

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080098.D
 Acq On : 14 Nov 2023 18:49
 Operator : JC\MD
 Sample : 05382-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-20

Quant Time: Nov 15 04:45:00 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)

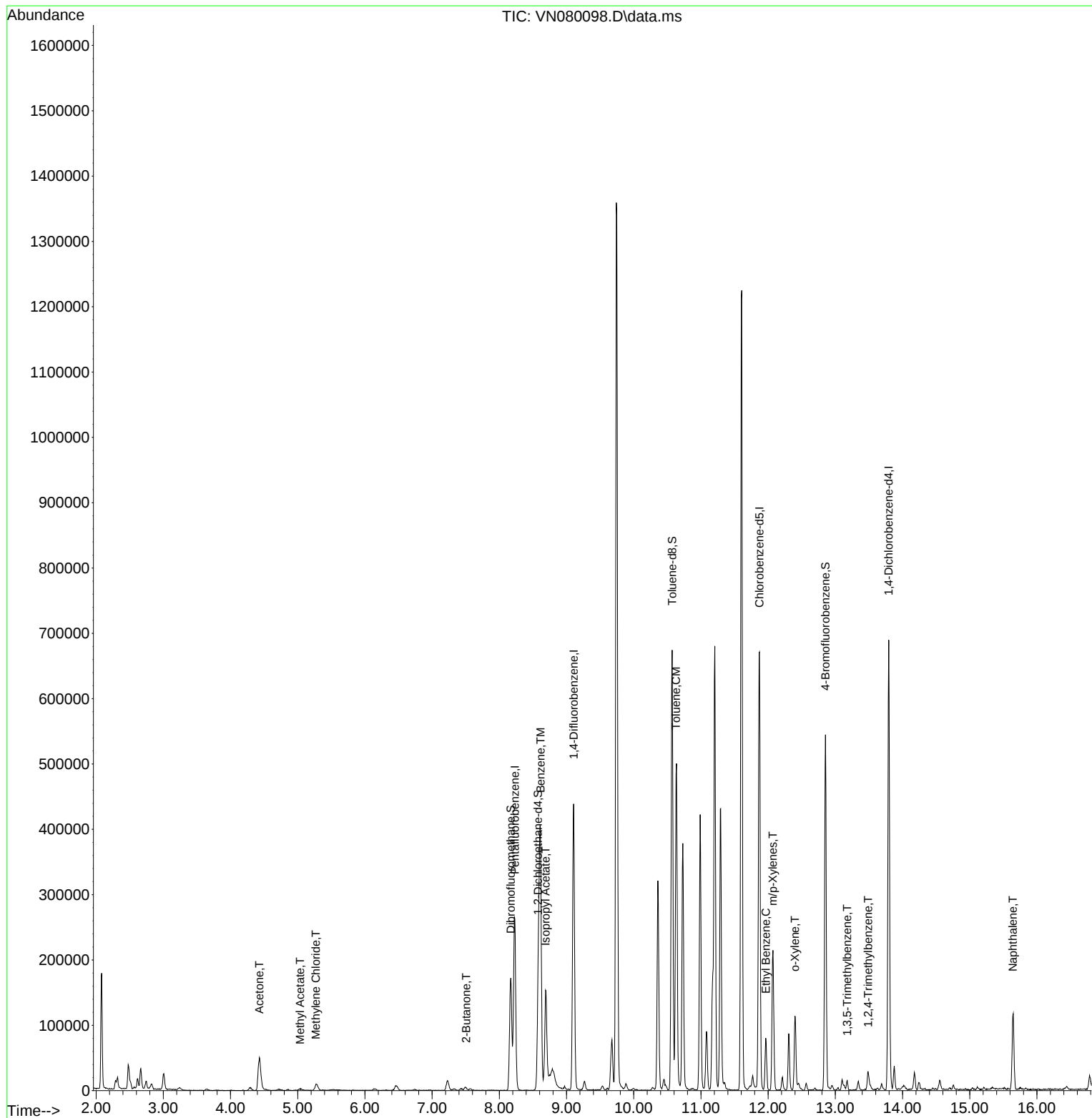
Internal Standards						
1) Pentafluorobenzene	8.230	168	183004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	351998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	387664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	179007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159089	57.059	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	114.120%	
35) Dibromofluoromethane	8.171	113	120981	48.561	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.120%	
50) Toluene-d8	10.571	98	454738	49.582	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.160%	
62) 4-Bromofluorobenzene	12.853	95	187013	61.483	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	122.960%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	93645	95.619	ug/l	97
18) Methyl Acetate	5.036	43	5546	1.184	ug/l #	79
20) Methylene Chloride	5.271	84	7838	3.172	ug/l #	93
25) 2-Butanone	7.506	43	8798	6.135	ug/l #	69
40) Benzene	8.612	78	380563	35.719	ug/l	98
43) Isopropyl Acetate	8.688	43	173960	30.406	ug/l #	81
52) Toluene	10.630	92	221862	35.126	ug/l	100
67) Ethyl Benzene	11.965	91	46947	3.204	ug/l	96
68) m/p-Xylenes	12.071	106	64319	11.785	ug/l	86
69) o-Xylene	12.400	106	28506	5.424	ug/l	77
80) 1,3,5-Trimethylbenzene	13.176	105	6112	0.578	ug/l	83
84) 1,2,4-Trimethylbenzene	13.488	105	17980	1.729	ug/l	88
95) Naphthalene	15.641	128	107707	11.435	ug/l	99

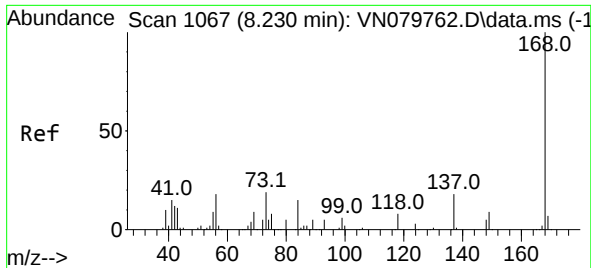
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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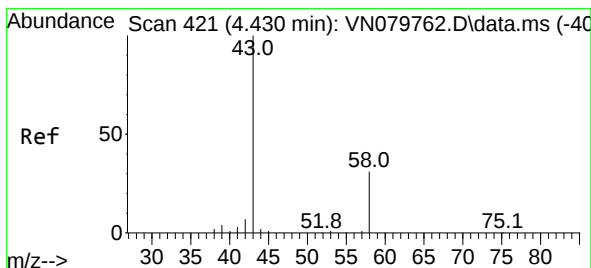
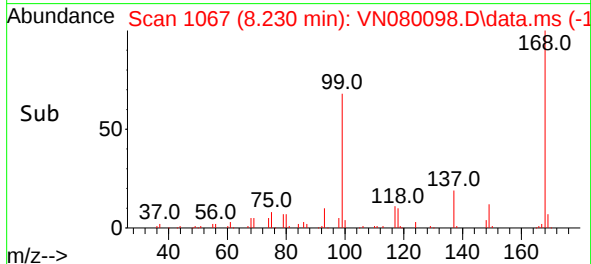
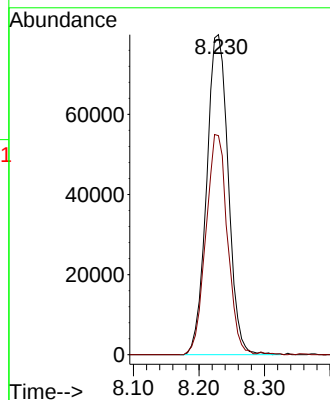
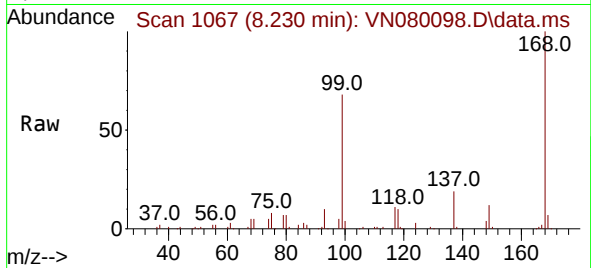




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

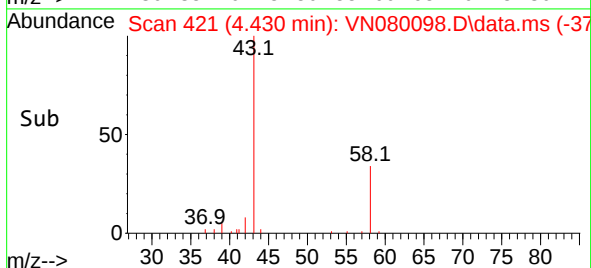
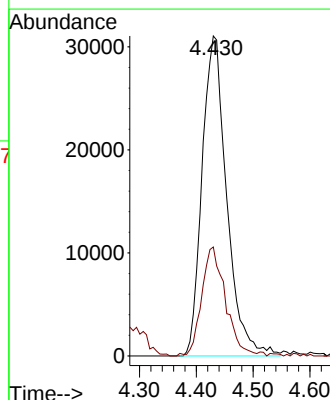
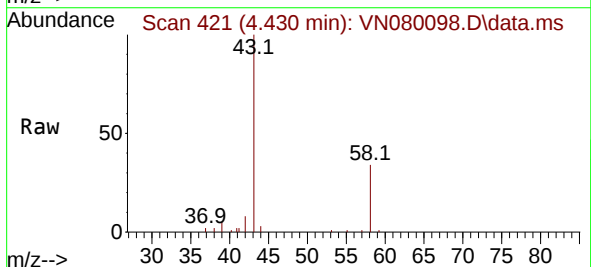
Instrument :
MSVOA_N
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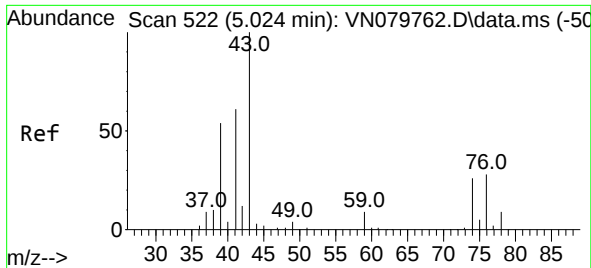
Tgt Ion:168 Resp: 183004
Ion Ratio Lower Upper
168 100
99 68.4 53.0 79.6



#16
Acetone
Concen: 95.619 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

Tgt Ion: 43 Resp: 93645
Ion Ratio Lower Upper
43 100
58 33.5 28.0 42.0

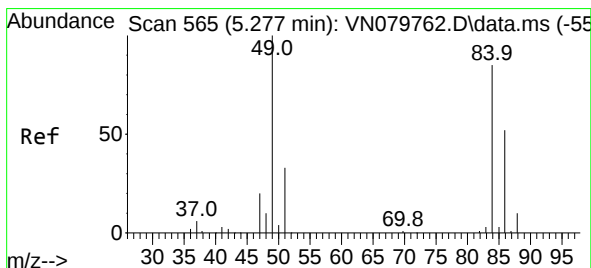
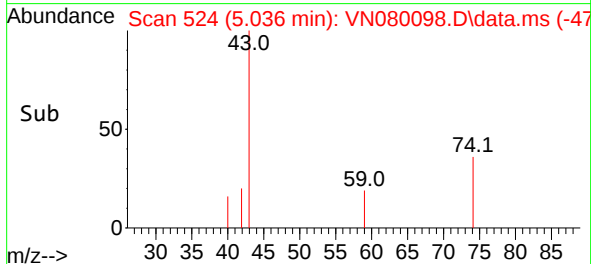
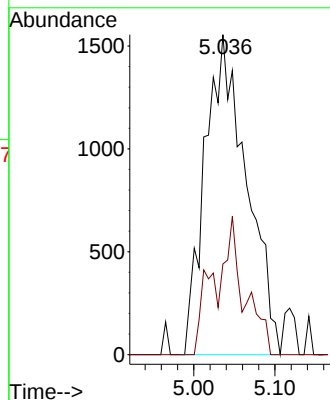
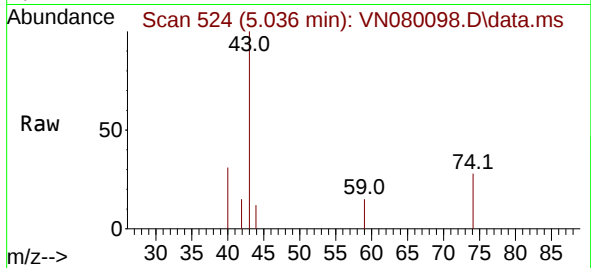




#18
Methyl Acetate
Concen: 1.184 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

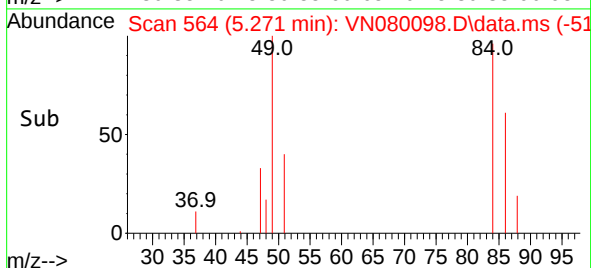
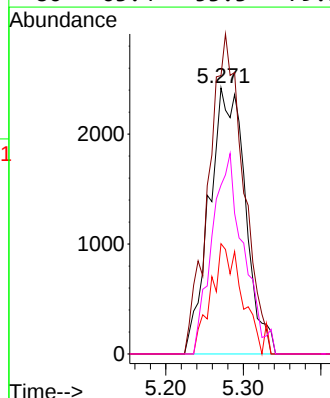
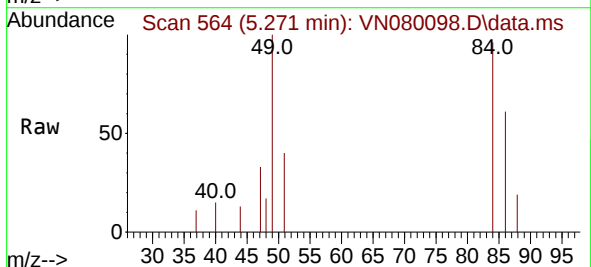
Instrument :
MSVOA_N
ClientSampleId :
S-20

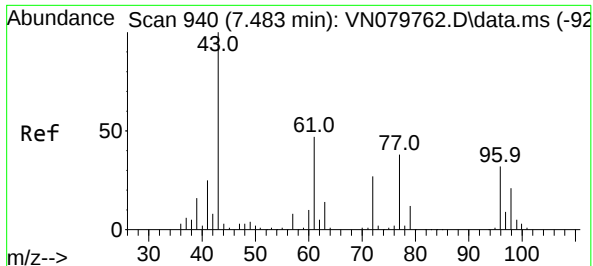
Tgt Ion: 43 Resp: 5546
Ion Ratio Lower Upper
43 100
74 20.9 26.2 39.4#



#20
Methylene Chloride
Concen: 3.172 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

Tgt Ion: 84 Resp: 7838
Ion Ratio Lower Upper
84 100
49 104.6 79.7 119.5
51 41.4 25.2 37.8#
86 63.4 53.3 79.9

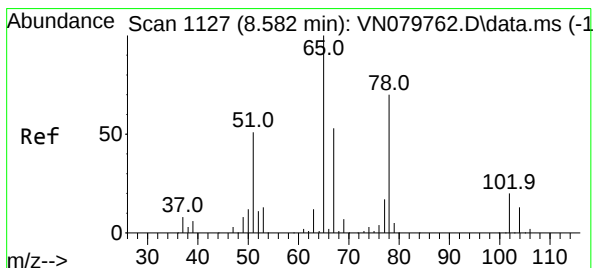
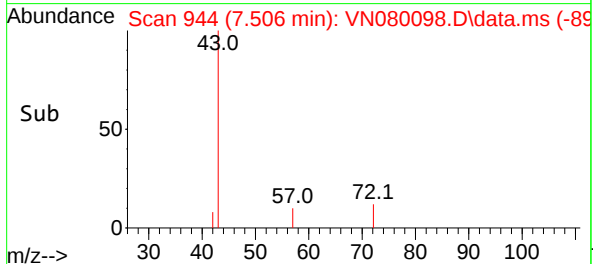
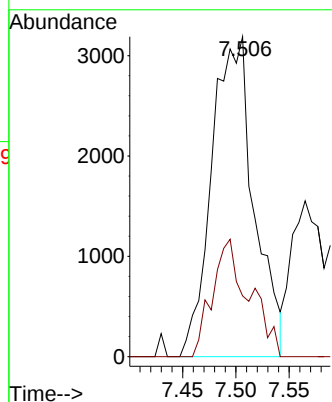
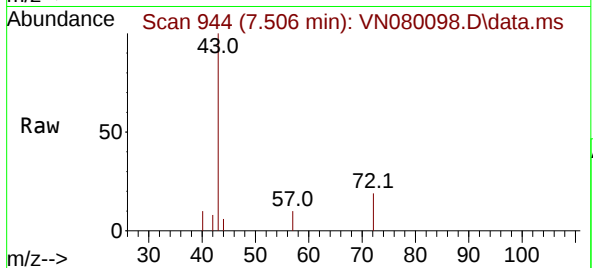




#25
2-Butanone
Concen: 6.135 ug/l
RT: 7.506 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

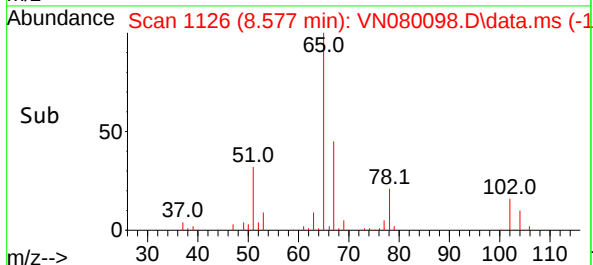
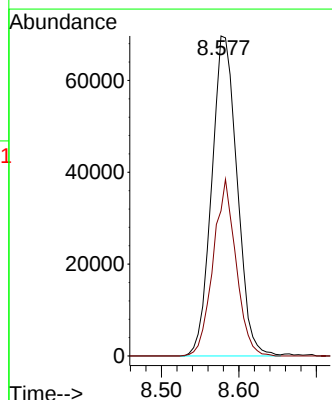
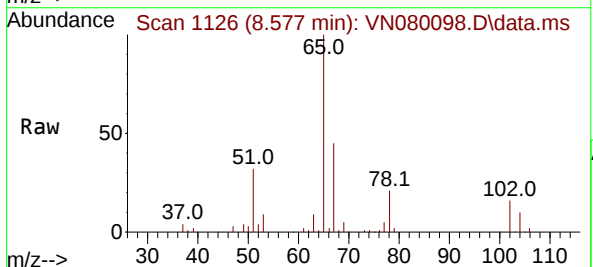
Instrument :
MSVOA_N
ClientSampleId :
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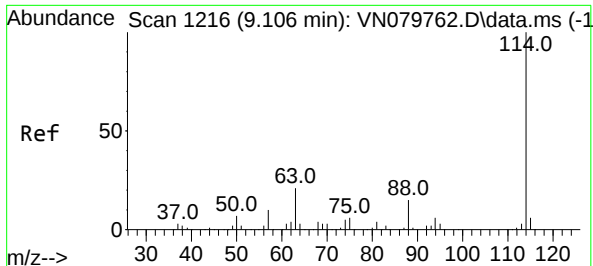
Tgt Ion: 43 Resp: 8798
Ion Ratio Lower Upper
43 100
72 19.0 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 57.059 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

Tgt Ion: 65 Resp: 159089
Ion Ratio Lower Upper
65 100
67 49.6 0.0 106.6

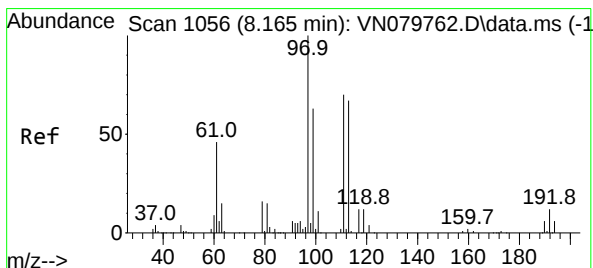
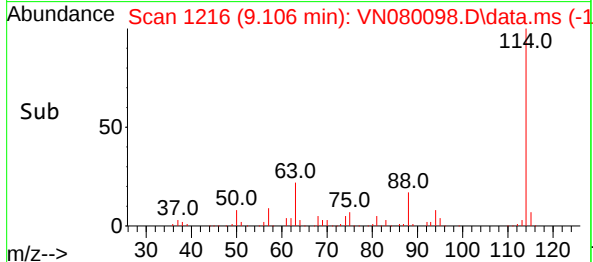
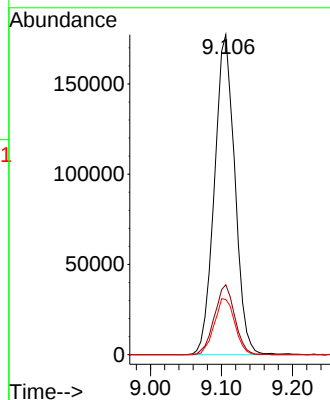
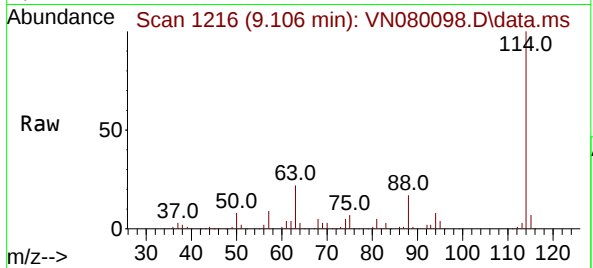




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

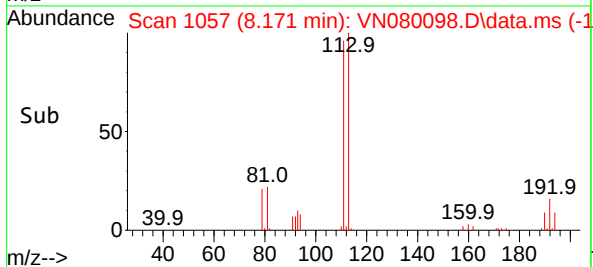
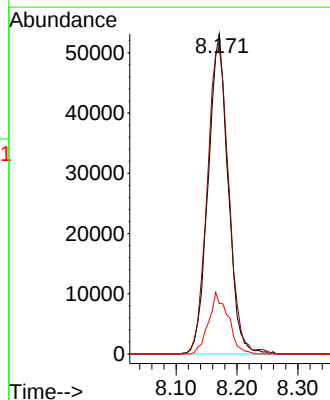
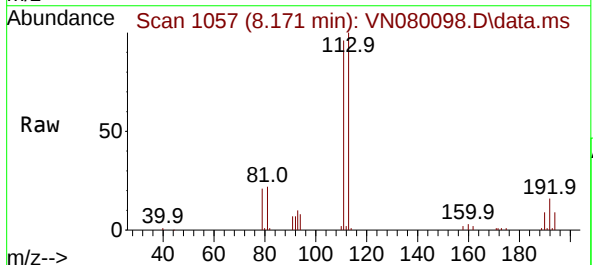
Instrument :
MSVOA_N
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S-20

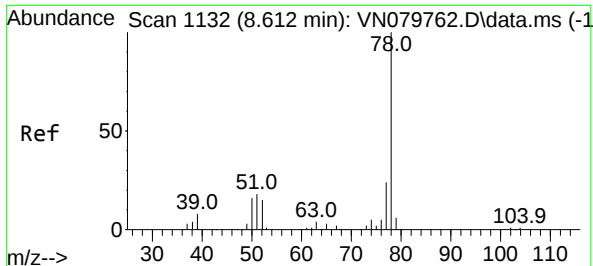
Tgt Ion:114 Resp: 351998
Ion Ratio Lower Upper
114 100
63 21.9 0.0 36.4
88 17.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.561 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

Tgt Ion:113 Resp: 120981
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 18.9 12.7 19.1

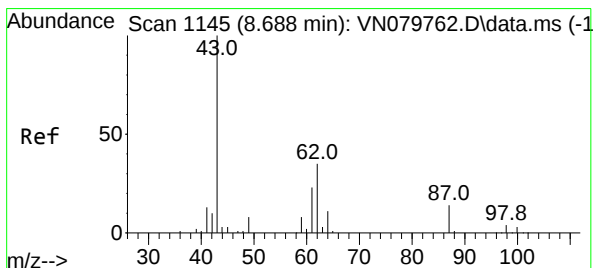
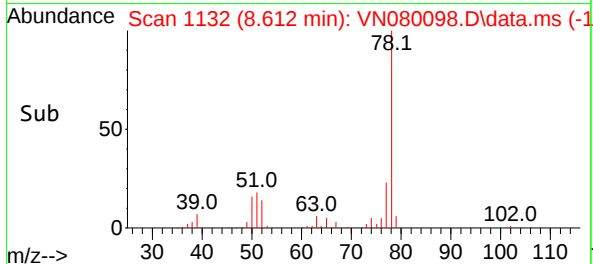
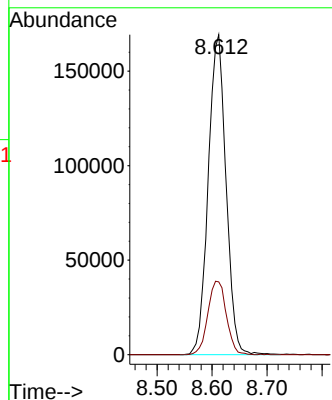
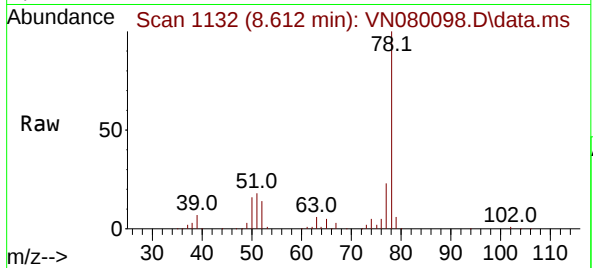




#40
Benzene
Concen: 35.719 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

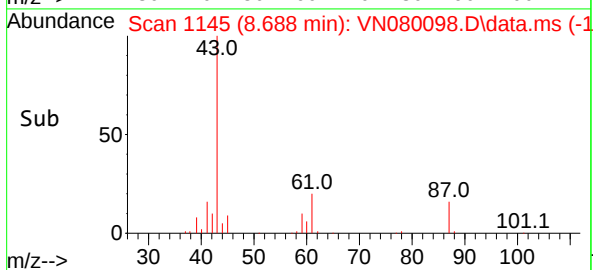
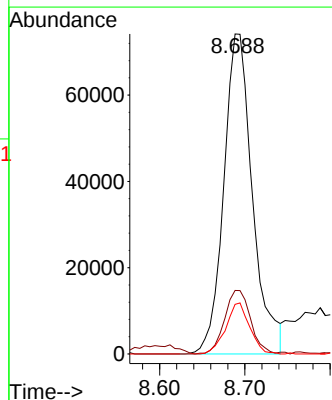
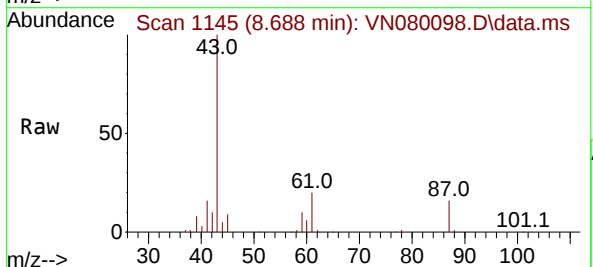
Instrument :
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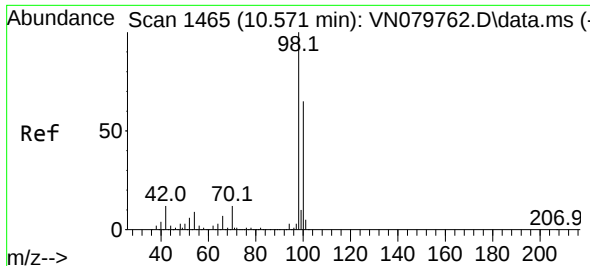
Tgt Ion: 78 Resp: 380563
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6



#43
Isopropyl Acetate
Concen: 30.406 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

Tgt Ion: 43 Resp: 173960
Ion Ratio Lower Upper
43 100
61 18.1 24.7 37.1#
87 13.3 14.6 21.8#

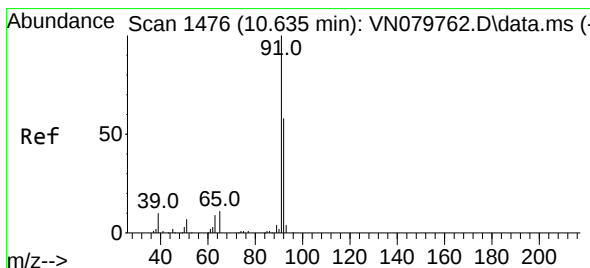
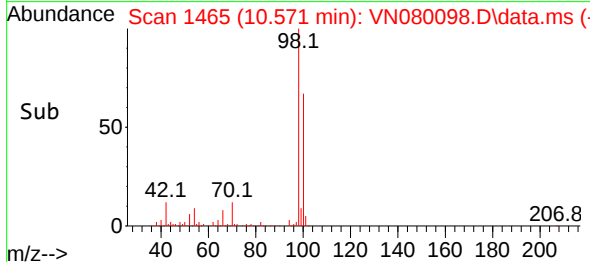
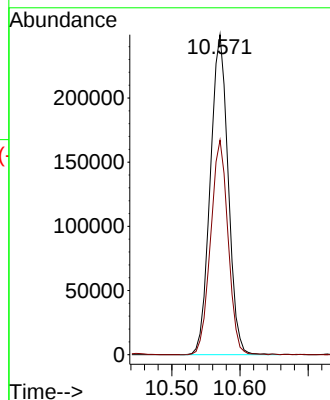
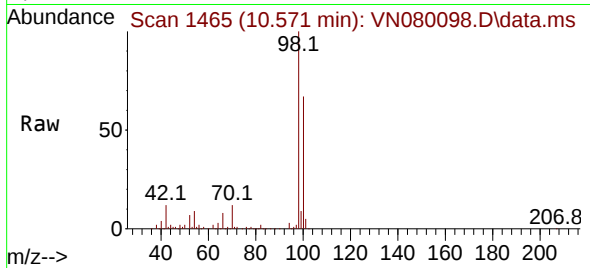




#50
Toluene-d8
Concen: 49.582 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

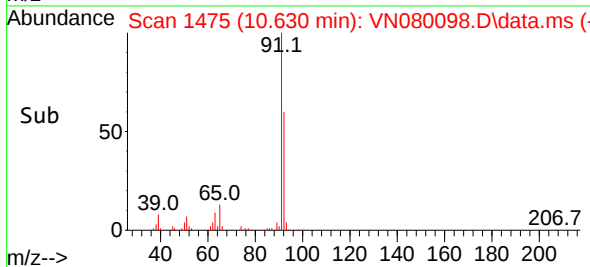
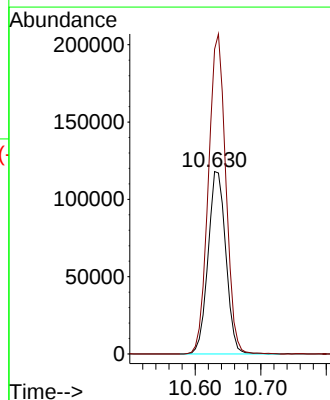
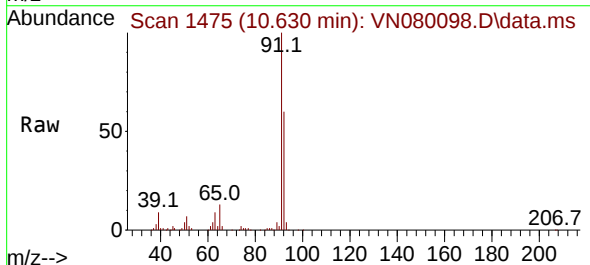
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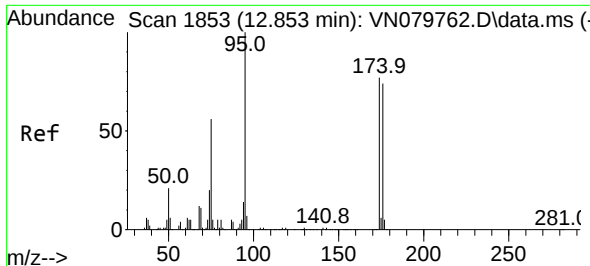
Tgt Ion: 98 Resp: 454738
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#52
Toluene
Concen: 35.126 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

Tgt Ion: 92 Resp: 221862
Ion Ratio Lower Upper
92 100
91 172.1 137.4 206.0

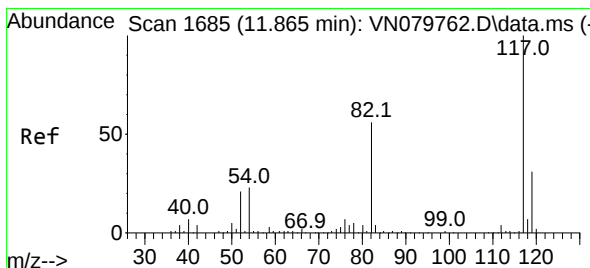
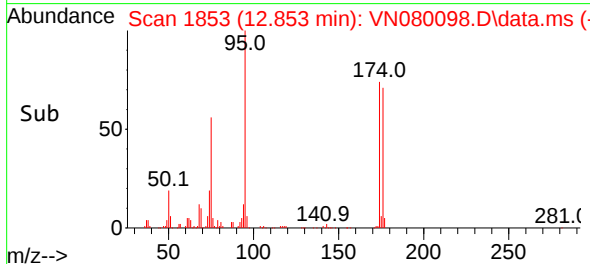
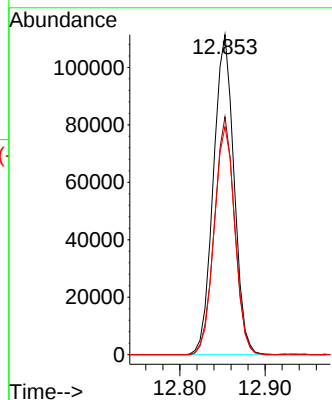
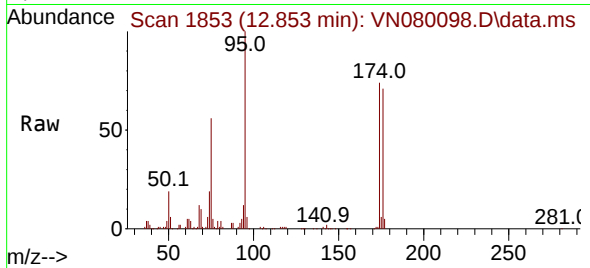




#62
4-Bromofluorobenzene
Concen: 61.483 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

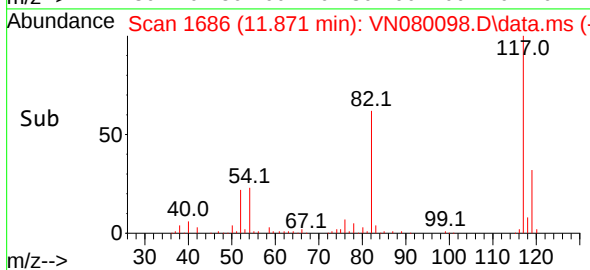
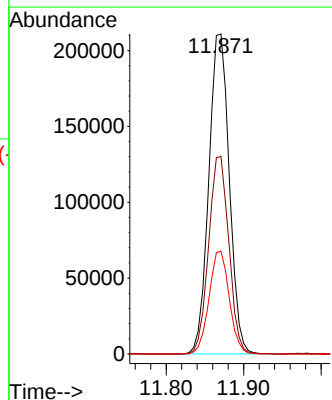
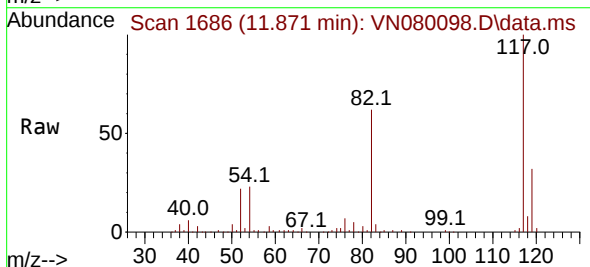
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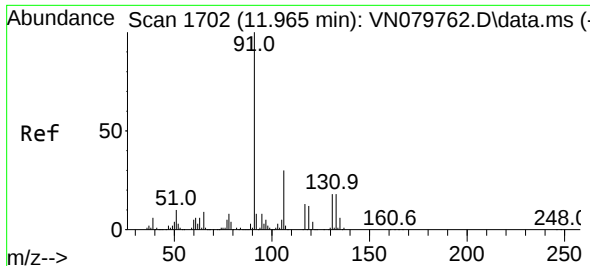
Tgt Ion: 95 Resp: 187013
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 71.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

Tgt Ion: 117 Resp: 387664
Ion Ratio Lower Upper
117 100
82 61.8 44.0 66.0
119 32.2 25.6 38.4

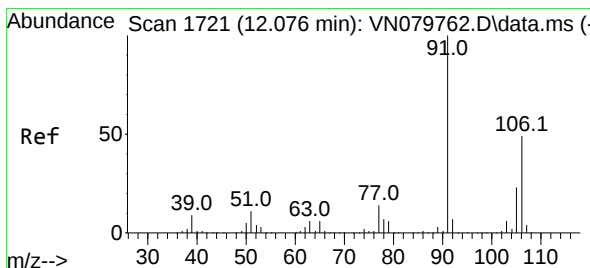
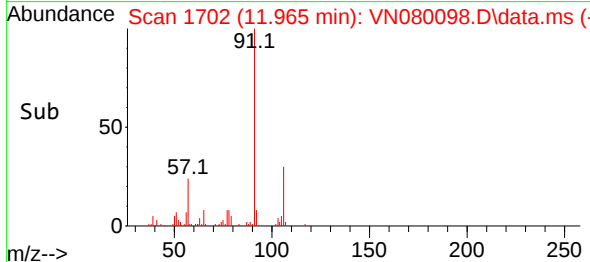
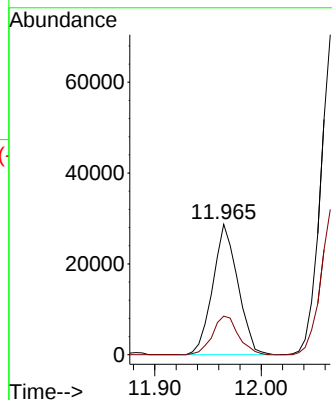
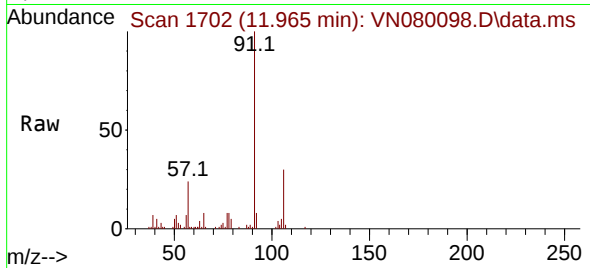




#67
Ethyl Benzene
Concen: 3.204 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

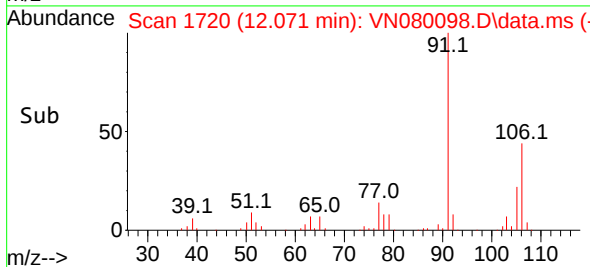
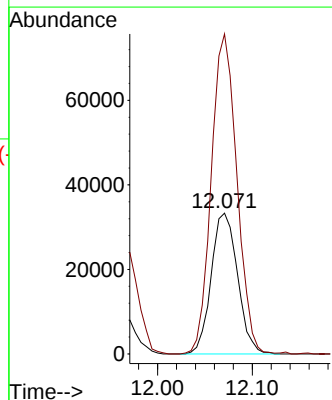
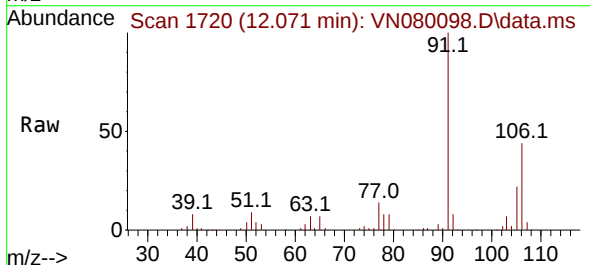
Instrument :
MSVOA_N
ClientSampleId :
S-20

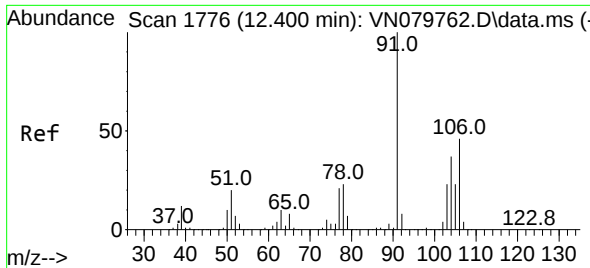
Tgt Ion: 91 Resp: 46947
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4



#68
m/p-Xylenes
Concen: 11.785 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

Tgt Ion:106 Resp: 64319
Ion Ratio Lower Upper
106 100
91 221.2 159.6 239.4

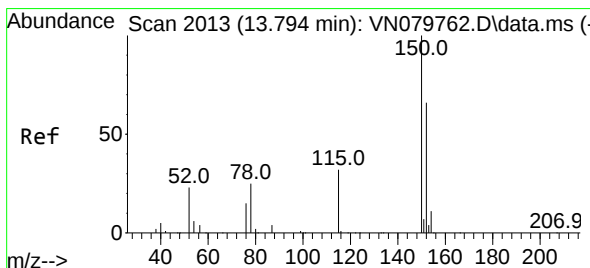
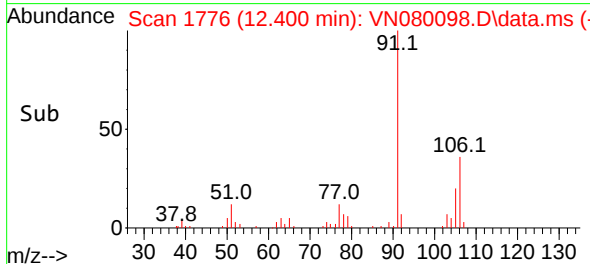
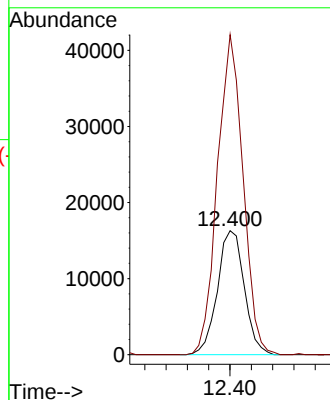
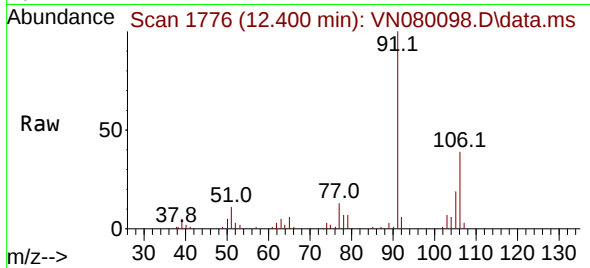




#69
o-Xylene
Concen: 5.424 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

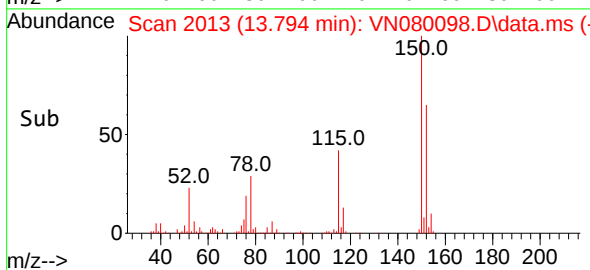
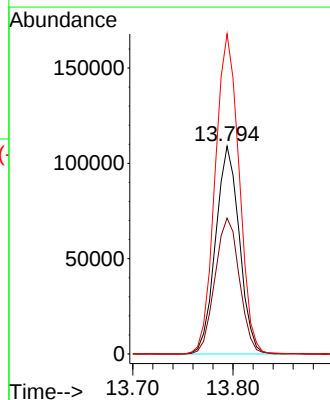
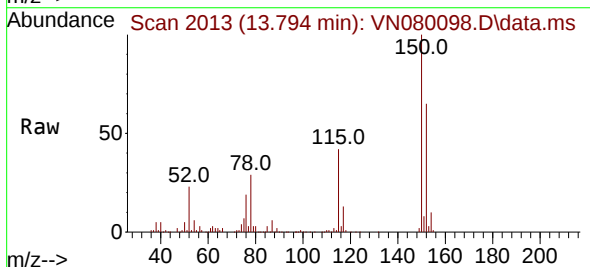
Instrument :
MSVOA_N
ClientSampleId :
S-20

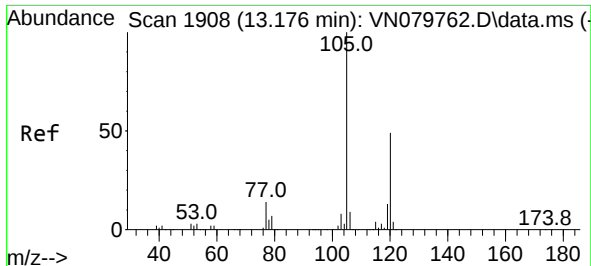
Tgt Ion:106 Resp: 28506
Ion Ratio Lower Upper
106 100
91 246.2 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

Tgt Ion:152 Resp: 179007
Ion Ratio Lower Upper
152 100
115 67.7 32.3 96.8
150 155.8 0.0 355.8

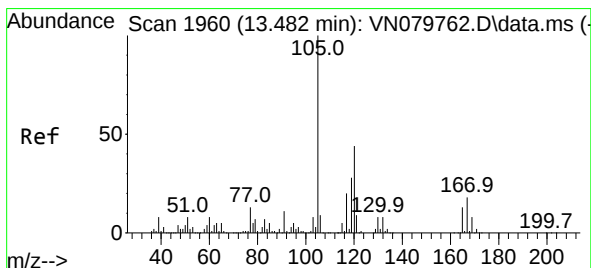
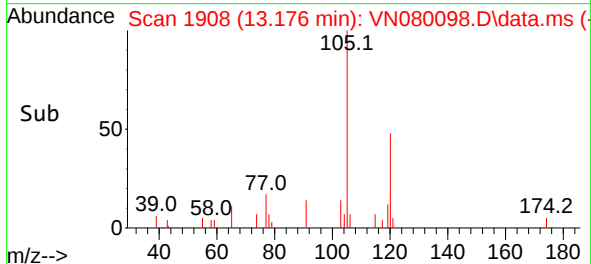
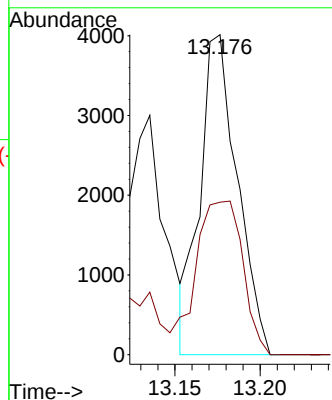
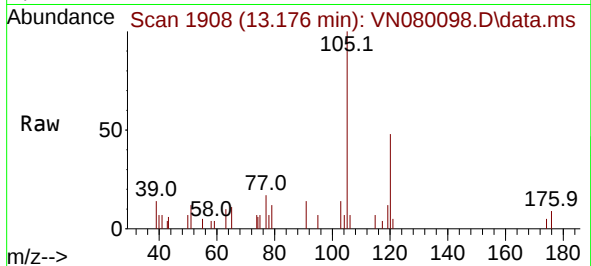




#80
1,3,5-Trimethylbenzene
Concen: 0.578 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

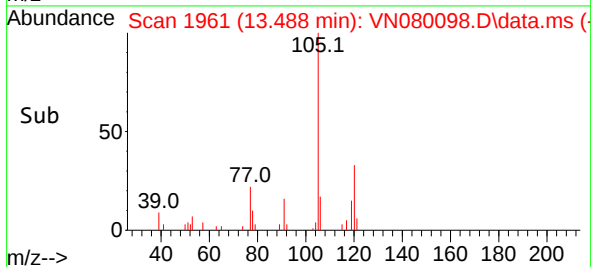
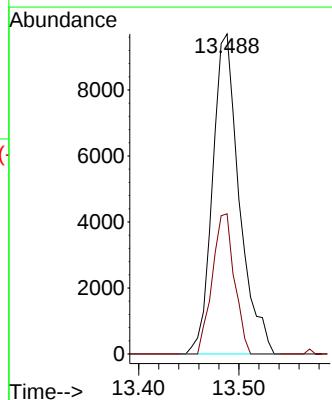
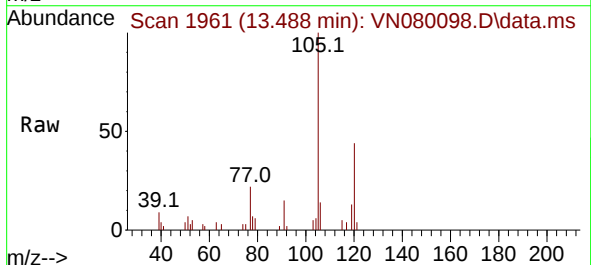
Instrument :
MSVOA_N
ClientSampleId :
S-20

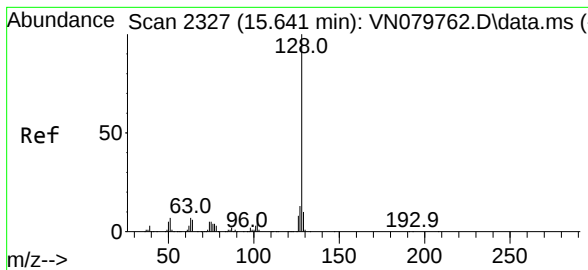
Tgt Ion:105 Resp: 6112
Ion Ratio Lower Upper
105 100
120 60.0 24.1 72.3



#84
1,2,4-Trimethylbenzene
Concen: 1.729 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

Tgt Ion:105 Resp: 17980
Ion Ratio Lower Upper
105 100
120 36.1 22.0 66.0





#95
Naphthalene
Concen: 11.435 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080098.D
Acq: 14 Nov 2023 18:49

Instrument :
MSVOA_N
ClientSampleId :
S-20

Tgt Ion:	128	Resp:	107707
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.0	15.0
129	11.2	8.7	13.1

