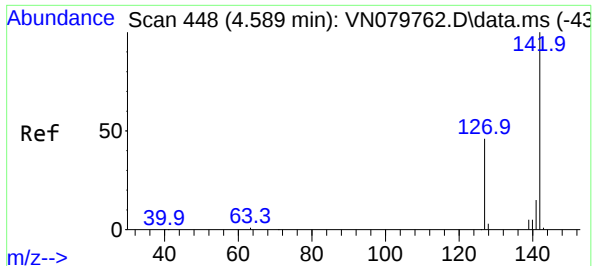
Tgt Ion: 64 Resp: 922
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#7
Trichlorofluoromethane
Concen: 0.013 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.012 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

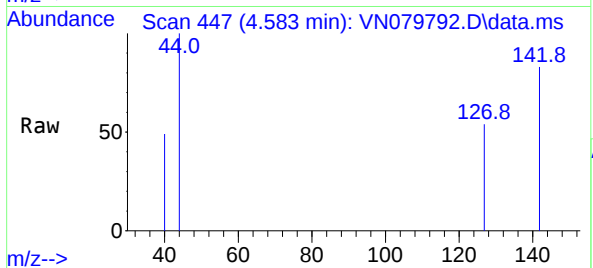
Tgt Ion: 101 Resp: 55
Ion Ratio Lower Upper
101 100
103 0.0 50.7 76.1#



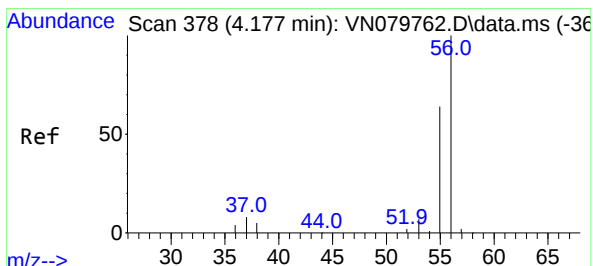
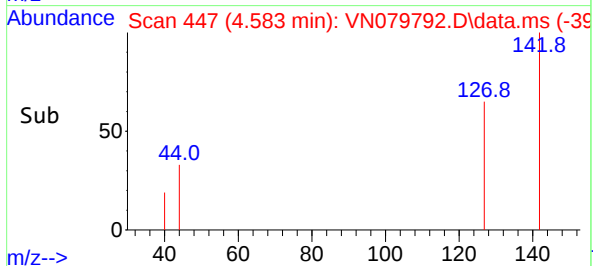
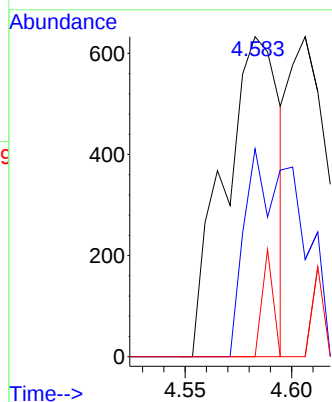


#10
Methyl Iodide
Concen: 0.408 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

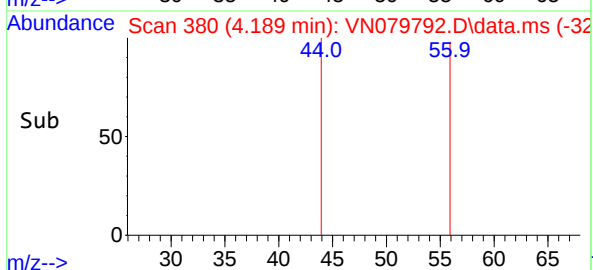
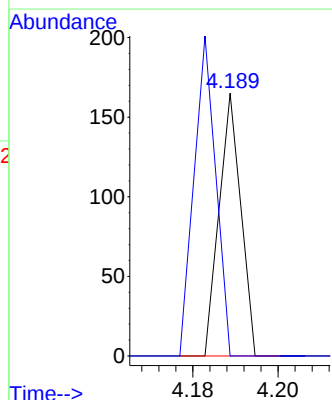
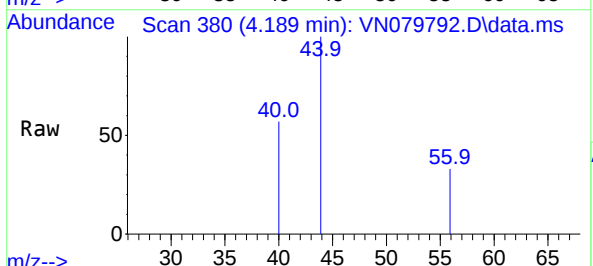


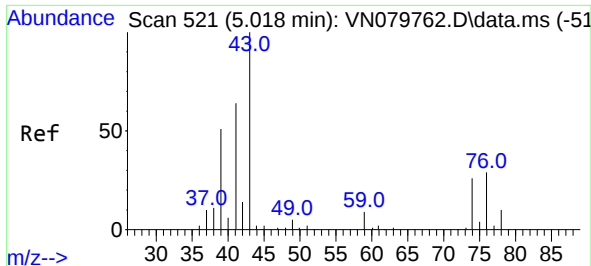
Tgt Ion:142 Resp: 1137
Ion Ratio Lower Upper
142 100
127 64.9 37.6 56.4#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 2.726 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

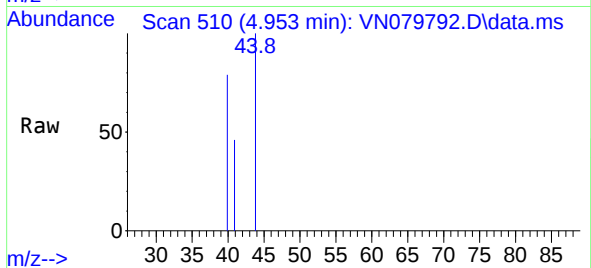
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 122.4 54.5 81.7#



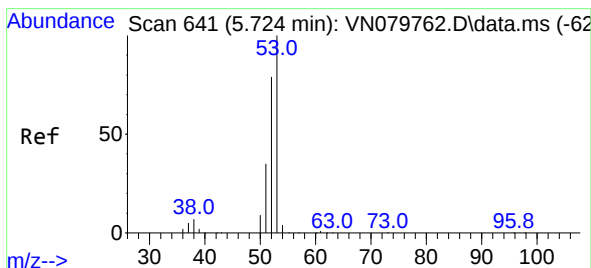
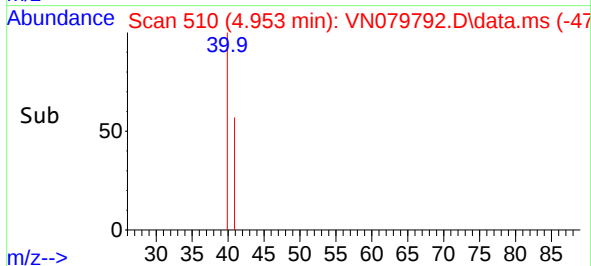
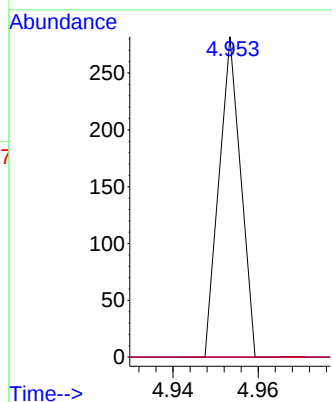


#14
Allyl chloride
Concen: 0.028 ug/l
RT: 4.953 min Scan# 51
Delta R.T. -0.070 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

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ClientSampleId :

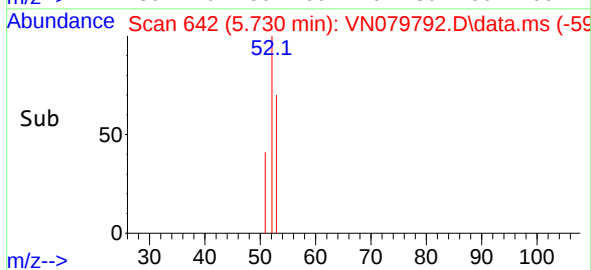
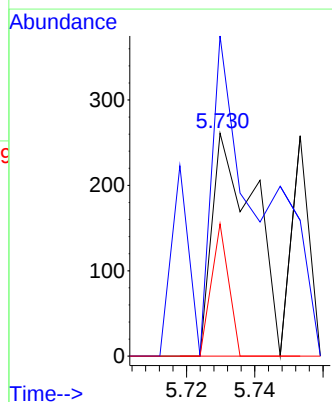
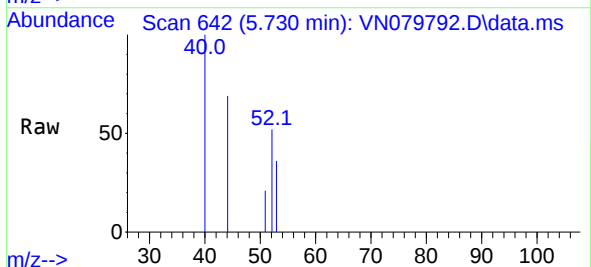


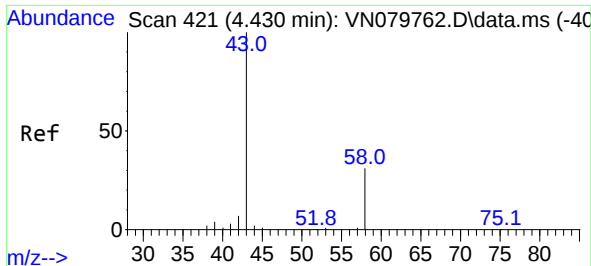
Tgt Ion: 41 Resp: 99
Ion Ratio Lower Upper
41 100
39 0.0 58.8 88.2#
76 0.0 39.1 58.7#



#15
Acrylonitrile
Concen: 0.172 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion: 53 Resp: 224
Ion Ratio Lower Upper
53 100
52 205.4 65.3 97.9#
51 24.6 28.9 43.3#

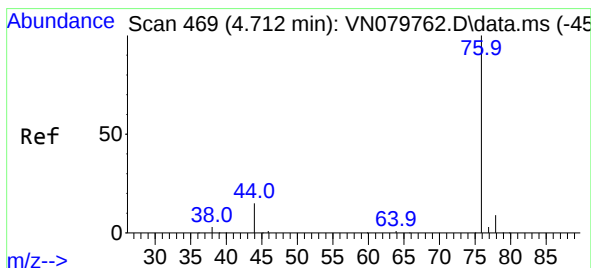
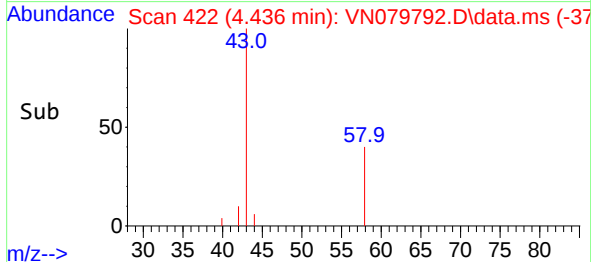
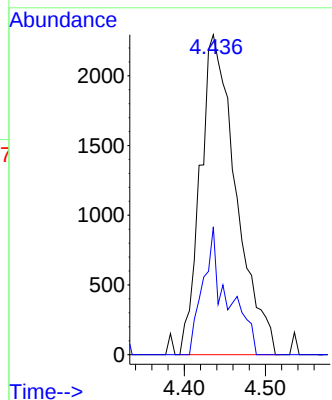
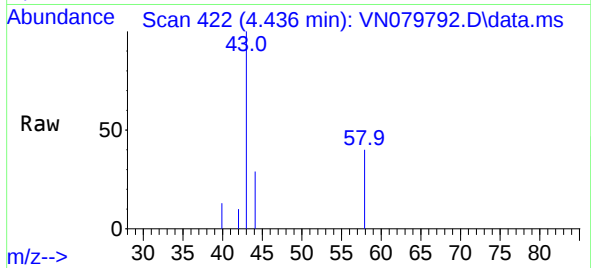




#16
Acetone
Concen: 6.115 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

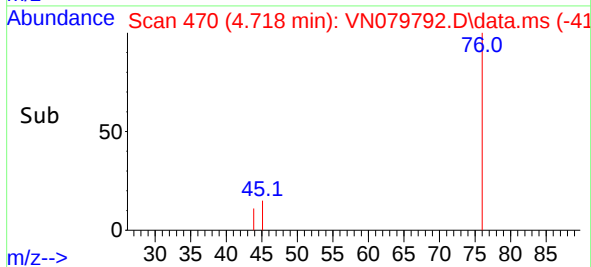
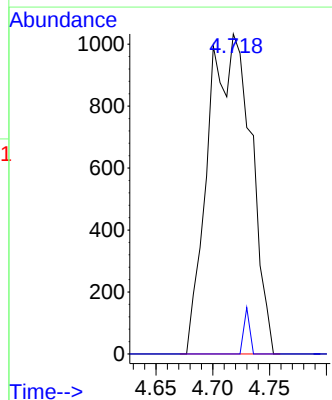
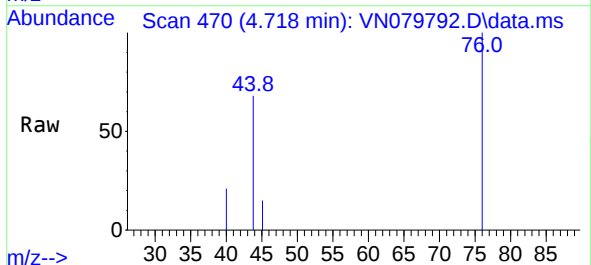
Instrument :
MSVOA_N
ClientSampleId :

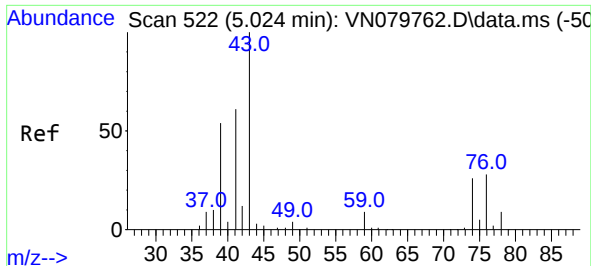
Tgt Ion: 43 Resp: 7019
Ion Ratio Lower Upper
43 100
58 40.0 28.0 42.0



#17
Carbon Disulfide
Concen: 0.408 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

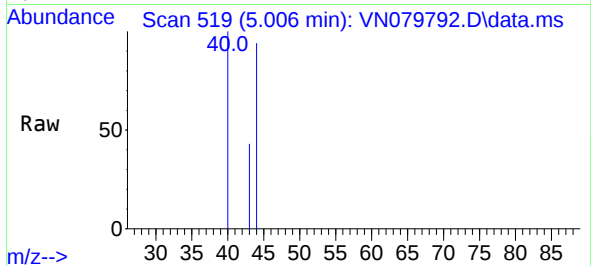
Tgt Ion: 76 Resp: 2714
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



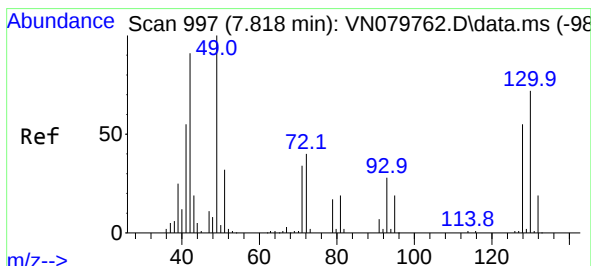
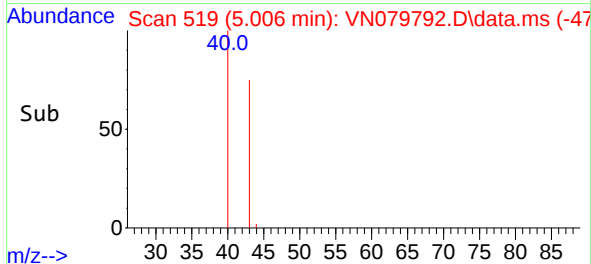
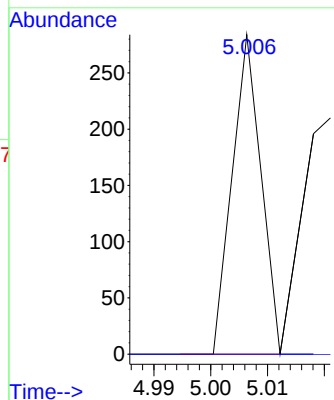


#18
Methyl Acetate
Concen: 0.018 ug/l
RT: 5.006 min Scan# 51
Delta R.T. -0.017 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

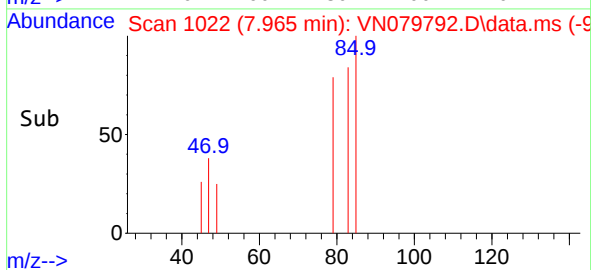
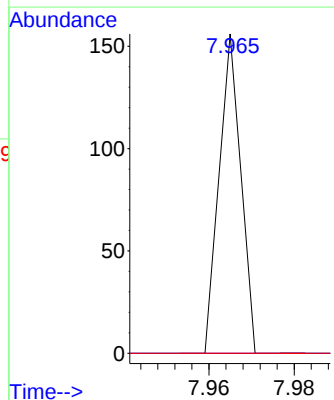
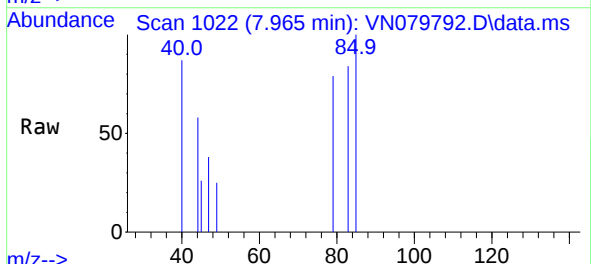


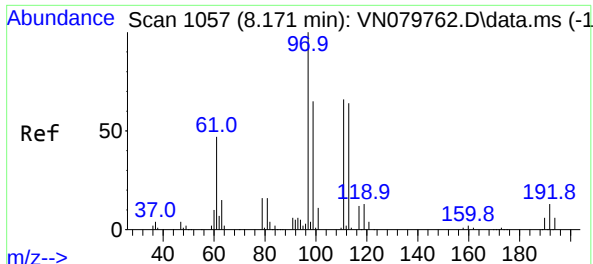
Tgt Ion: 43 Resp: 100
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



#28
Bromochloromethane
Concen: 0.023 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.153 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

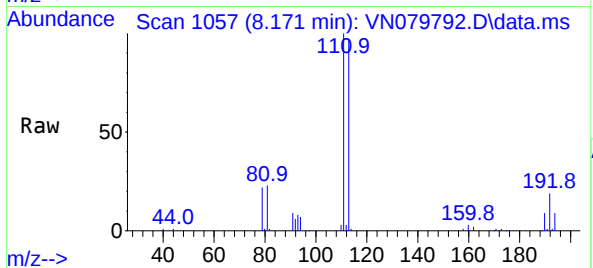
Tgt Ion: 49 Resp: 55
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 0.0 75.3 112.9#



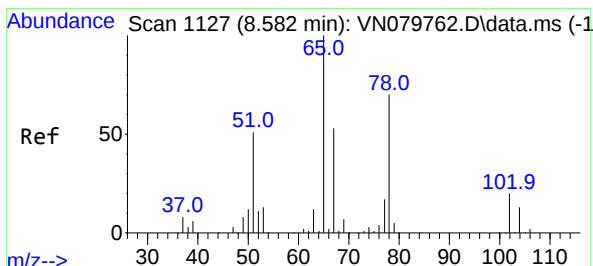
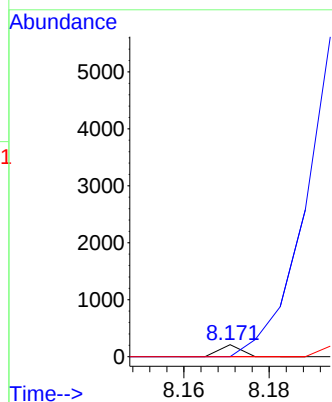
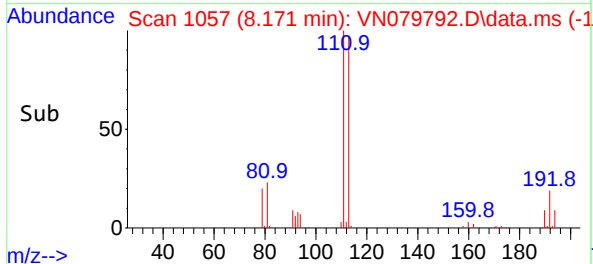


#32
1,1,1-Trichloroethane
Concen: 0.017 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

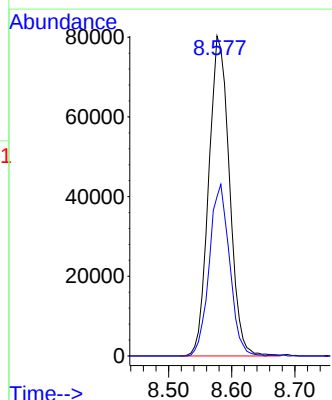
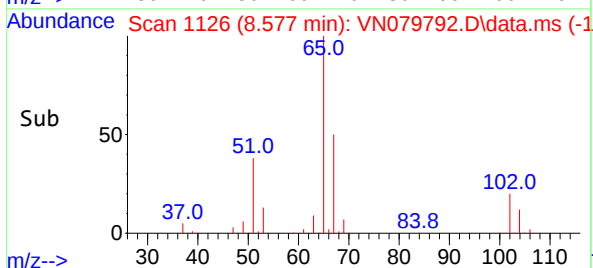
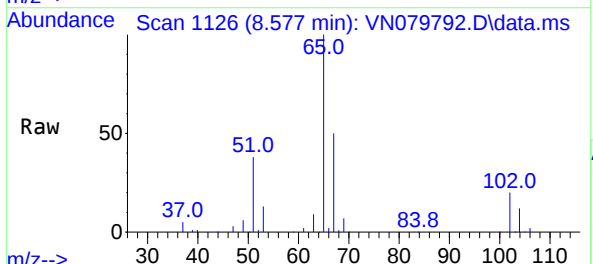


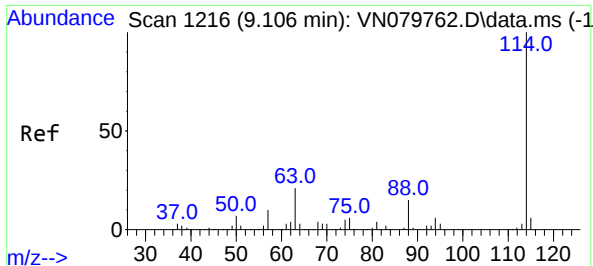
Tgt Ion: 97 Resp: 74
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 0.0 34.7 52.1#



#33
1,2-Dichloroethane-d4
Concen: 55.981 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion: 65 Resp: 182924
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6

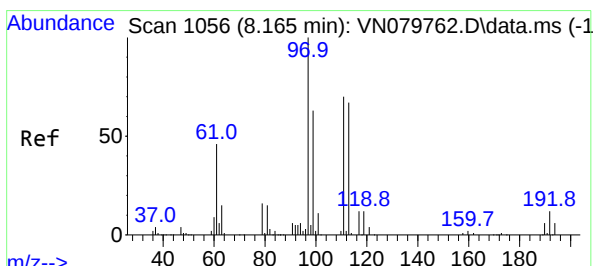
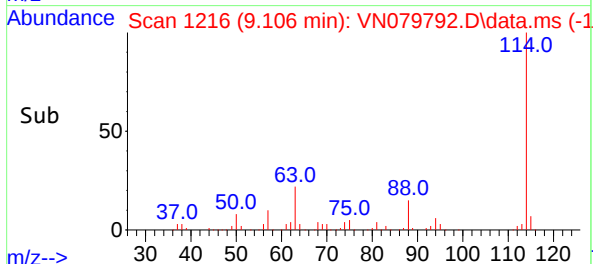
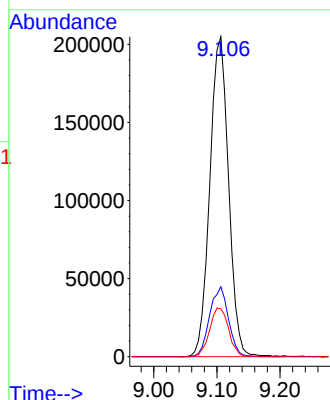
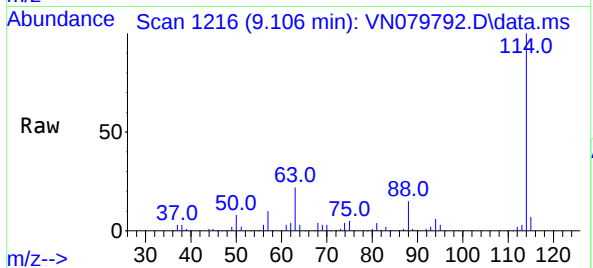




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

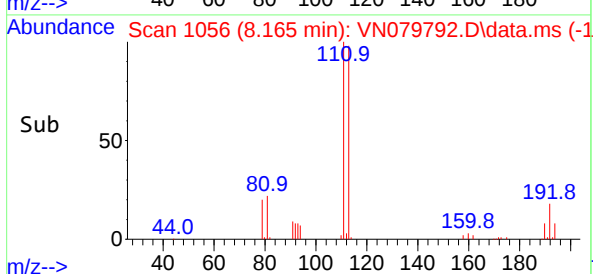
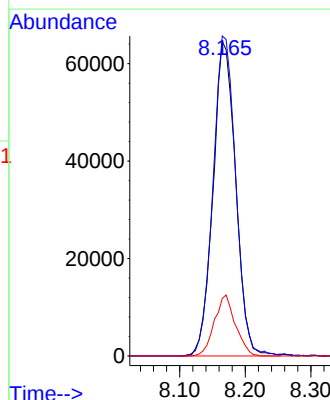
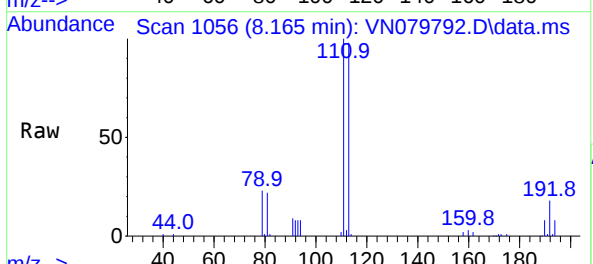
Instrument :
MSVOA_N
ClientSampleId :

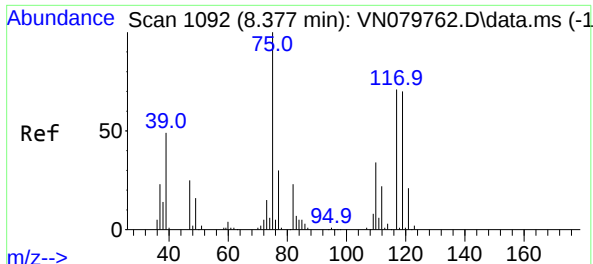
Tgt Ion:114 Resp: 421585
Ion Ratio Lower Upper
114 100
63 21.8 0.0 36.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.796 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion:113 Resp: 154550
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 18.0 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.736 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

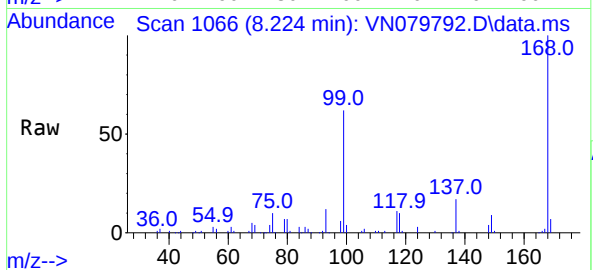
Lab File: VN079792.D

Acq: 02 Nov 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :



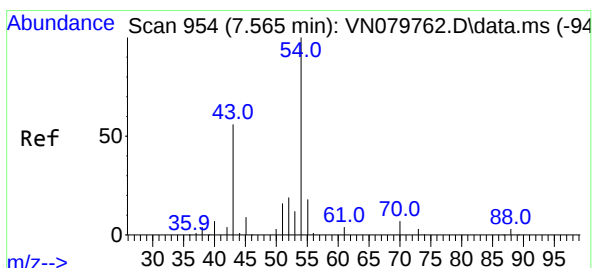
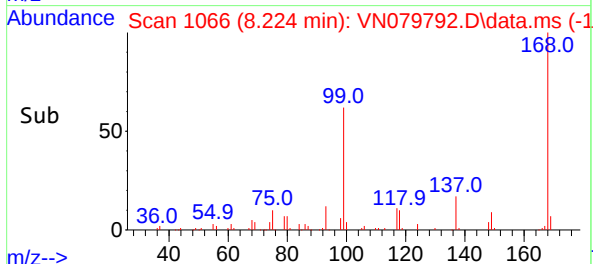
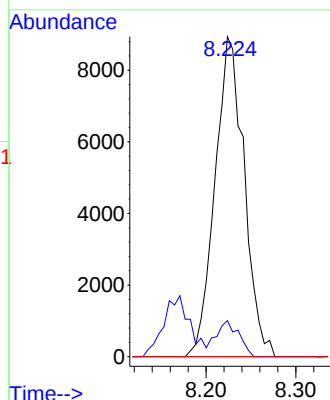
Tgt Ion: 75 Resp: 20177

Ion Ratio Lower Upper

75 100

110 8.8 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 0.206 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.070 min

Lab File: VN079792.D

Acq: 02 Nov 2023 13:12

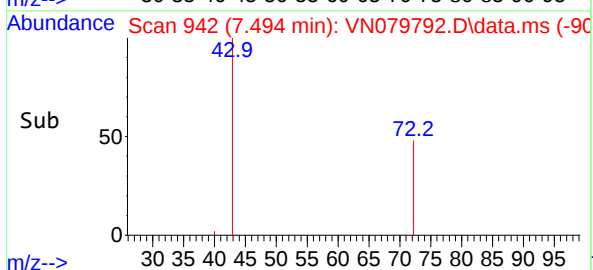
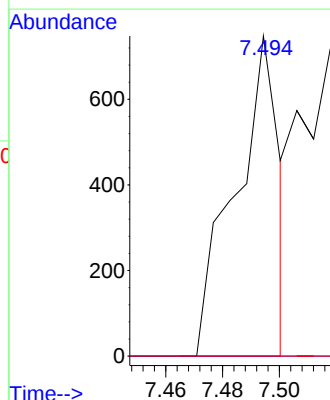
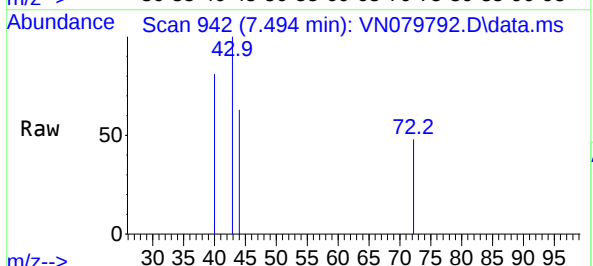
Tgt Ion: 43 Resp: 806

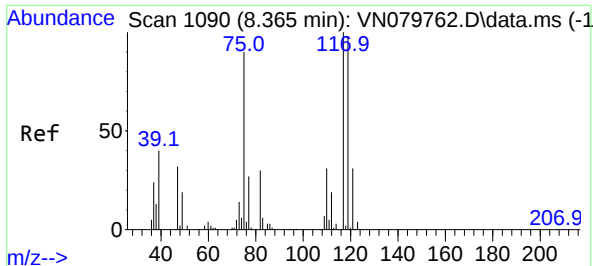
Ion Ratio Lower Upper

43 100

61 0.0 13.2 19.8#

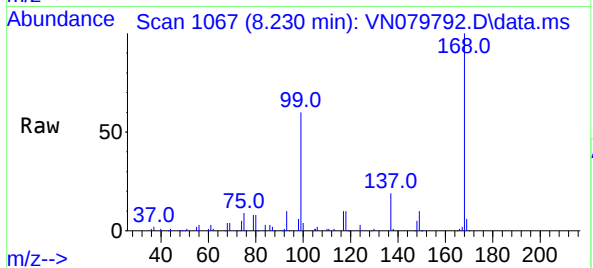
70 0.0 11.3 16.9#



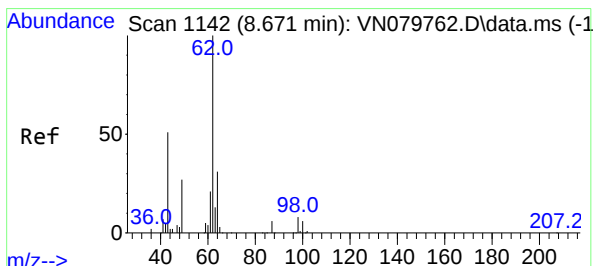
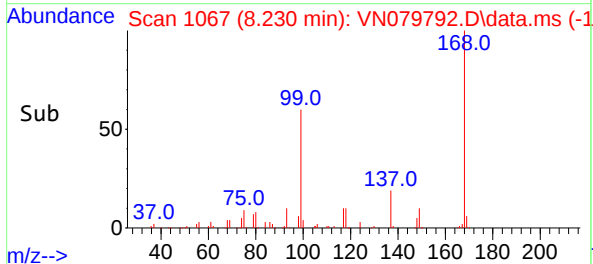
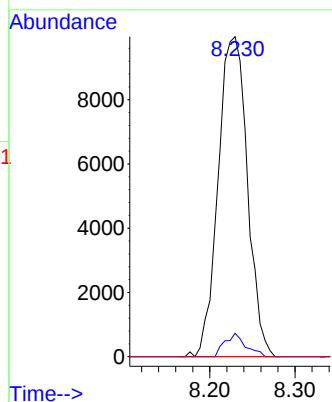


#38
Carbon Tetrachloride
Concen: 5.528 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.129 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

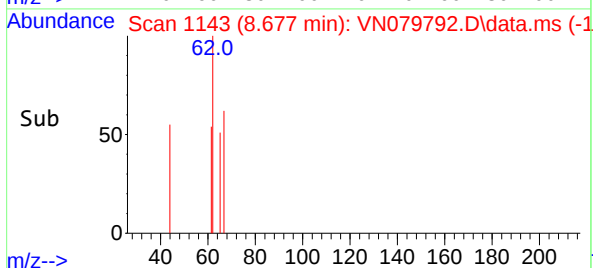
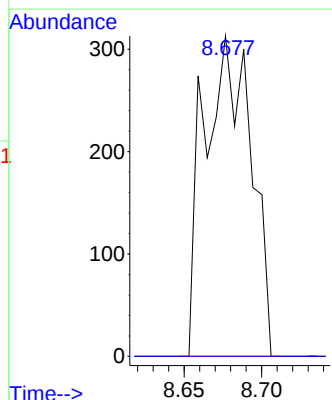
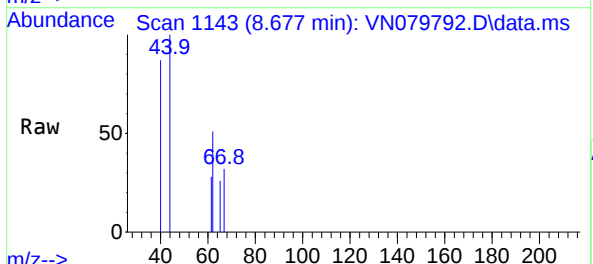


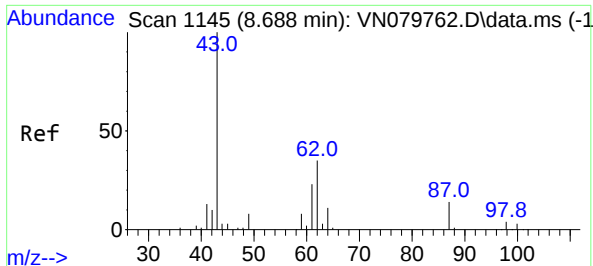
Tgt Ion:117 Resp: 23735
Ion Ratio Lower Upper
117 100
119 7.3 77.3 115.9#
121 0.0 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 0.147 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion: 62 Resp: 657
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8

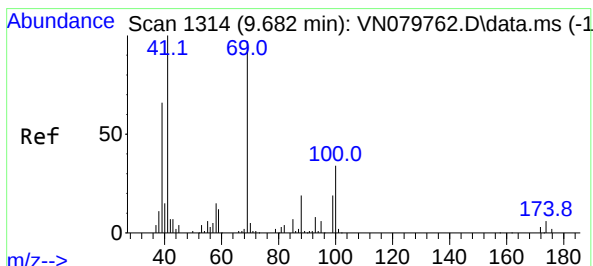
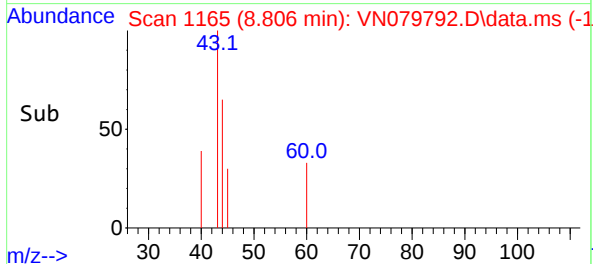
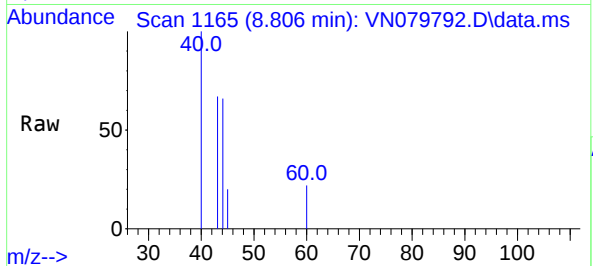




#43
Isopropyl Acetate
Concen: 0.110 ug/l
RT: 8.806 min Scan# 1145
Delta R.T. 0.118 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

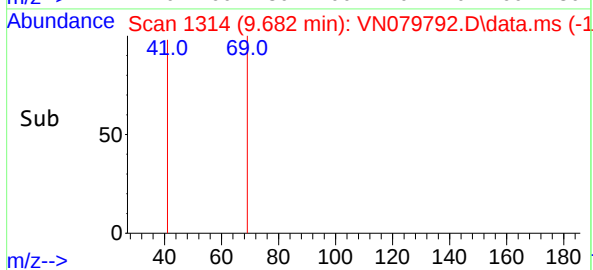
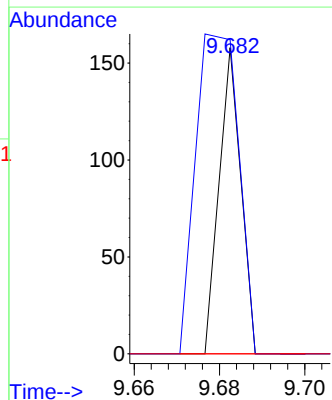
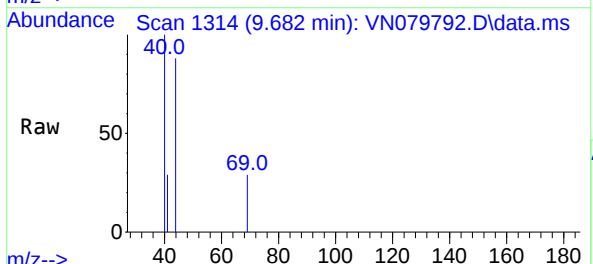
Instrument :
MSVOA_N
ClientSampleId :

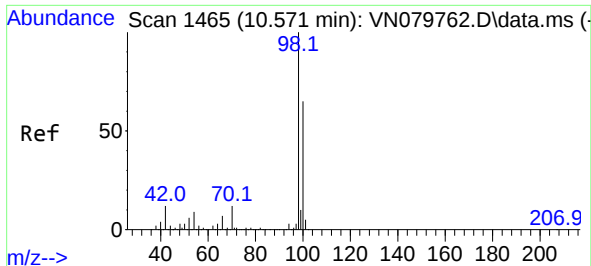
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#48
Methyl methacrylate
Concen: 0.019 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion: 41 Resp: 56
Ion Ratio Lower Upper
41 100
69 205.4 90.4 135.6#
39 0.0 54.6 81.8#

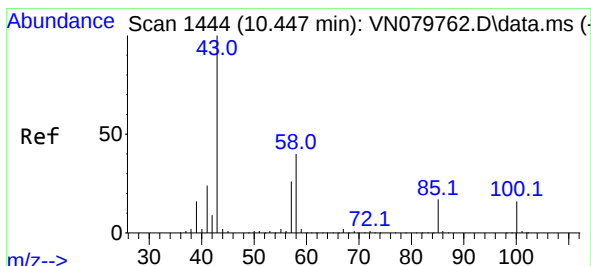
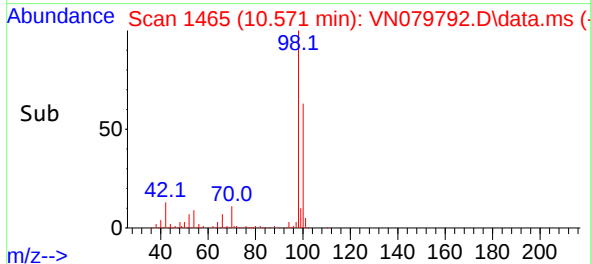
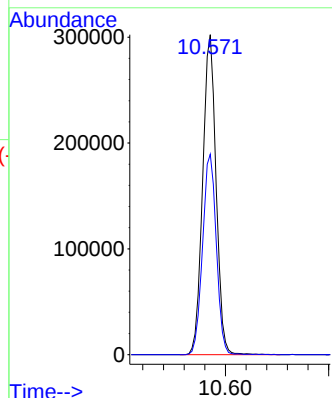
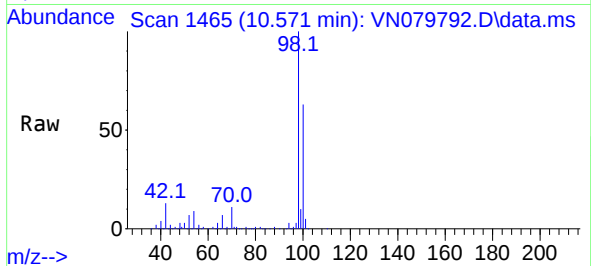




#50
Toluene-d8
Concen: 49.453 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

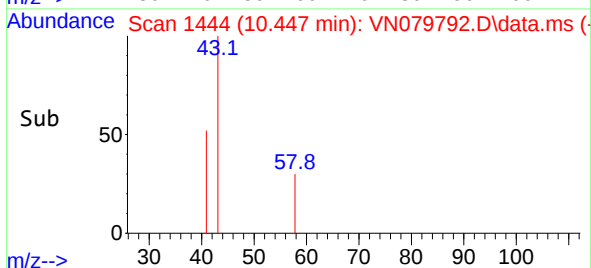
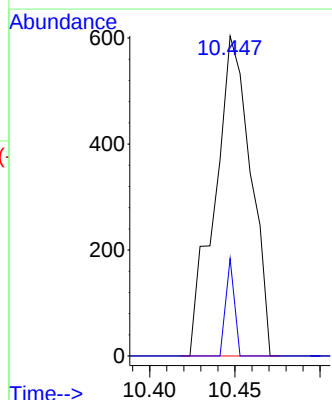
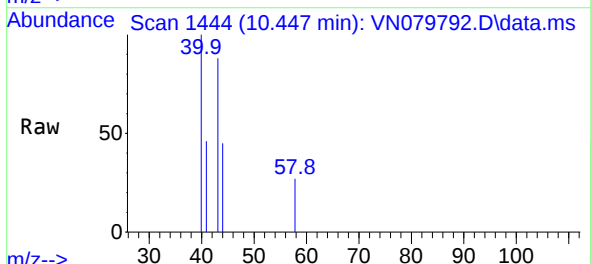
Instrument :
MSVOA_N
ClientSampleId :

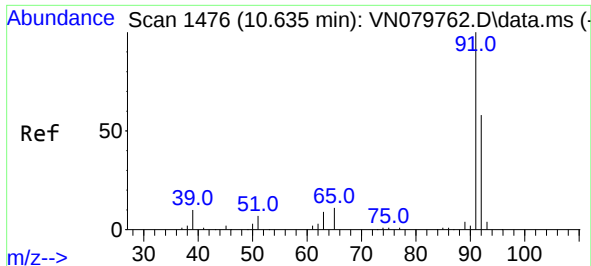
Tgt Ion: 98 Resp: 543214
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.230 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 0.0 36.6 54.8#

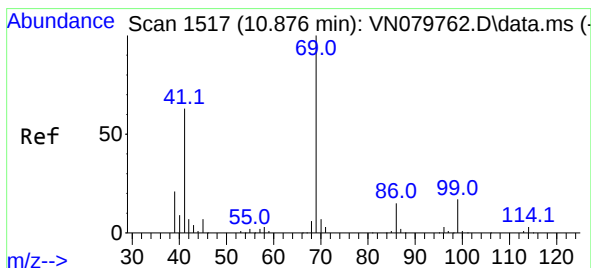
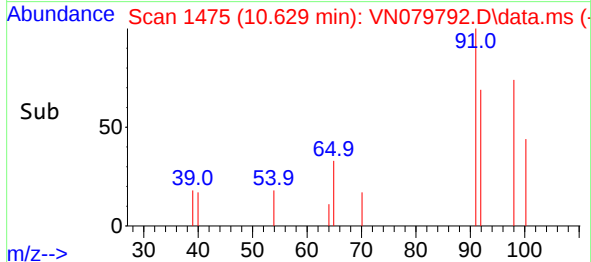
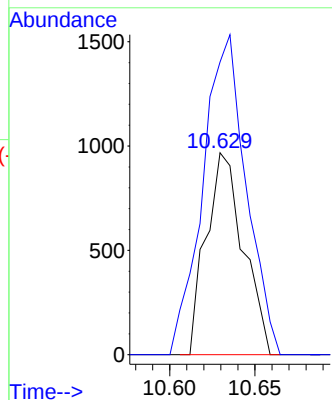
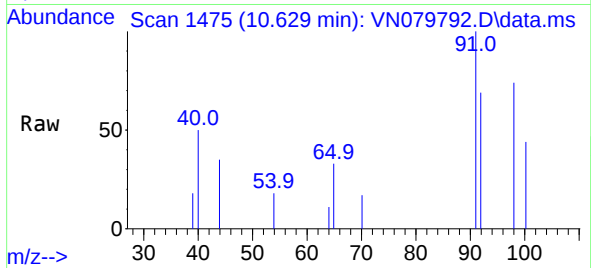




#52
Toluene
Concen: 0.194 ug/l
RT: 10.629 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

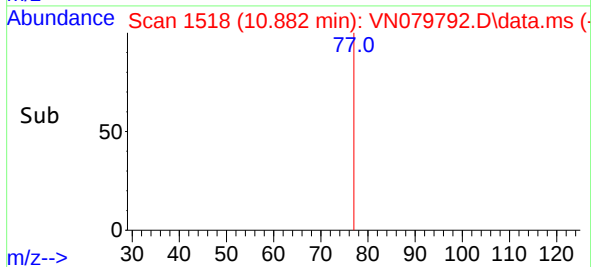
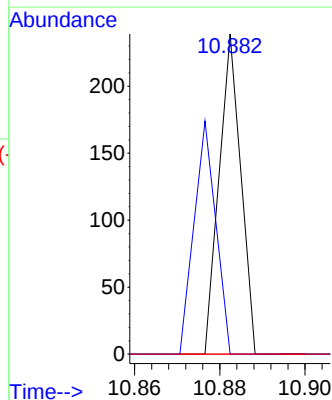
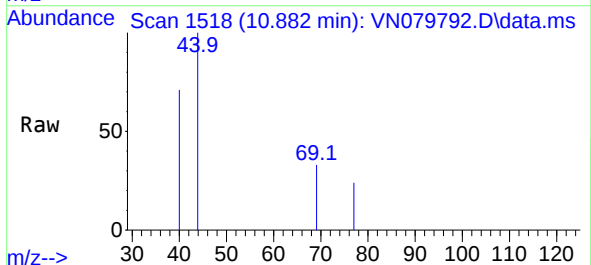
Instrument :
MSVOA_N
ClientSampleId :

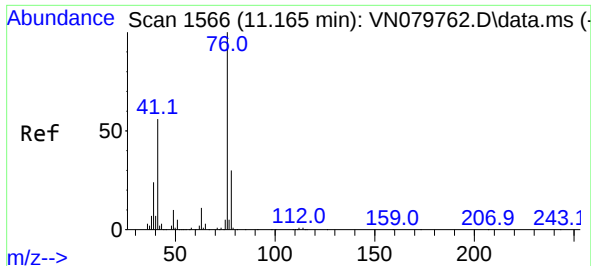
Tgt Ion: 92 Resp: 1471
Ion Ratio Lower Upper
92 100
91 184.6 137.4 206.0



#56
Ethyl methacrylate
Concen: 0.019 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion: 69 Resp: 84
Ion Ratio Lower Upper
69 100
41 72.6 39.6 59.4#
39 0.0 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 0.013 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VN079792.D

Acq: 02 Nov 2023 13:12

Instrument :

MSVOA_N

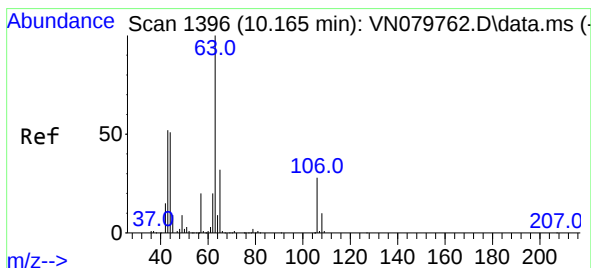
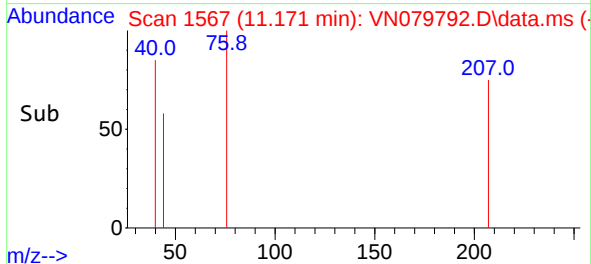
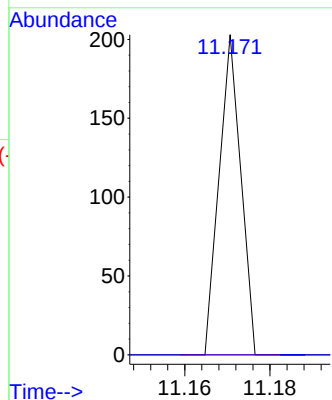
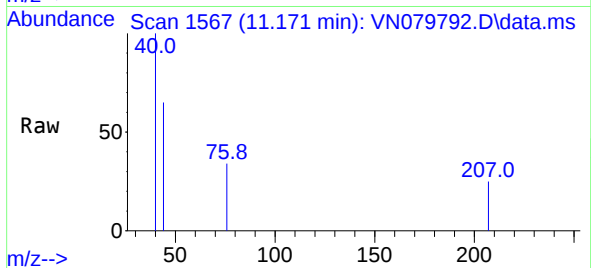
ClientSampleId :

Tgt Ion: 76 Resp: 72

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.050 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN079792.D

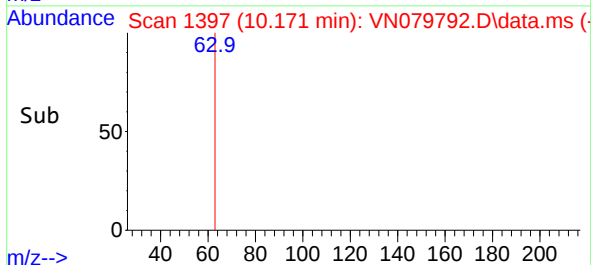
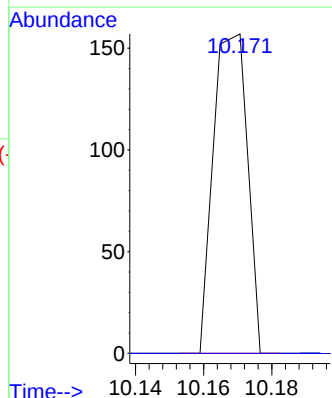
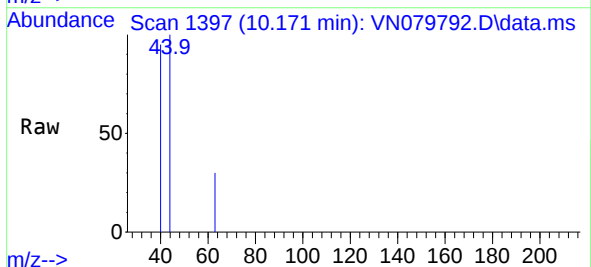
Acq: 02 Nov 2023 13:12

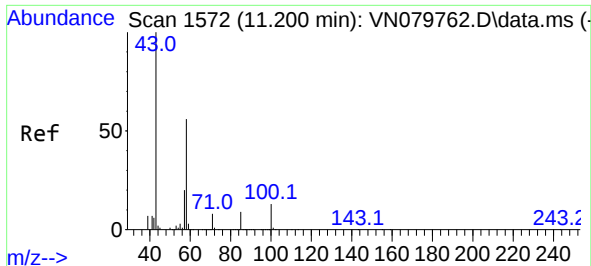
Tgt Ion: 63 Resp: 109

Ion Ratio Lower Upper

63 100

106 0.0 26.2 39.4#





#59

2-Hexanone

Concen: 0.469 ug/l

RT: 11.194 min Scan# 1572

Delta R.T. -0.006 min

Lab File: VN079792.D

Acq: 02 Nov 2023 13:12

Instrument :

MSVOA_N

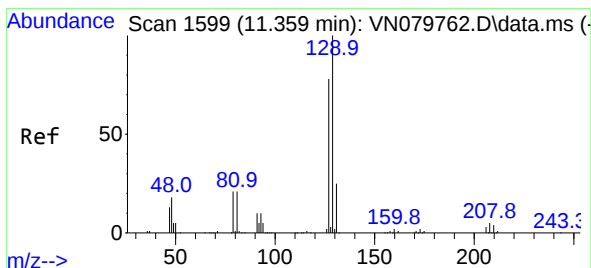
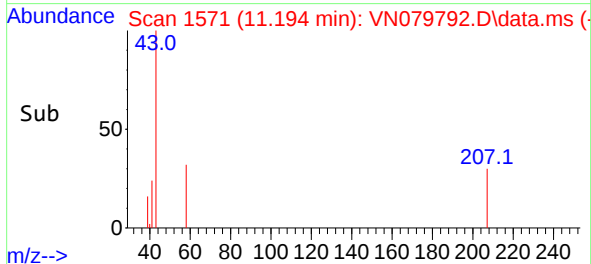
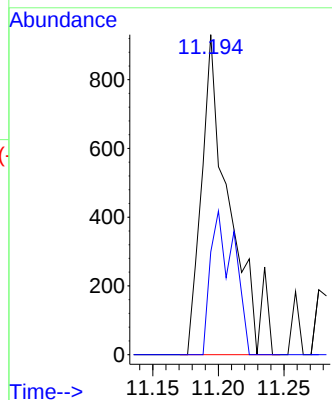
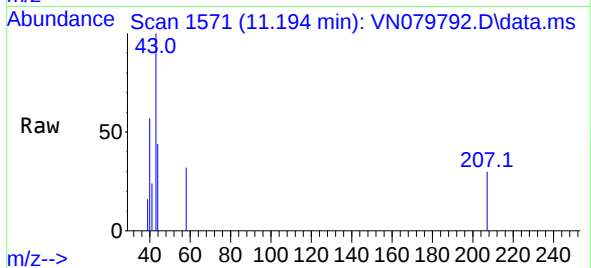
ClientSampleId :

Tgt Ion: 43 Resp: 1385

Ion Ratio Lower Upper

43 100

58 37.6 31.7 95.1



#60

Dibromochloromethane

Concen: 0.024 ug/l

RT: 11.353 min Scan# 1598

Delta R.T. -0.012 min

Lab File: VN079792.D

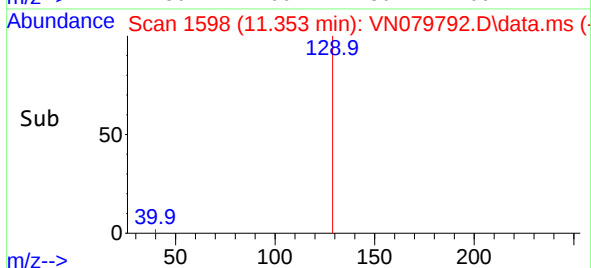
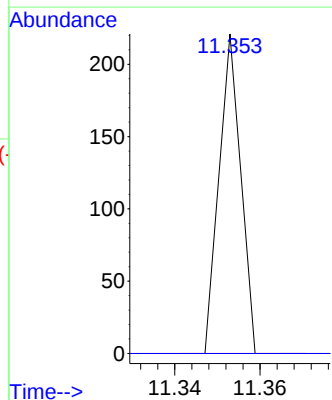
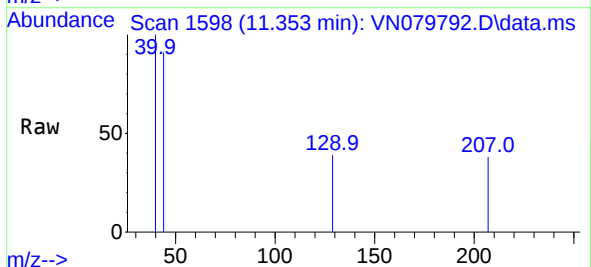
Acq: 02 Nov 2023 13:12

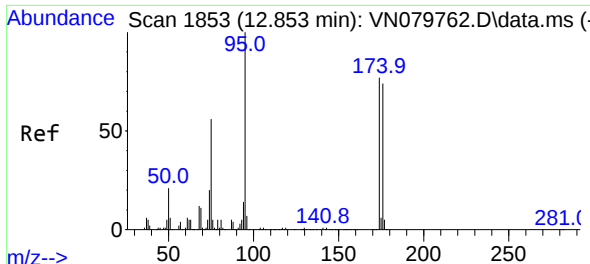
Tgt Ion: 129 Resp: 78

Ion Ratio Lower Upper

129 100

127 0.0 38.6 116.0#

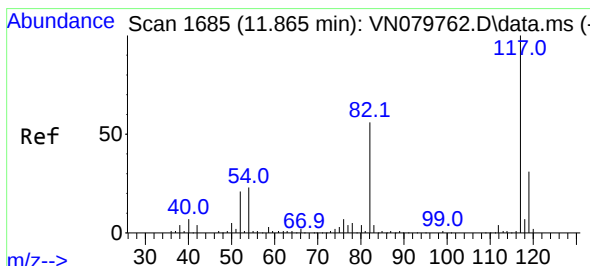
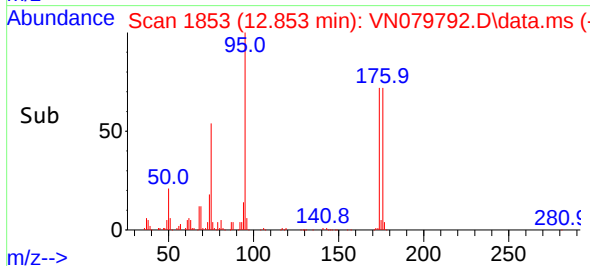
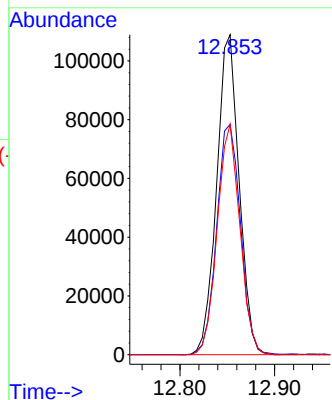
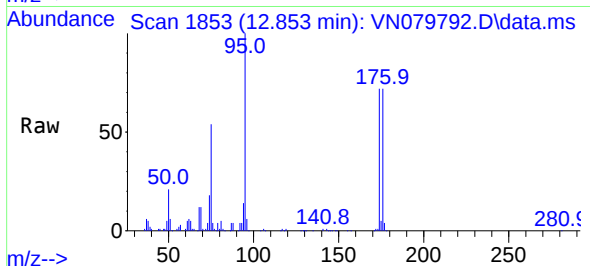




#62
4-Bromofluorobenzene
Concen: 49.333 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

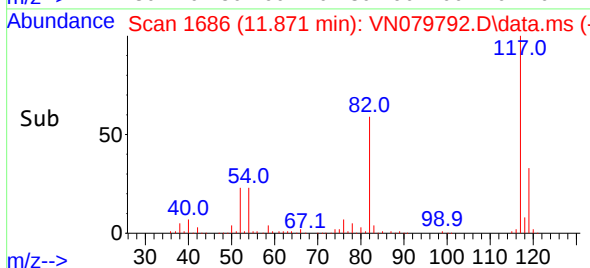
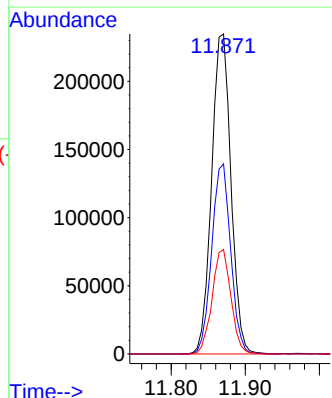
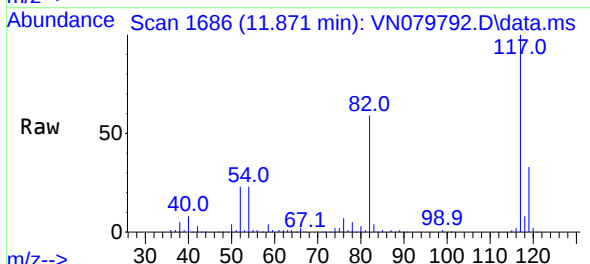
Instrument :
MSVOA_N
ClientSampleId :

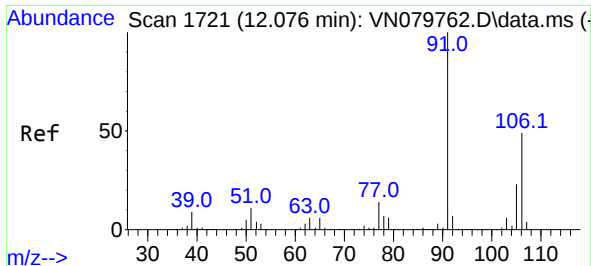
Tgt Ion: 95 Resp: 179720
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 72.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion: 117 Resp: 425771
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 32.6 25.6 38.4

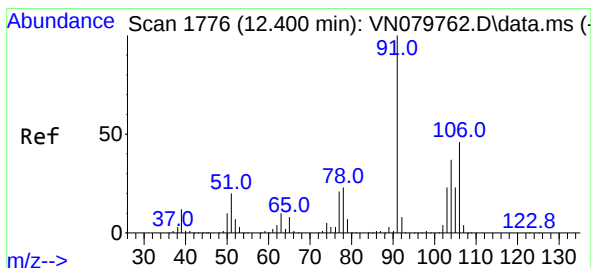
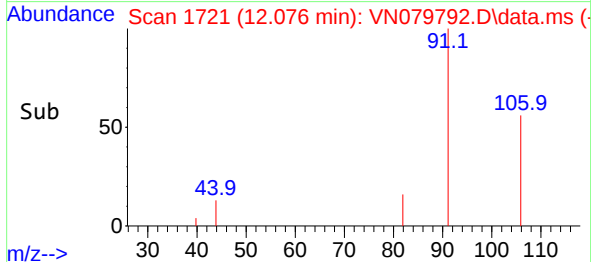
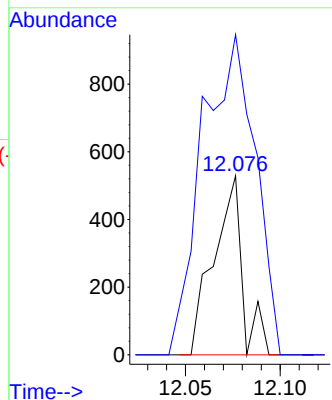
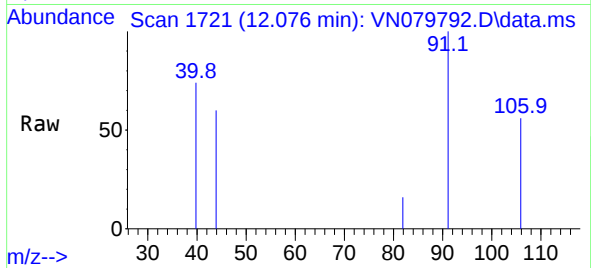




#68
m/p-Xylenes
Concen: 0.093 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

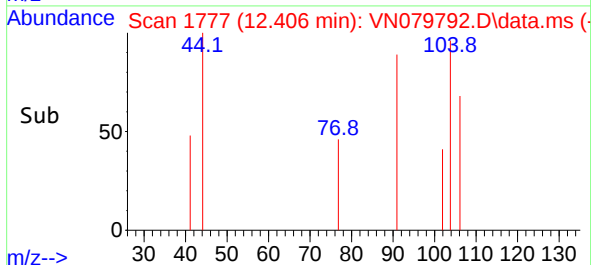
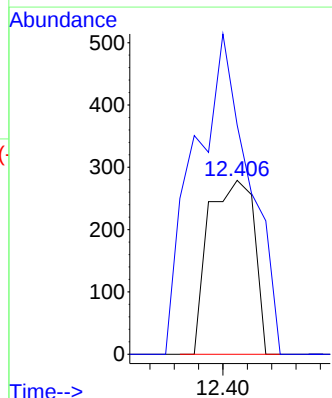
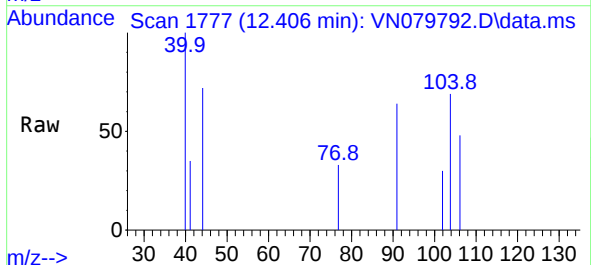
Instrument :
MSVOA_N
ClientSampleId :

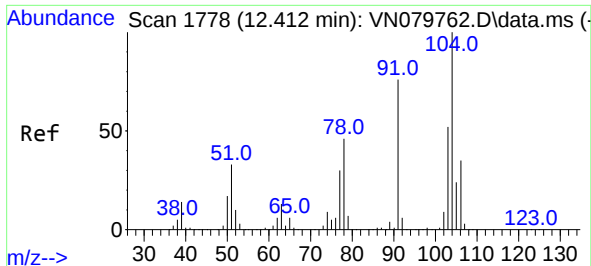
Tgt Ion:106 Resp: 559
Ion Ratio Lower Upper
106 100
91 327.9 159.6 239.4#



#69
o-Xylene
Concen: 0.063 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion:106 Resp: 362
Ion Ratio Lower Upper
106 100
91 222.1 105.2 315.5

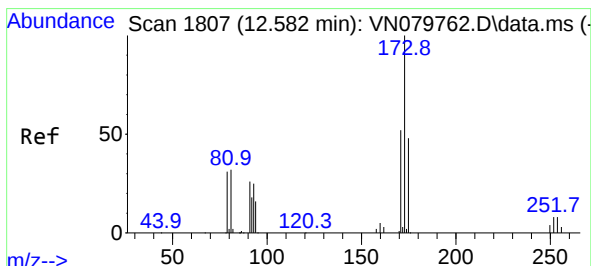
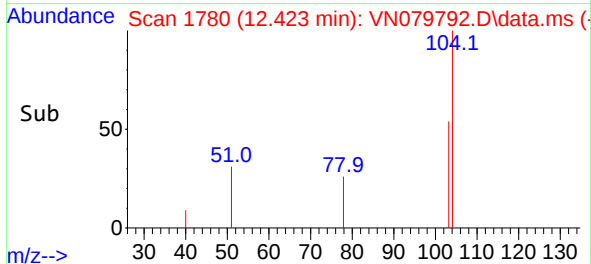
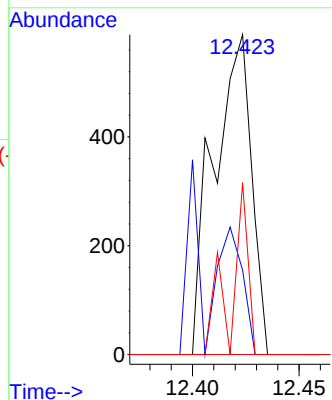
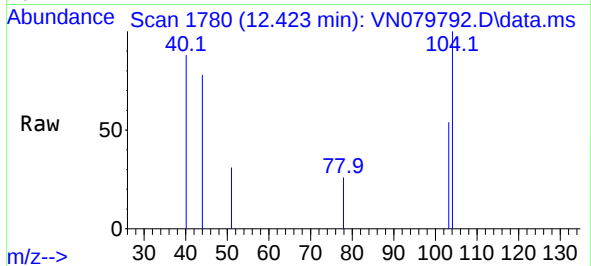




#70
Styrene
Concen: 0.078 ug/l
RT: 12.423 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

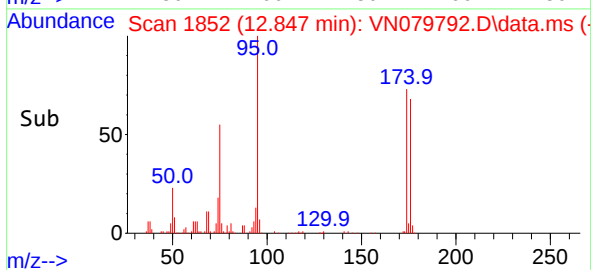
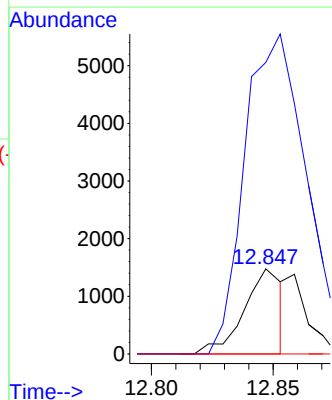
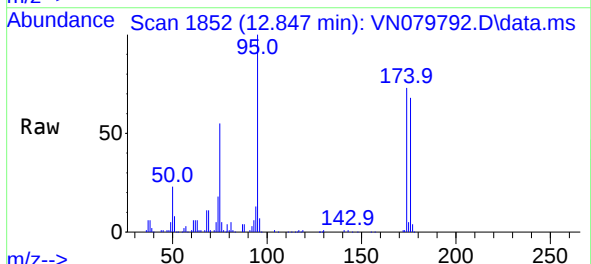
Instrument :
MSVOA_N
ClientSampleId :

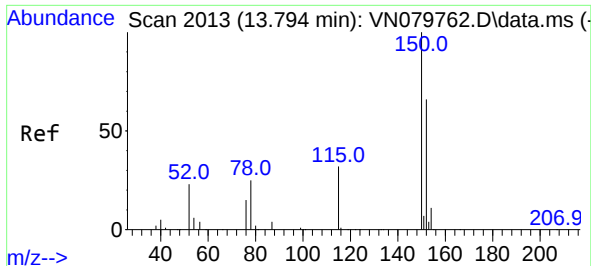
Tgt Ion:104 Resp: 726
Ion Ratio Lower Upper
104 100
78 26.9 39.5 59.3#
103 24.5 43.2 64.8#



#71
Bromoform
Concen: 0.688 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

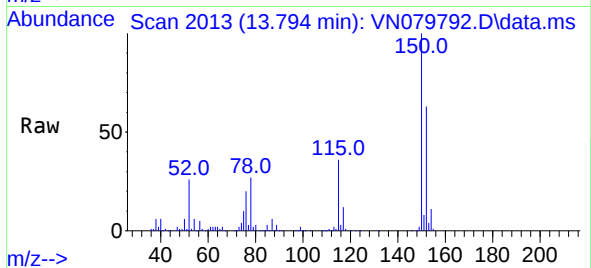
Tgt Ion:173 Resp: 1625
Ion Ratio Lower Upper
173 100
175 484.9 24.3 73.0#
254 0.0 0.0 0.0



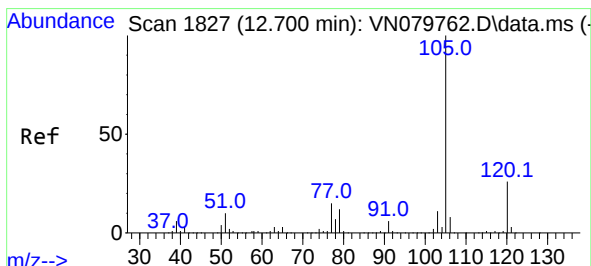
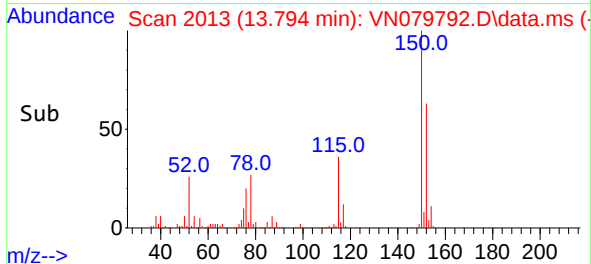
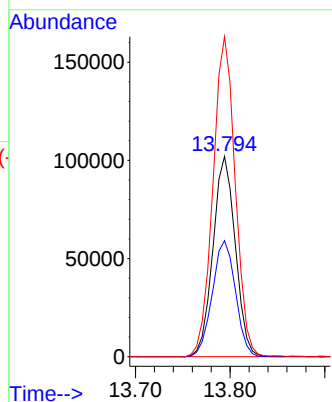


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

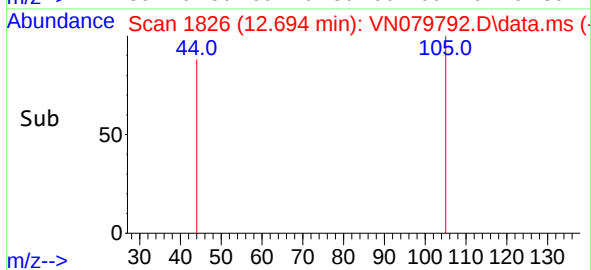
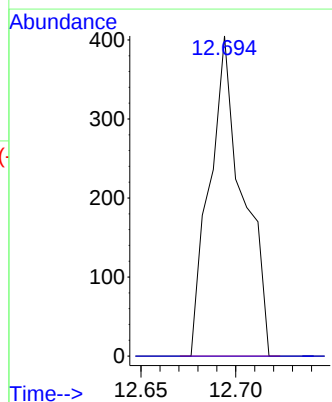
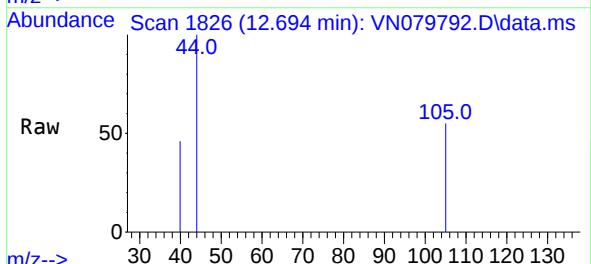


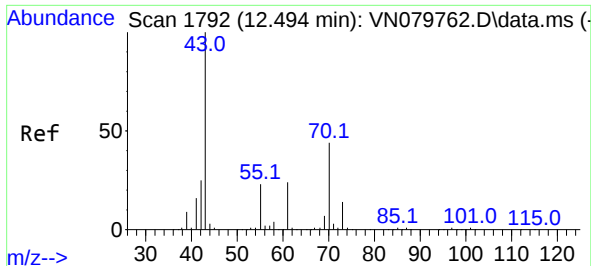
Tgt Ion:152 Resp: 167511
Ion Ratio Lower Upper
152 100
115 60.0 32.3 96.8
150 159.3 0.0 355.8



#73
Isopropylbenzene
Concen: 0.039 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

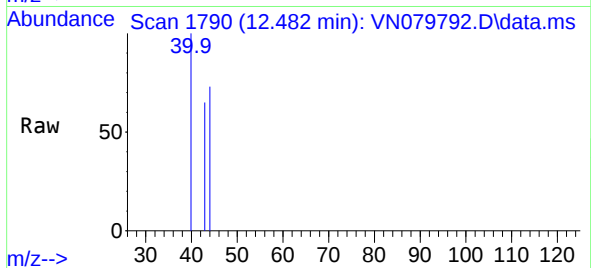
Tgt Ion:105 Resp: 494
Ion Ratio Lower Upper
105 100
120 0.0 13.1 39.1#



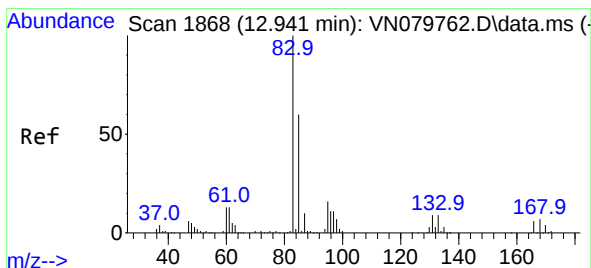
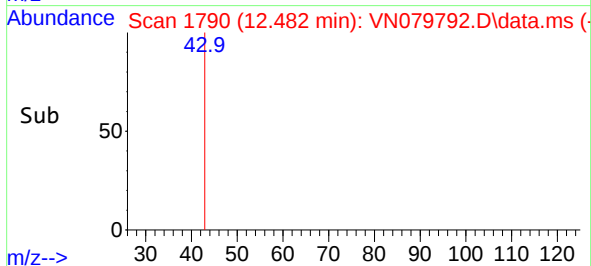
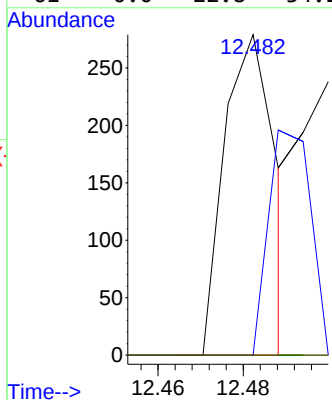


#74
N-amy1 acetate
Concen: 0.042 ug/l
RT: 12.482 min Scan# 1792
Delta R.T. -0.012 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

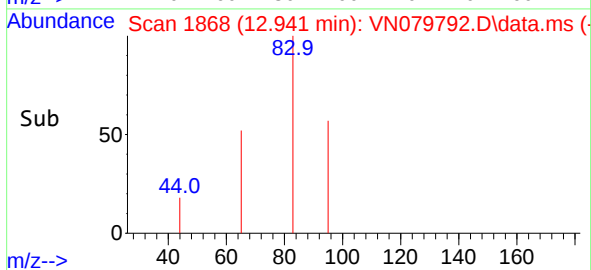
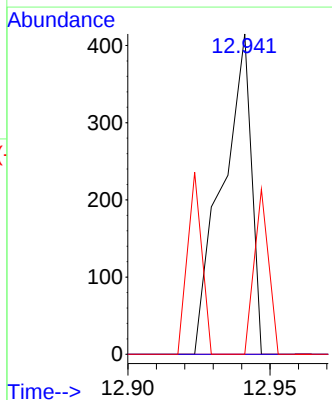
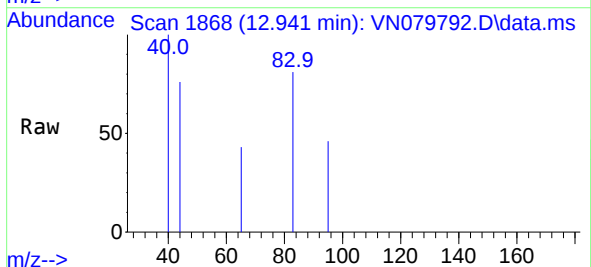


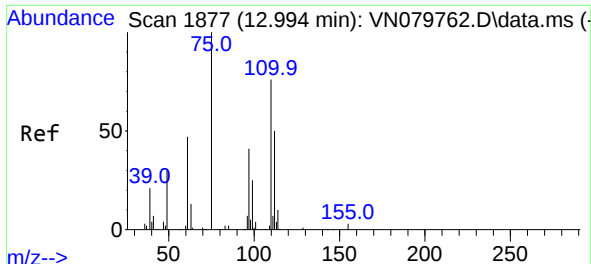
Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
70 57.9 43.4 65.2
55 0.0 21.4 32.0#
61 0.0 22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.066 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion: 83 Resp: 296
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 25.7 31.9 95.7#

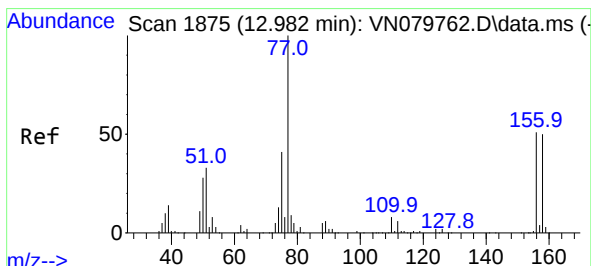
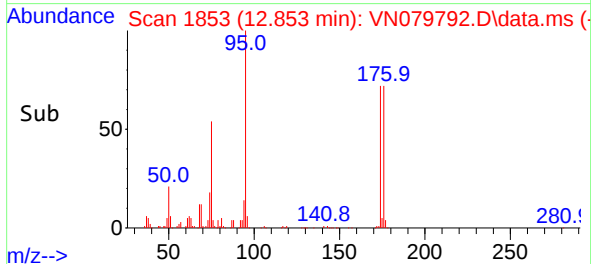
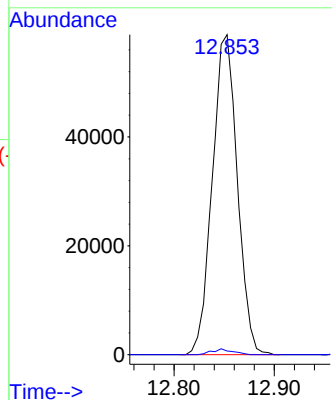
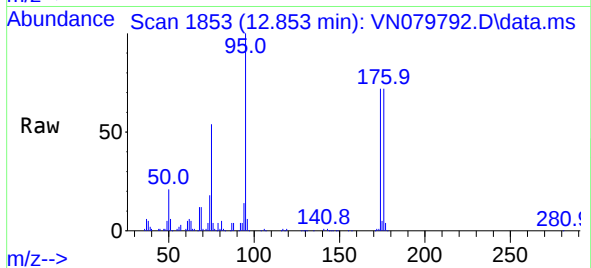




#76
1,2,3-Trichloropropane
Concen: 25.892 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

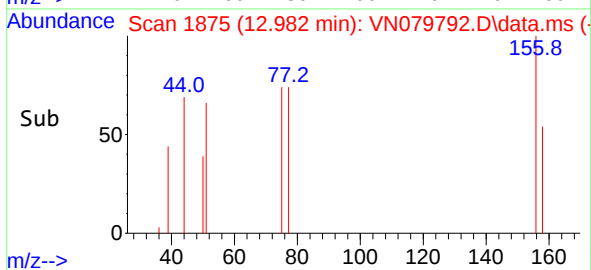
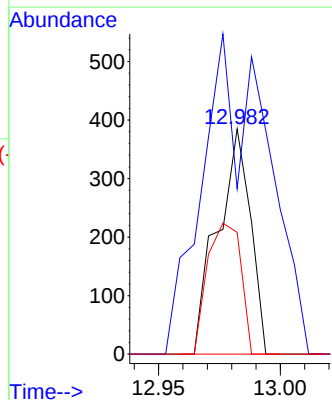
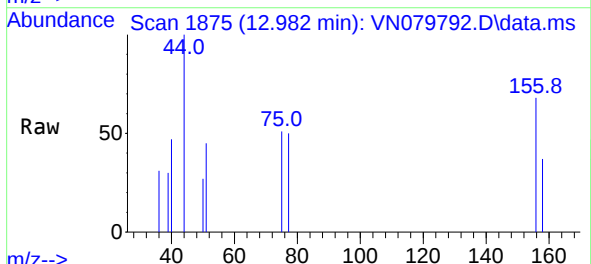
Instrument :
MSVOA_N
ClientSampleId :

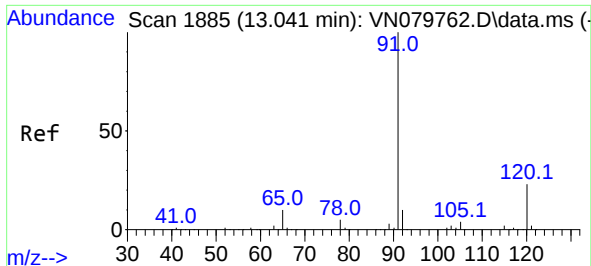
Tgt Ion: 75 Resp: 101826
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#77
Bromobenzene
Concen: 0.116 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion:156 Resp: 362
Ion Ratio Lower Upper
156 100
77 151.7 107.7 323.3
158 58.8 48.4 145.3

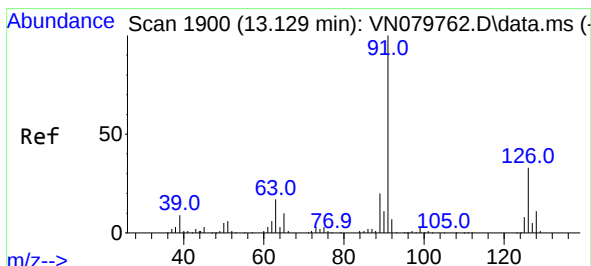
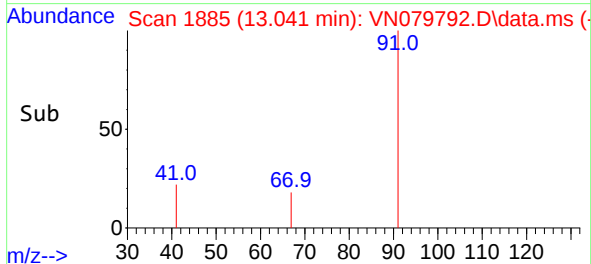
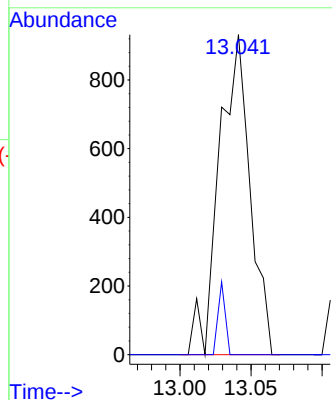
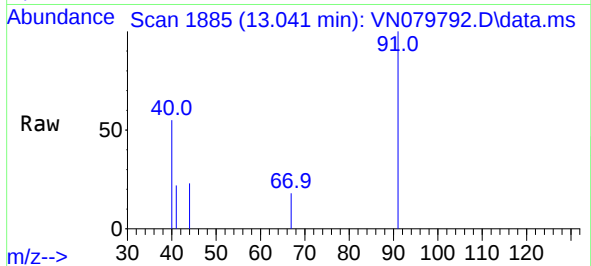




#78
n-propylbenzene
Concen: 0.097 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

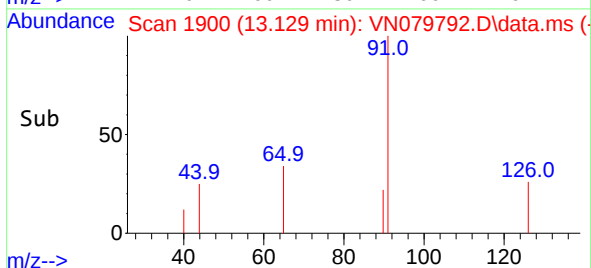
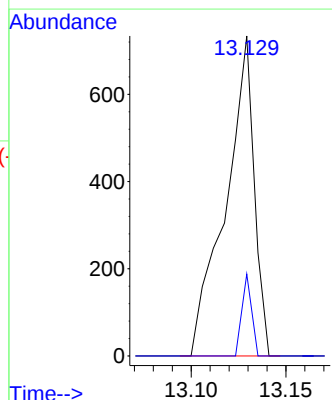
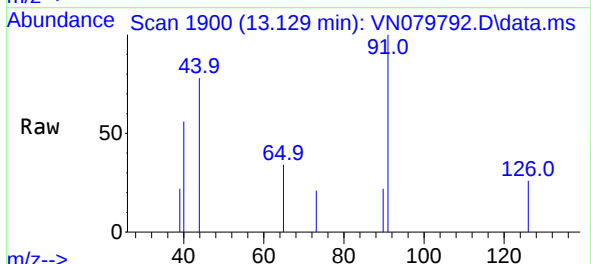
Instrument :
MSVOA_N
ClientSampleId :

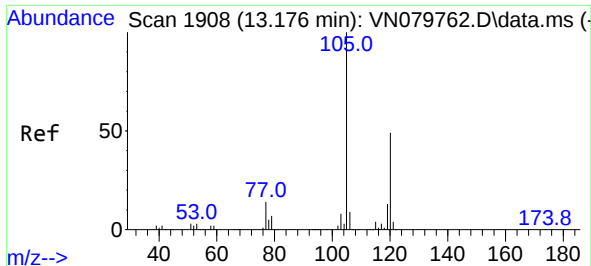
Tgt Ion: 91 Resp: 1409
Ion Ratio Lower Upper
91 100
120 5.3 11.5 34.4#



#79
2-Chlorotoluene
Concen: 0.083 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion: 91 Resp: 769
Ion Ratio Lower Upper
91 100
126 8.6 16.3 48.8#

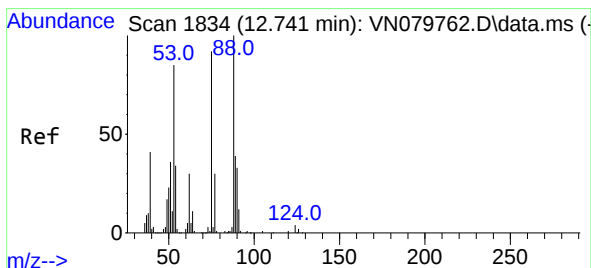
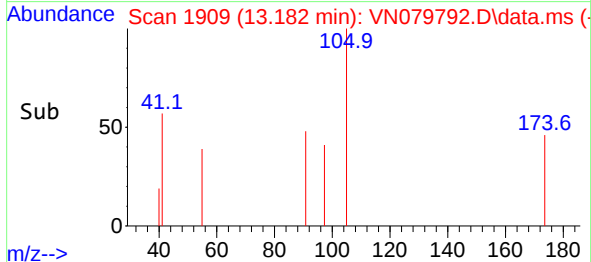
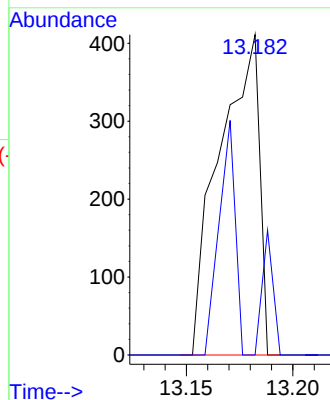
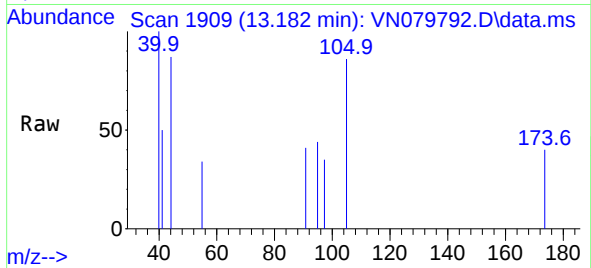




#80
1,3,5-Trimethylbenzene
Concen: 0.054 ug/l
RT: 13.182 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

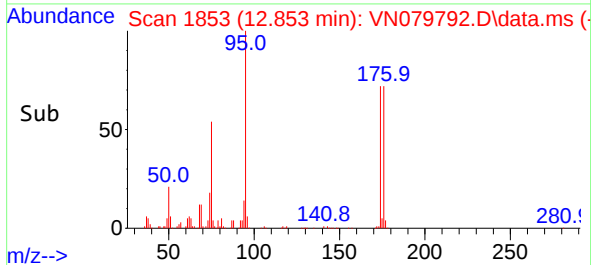
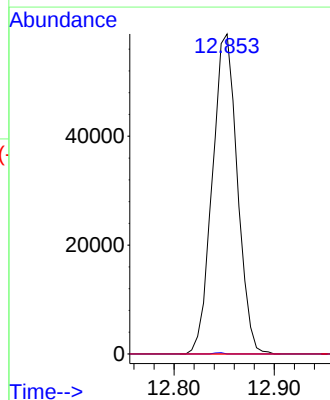
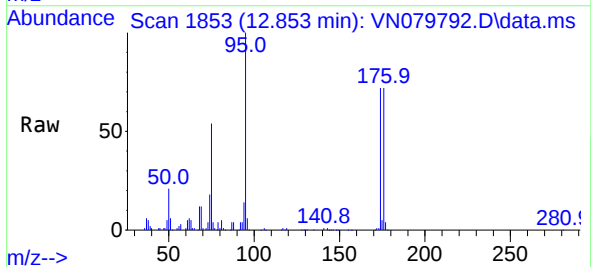
Instrument :
MSVOA_N
ClientSampleId :

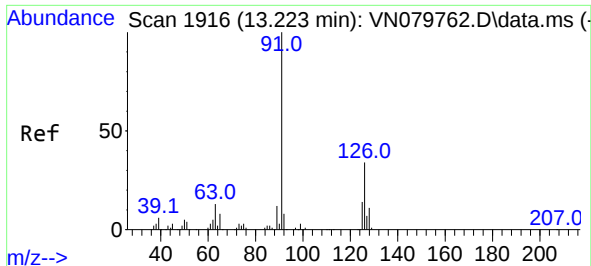
Tgt Ion:105 Resp: 535
Ion Ratio Lower Upper
105 100
120 10.5 24.1 72.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.447 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

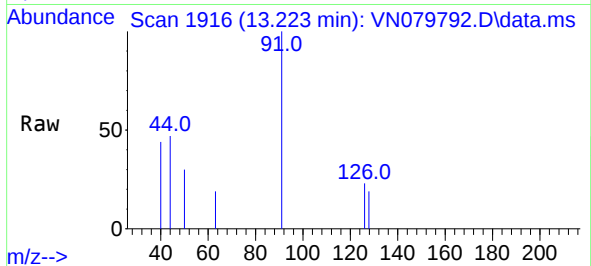
Tgt Ion: 75 Resp: 101826
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#



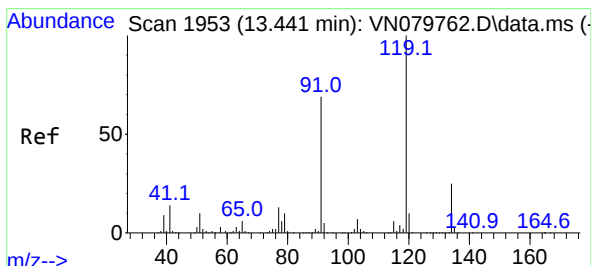
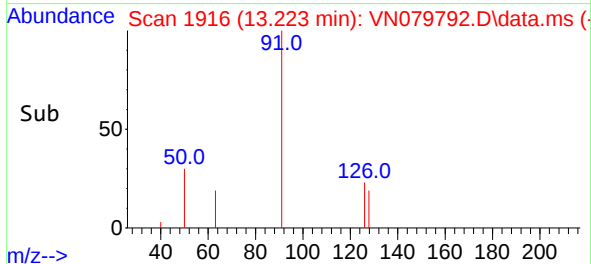
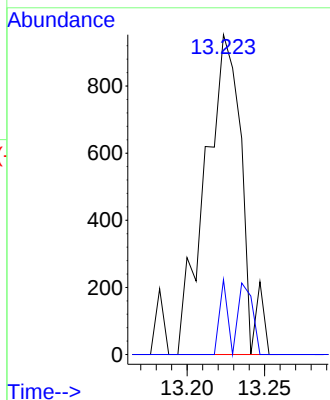


#82
4-Chlorotoluene
Concen: 0.169 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

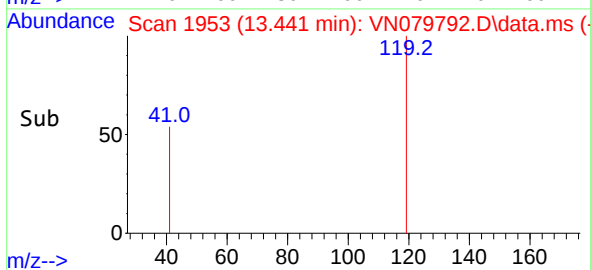
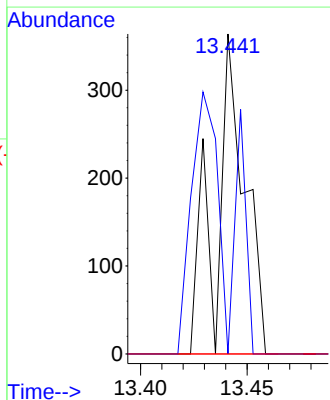
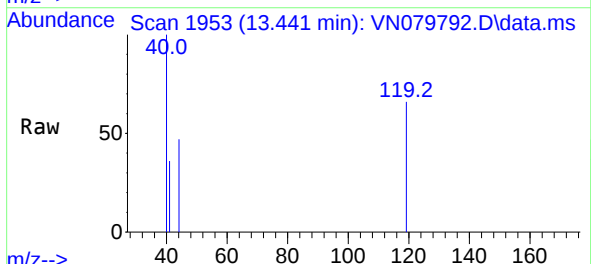


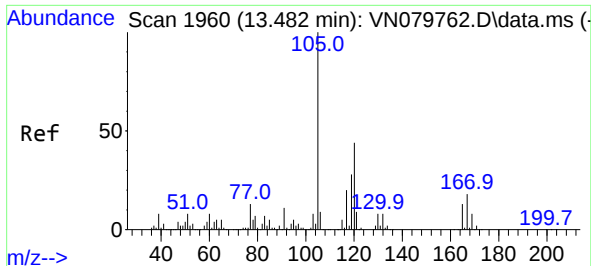
Tgt Ion: 91 Resp: 1558
Ion Ratio Lower Upper
91 100
126 5.1 16.7 50.0#



#83
tert-Butylbenzene
Concen: 0.043 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion: 119 Resp: 345
Ion Ratio Lower Upper
119 100
91 73.6 33.9 101.7
134 0.0 13.2 39.6#

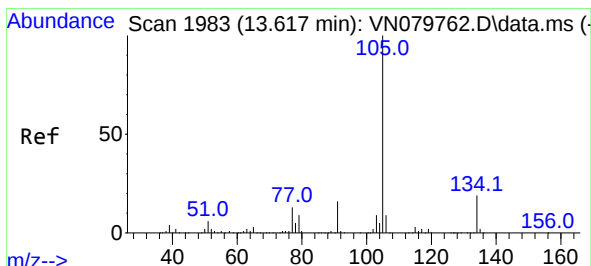
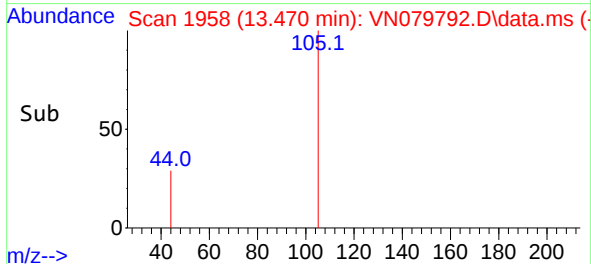
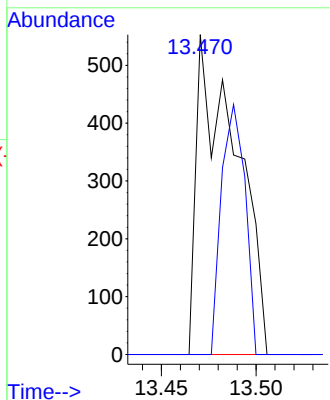
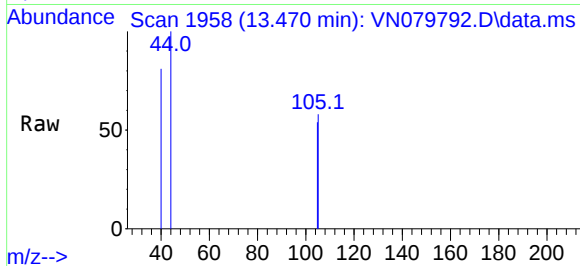




#84
1,2,4-Trimethylbenzene
Concen: 0.083 ug/l
RT: 13.470 min Scan# 1960
Delta R.T. -0.012 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

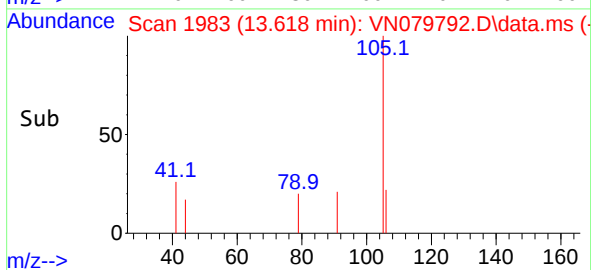
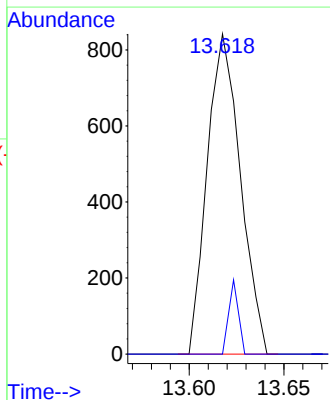
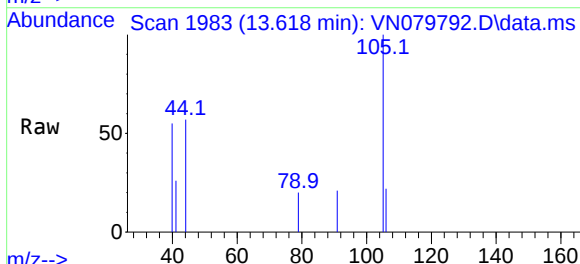
Instrument :
MSVOA_N
ClientSampleId :

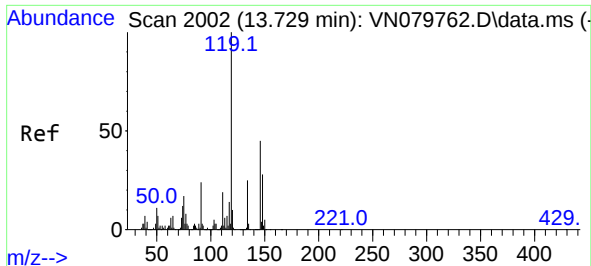
Tgt Ion:105 Resp: 804
Ion Ratio Lower Upper
105 100
120 46.6 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.091 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion:105 Resp: 1025
Ion Ratio Lower Upper
105 100
134 6.7 9.8 29.3#



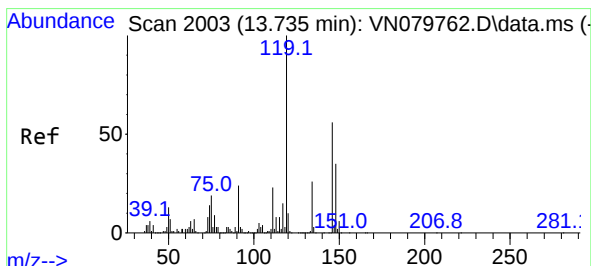
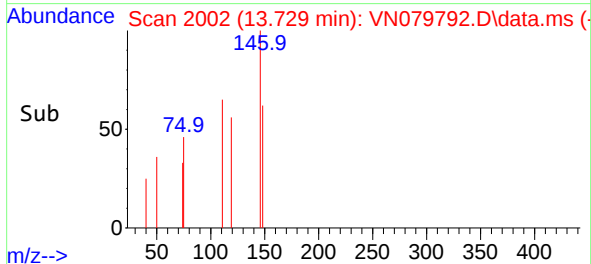
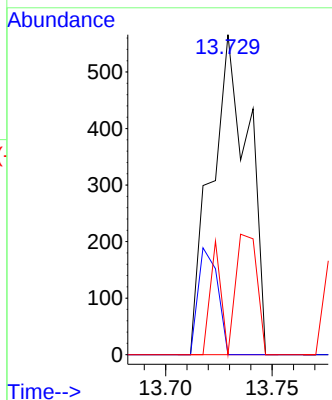
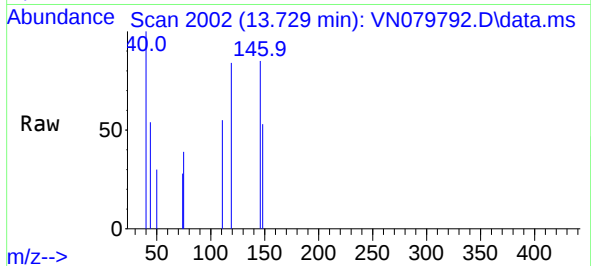


#86
p-Isopropyltoluene
Concen: 0.075 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 689

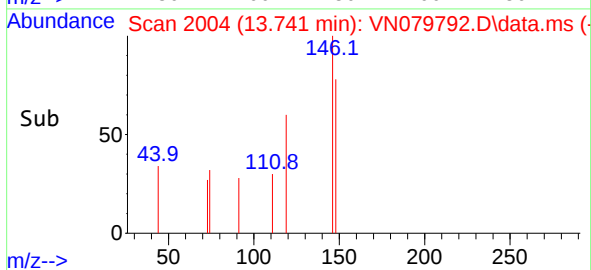
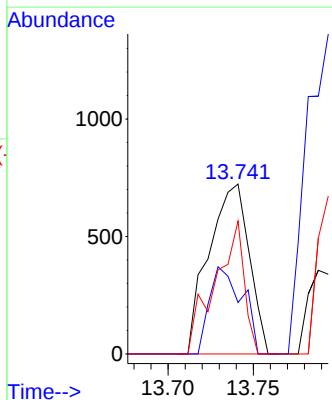
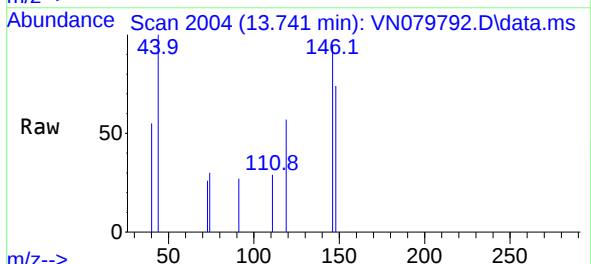
Ion	Ratio	Lower	Upper
119	100		
134	17.4	12.6	37.8
91	31.6	12.4	37.2

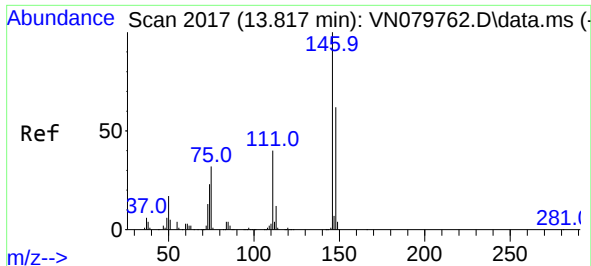


#87
1,3-Dichlorobenzene
Concen: 0.206 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion:146 Resp: 1194

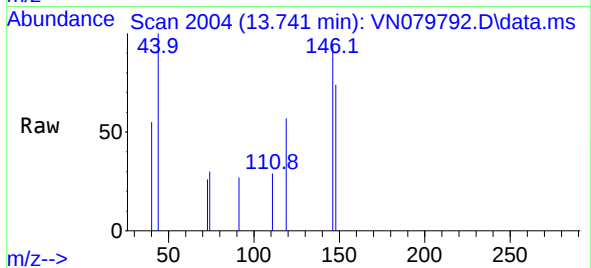
Ion	Ratio	Lower	Upper
146	100		
111	41.5	22.1	66.3
148	56.2	32.0	96.0



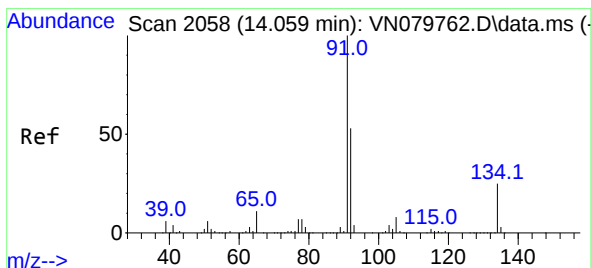
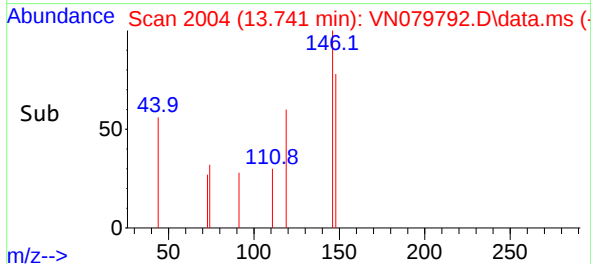
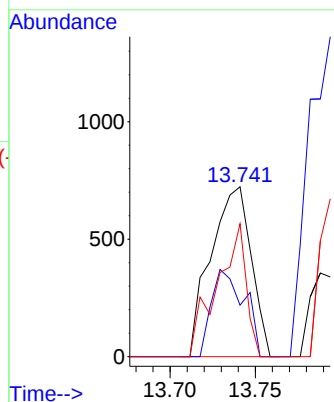


#88
1,4-Dichlorobenzene
Concen: 0.203 ug/l
RT: 13.741 min Scan# 2017
Delta R.T. -0.076 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

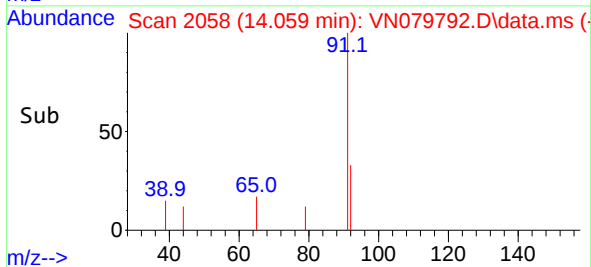
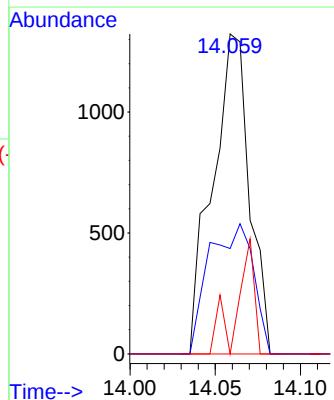
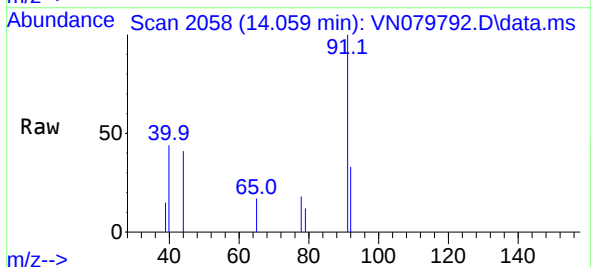


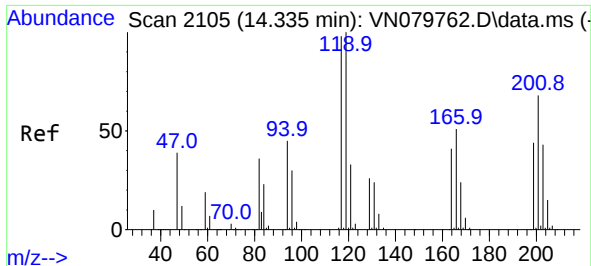
Tgt Ion:146 Resp: 1194
Ion Ratio Lower Upper
146 100
111 41.5 20.6 61.8
148 56.2 31.6 94.8



#89
n-Butylbenzene
Concen: 0.253 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

Tgt Ion: 91 Resp: 1993
Ion Ratio Lower Upper
91 100
92 48.5 26.4 79.0
134 17.1 12.6 37.6

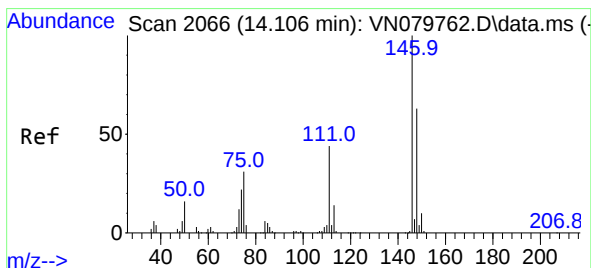
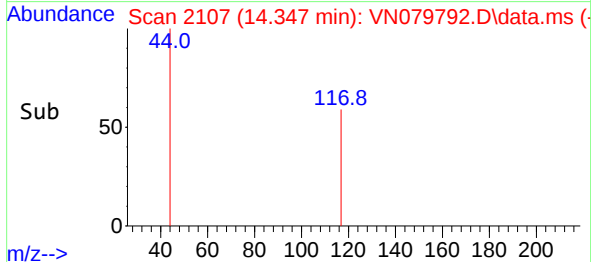
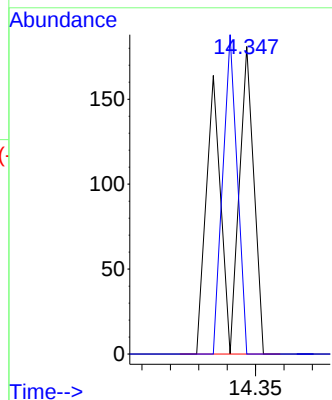
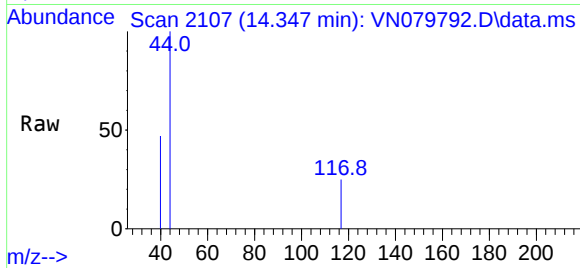




#90
Hexachloroethane
Concen: 0.067 ug/l
RT: 14.347 min Scan# 2105
Delta R.T. 0.012 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

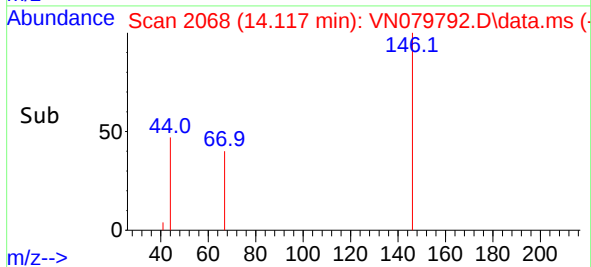
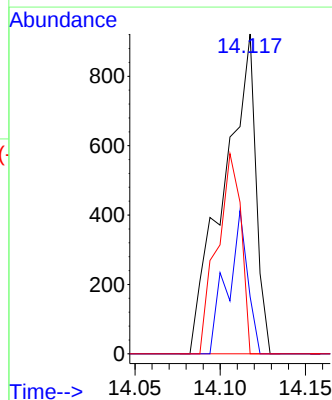
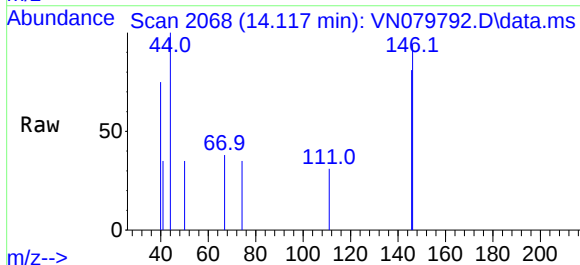
Instrument :
MSVOA_N
ClientSampleId :

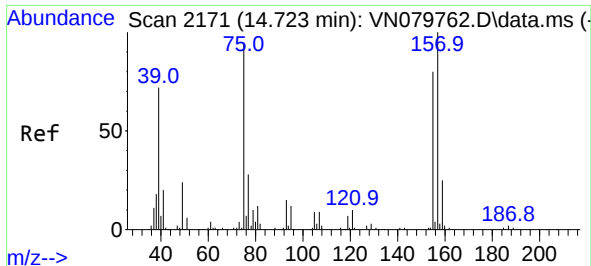
Tgt Ion:117 Resp: 122
Ion Ratio Lower Upper
117 100
201 54.1 29.3 88.0



#91
1,2-Dichlorobenzene
Concen: 0.220 ug/l
RT: 14.117 min Scan# 2068
Delta R.T. 0.012 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

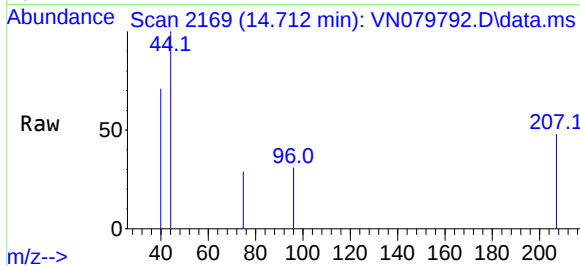
Tgt Ion:146 Resp: 1202
Ion Ratio Lower Upper
146 100
111 28.4 22.0 66.0
148 46.9 31.8 95.3



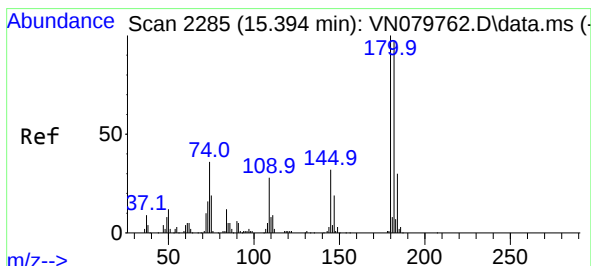
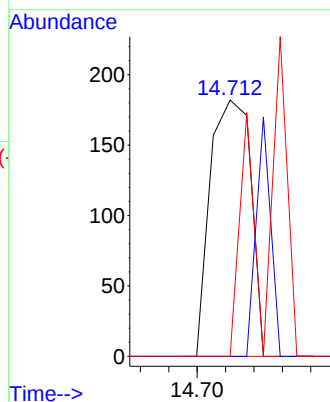
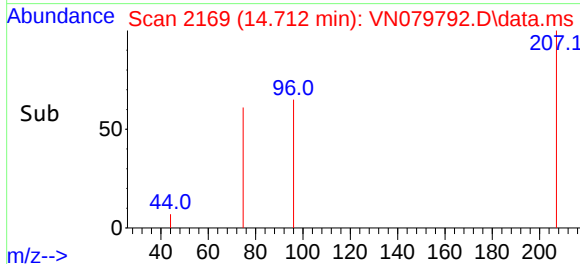


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.235 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.012 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

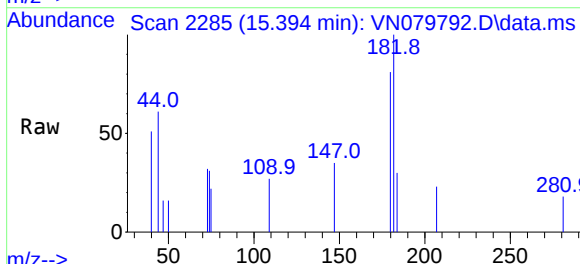
Instrument :
MSVOA_N
ClientSampleId :



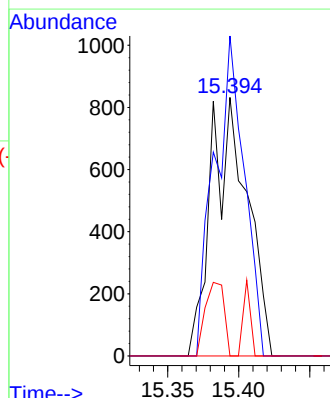
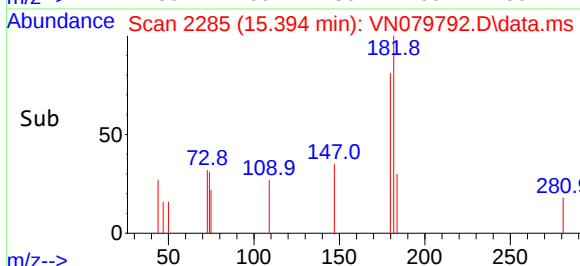
Tgt Ion: 75 Resp: 180
Ion Ratio Lower Upper
75 100
155 33.3 39.1 117.2#
157 33.9 50.3 150.9#

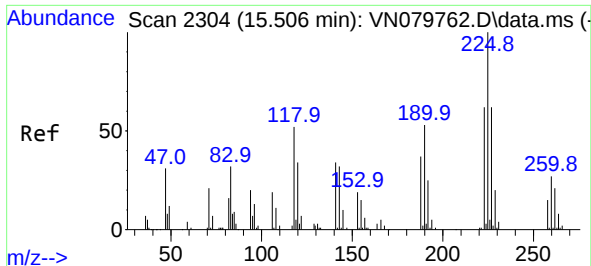


#93
1,2,4-Trichlorobenzene
Concen: 0.571 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12



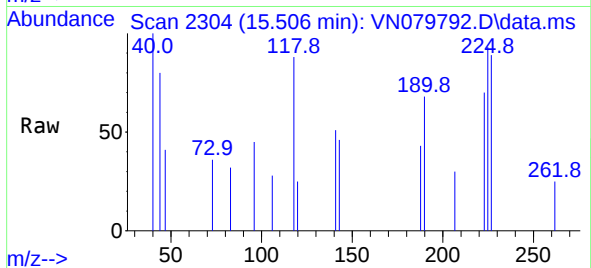
Tgt Ion: 180 Resp: 1484
Ion Ratio Lower Upper
180 100
182 101.2 46.1 138.2
145 5.8 16.6 49.8#



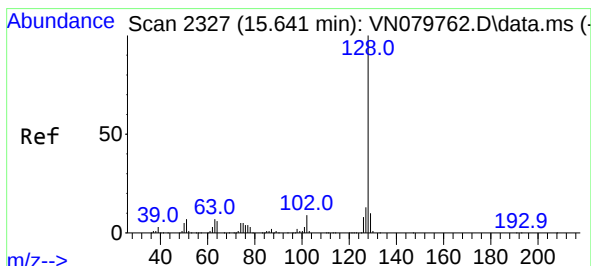
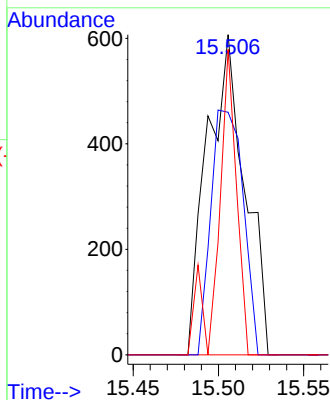
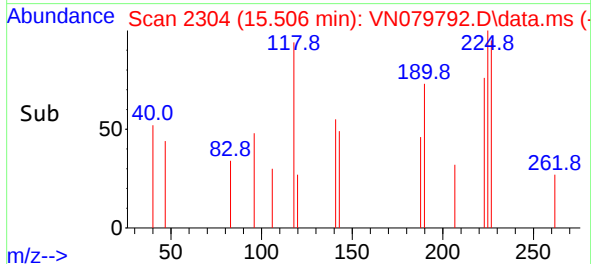


#94
Hexachlorobutadiene
Concen: 0.796 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12

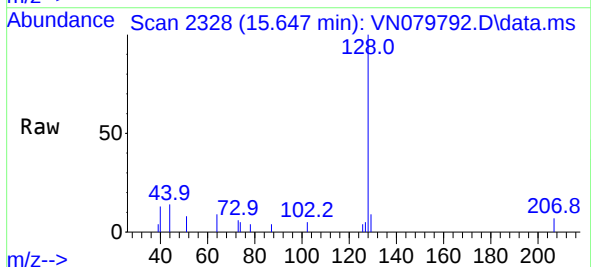
Instrument :
MSVOA_N
ClientSampleId :



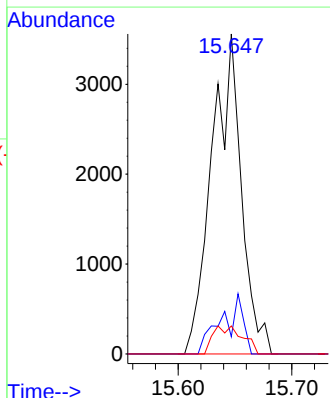
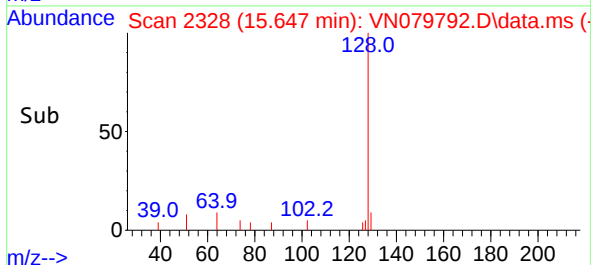
Tgt Ion:225 Resp: 938
Ion Ratio Lower Upper
225 100
223 65.0 31.3 93.8
227 46.4 31.9 95.9

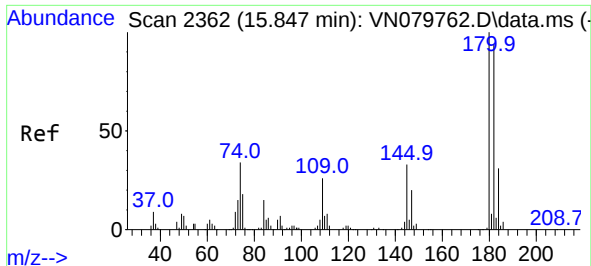


#95
Naphthalene
Concen: 0.729 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN079792.D
Acq: 02 Nov 2023 13:12



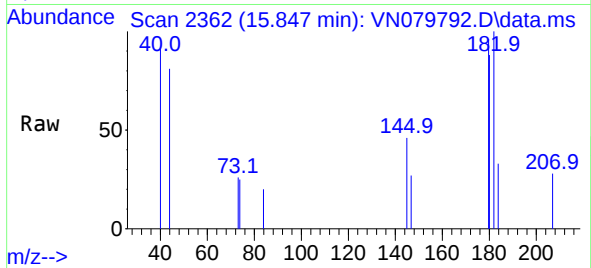
Tgt Ion:128 Resp: 6423
Ion Ratio Lower Upper
128 100
127 13.7 10.0 15.0
129 8.7 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.782 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN079792.D
 Acq: 02 Nov 2023 13:12

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1993
Ion	Ratio	Lower	Upper
180	100		
182	86.8	46.2	138.6
145	27.7	17.5	52.6

