

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078959.D
 Acq On : 18 Aug 2023 22:01
 Operator : JC\MD
 Sample : 04071-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-2

Quant Time: Aug 18 23:51:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

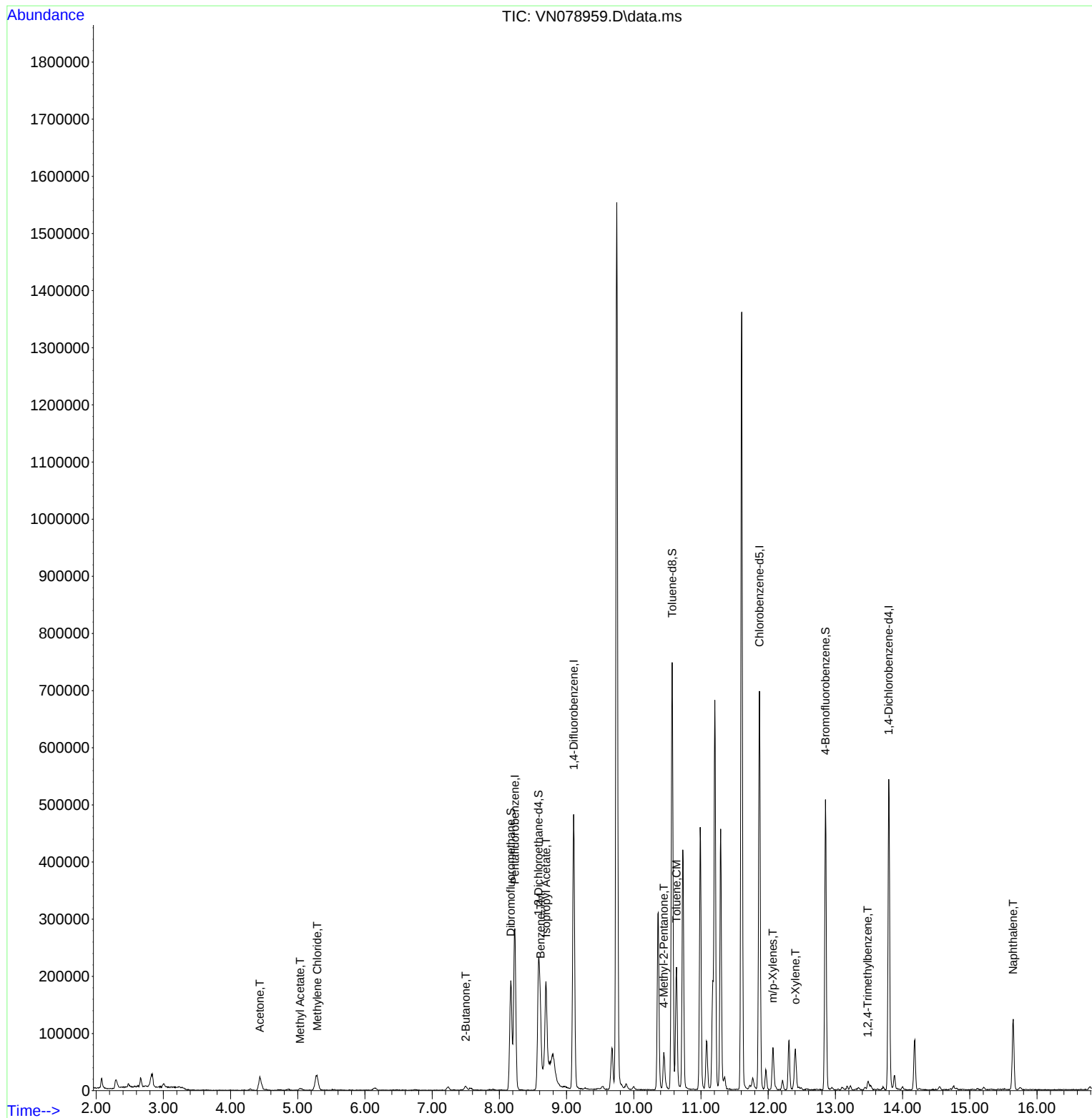
Internal Standards						
1) Pentafluorobenzene	8.230	168	205768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	397929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	383685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	159049	49.673	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.340%
35) Dibromofluoromethane	8.171	113	137594	51.367	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.740%
50) Toluene-d8	10.571	98	495548	49.824	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.640%
62) 4-Bromofluorobenzene	12.853	95	159145	48.953	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.900%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	42392	32.087	ug/l	93
18) Methyl Acetate	5.036	43	6743	1.208	ug/l #	62
20) Methylene Chloride	5.289	84	20145	7.155	ug/l	92
25) 2-Butanone	7.500	43	13355	6.305	ug/l	90
40) Benzene	8.612	78	117272	9.847	ug/l	98
43) Isopropyl Acetate	8.694	43	248592	31.197	ug/l #	71
51) 4-Methyl-2-Pentanone	10.447	43	48645	10.293	ug/l #	81
52) Toluene	10.635	92	89659	12.261	ug/l	100
68) m/p-Xylenes	12.070	106	21155	3.810	ug/l	93
69) o-Xylene	12.406	106	15251	2.823	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	10178	1.102	ug/l	95
95) Naphthalene	15.647	128	107600	18.264	ug/l	98

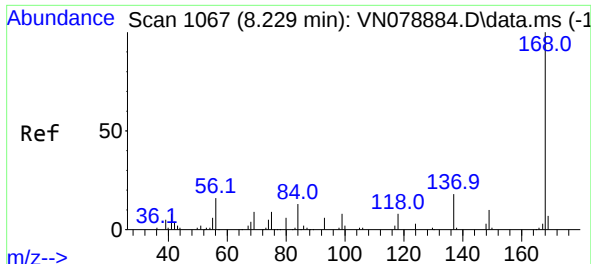
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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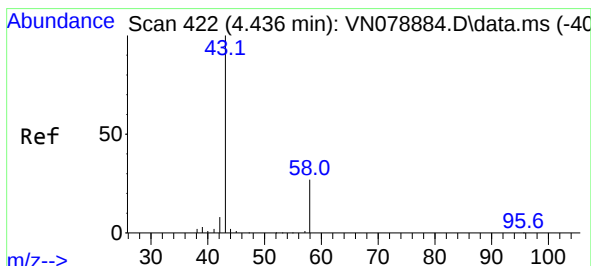
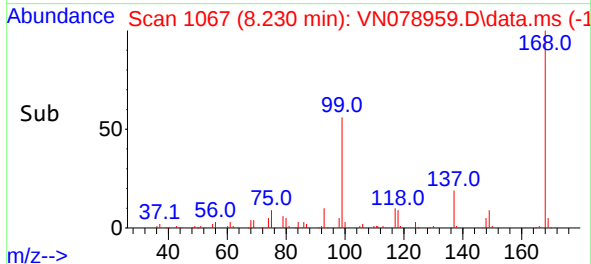
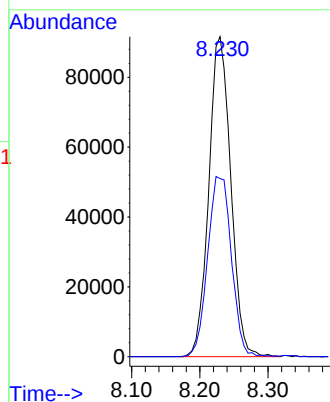
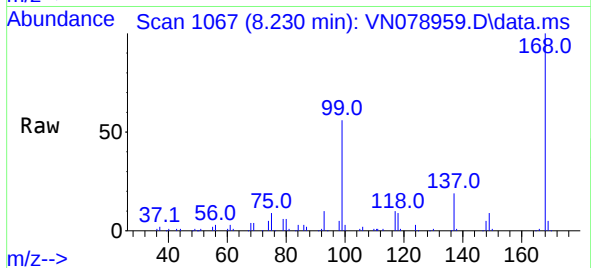




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

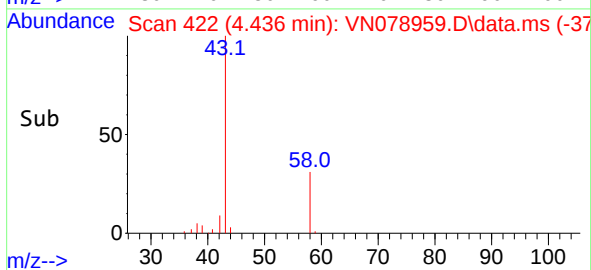
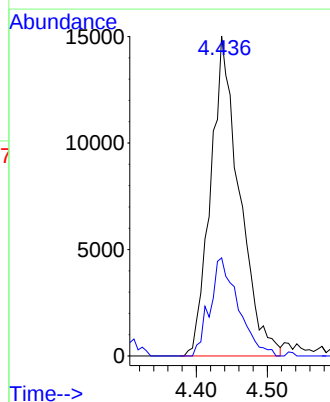
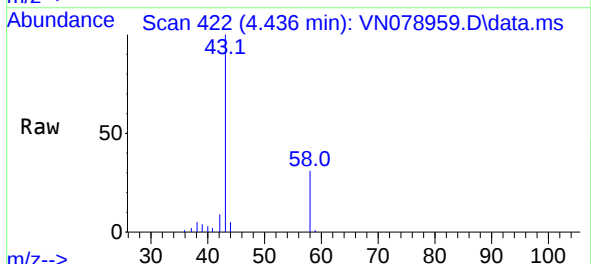
Instrument :
MSVOA_N
ClientSampleId :
SB-2

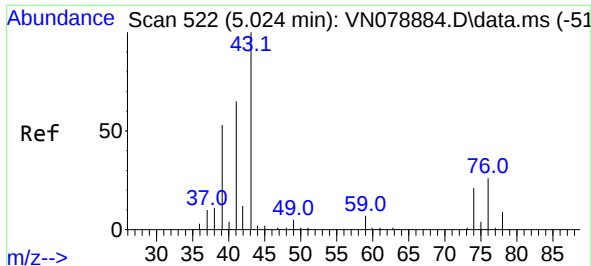
Tgt Ion:168 Resp: 205768
Ion Ratio Lower Upper
168 100
99 55.7 53.0 79.6



#16
Acetone
Concen: 32.087 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

Tgt Ion: 43 Resp: 42392
Ion Ratio Lower Upper
43 100
58 30.7 28.0 42.0

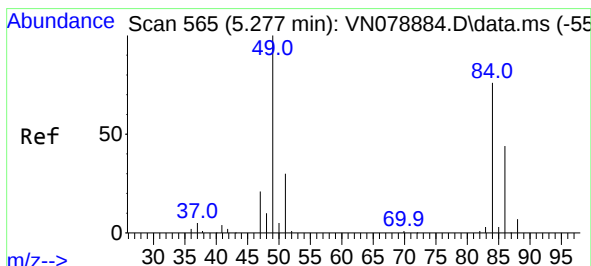
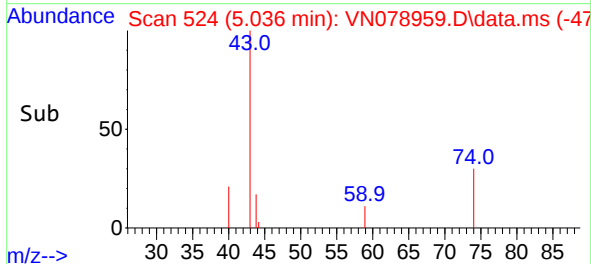
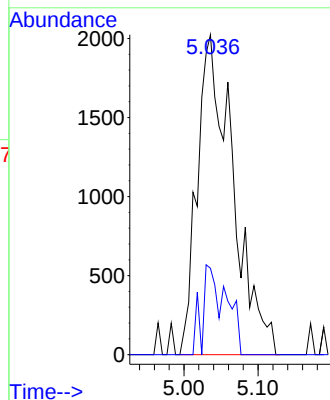
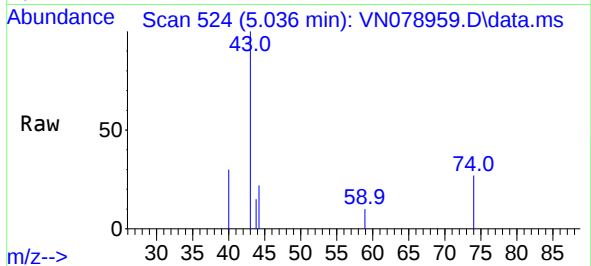




#18
Methyl Acetate
Concen: 1.208 ug/l
RT: 5.036 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

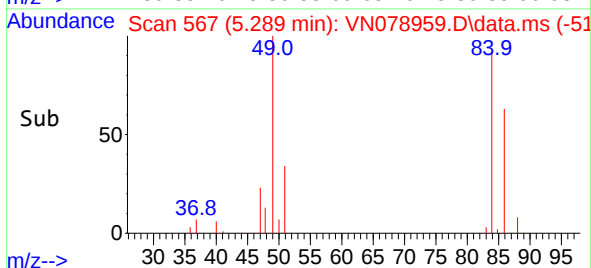
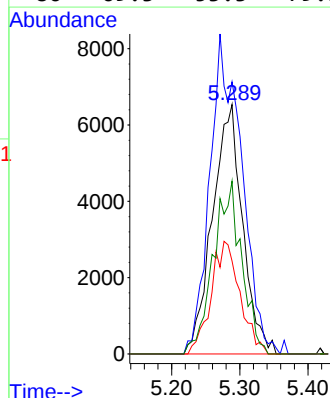
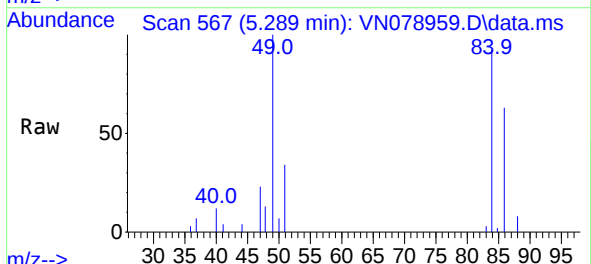
Instrument :
MSVOA_N
ClientSampleId :
SB-2

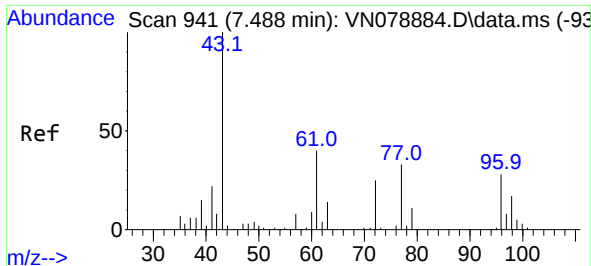
Tgt Ion: 43 Resp: 6743
Ion Ratio Lower Upper
43 100
74 11.4 26.2 39.4#



#20
Methylene Chloride
Concen: 7.155 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

Tgt Ion: 84 Resp: 20145
Ion Ratio Lower Upper
84 100
49 109.1 79.7 119.5
51 37.3 25.2 37.8
86 69.3 53.3 79.9

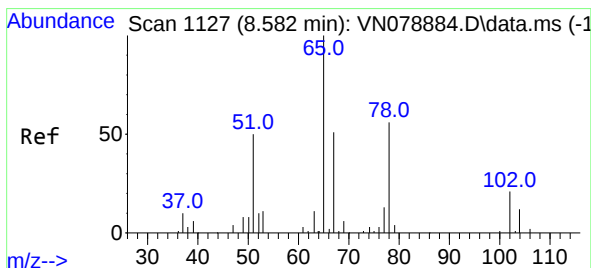
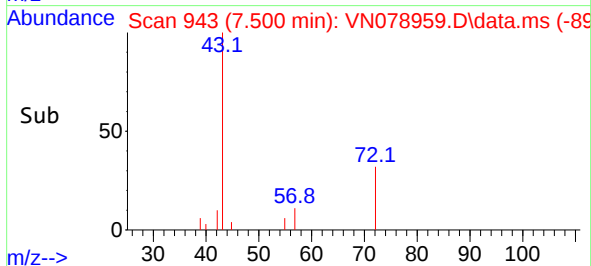
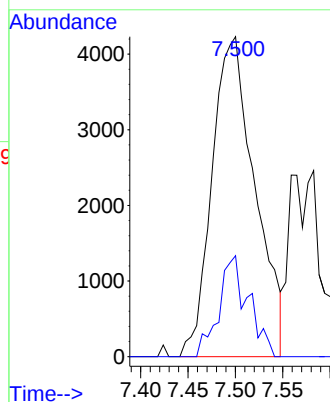
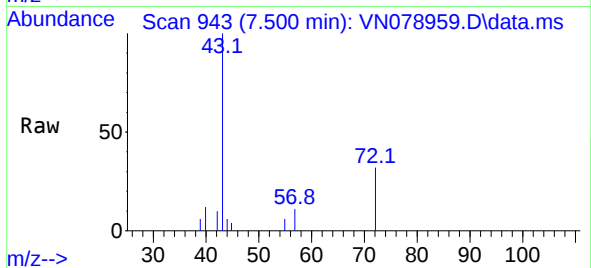




#25
2-Butanone
Concen: 6.305 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

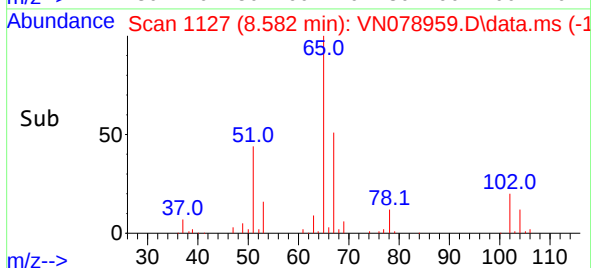
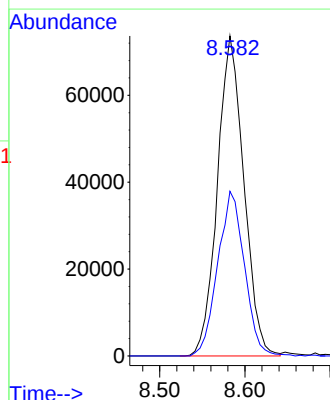
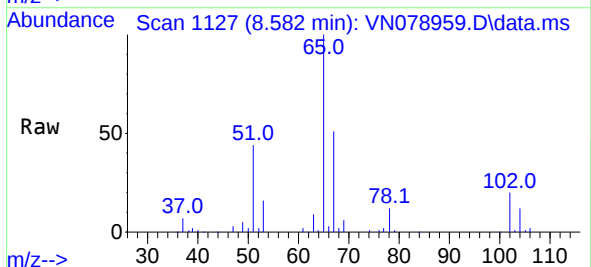
Instrument :
MSVOA_N
ClientSampleId :
SB-2

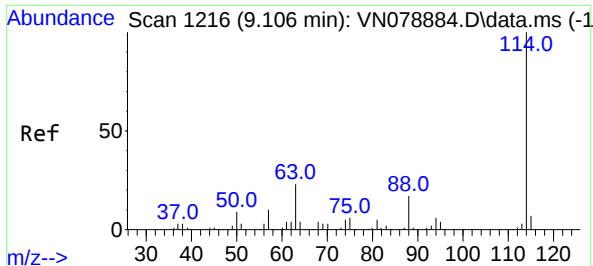
Tgt Ion: 43 Resp: 13355
Ion Ratio Lower Upper
43 100
72 31.6 30.2 45.2



#33
1,2-Dichloroethane-d4
Concen: 49.673 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

Tgt Ion: 65 Resp: 159049
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6

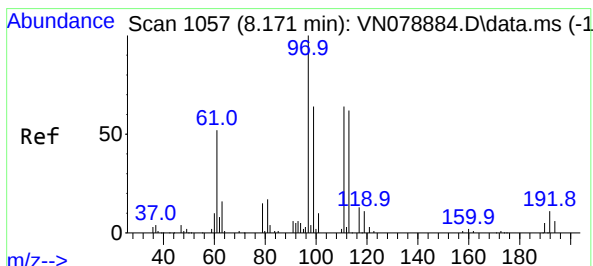
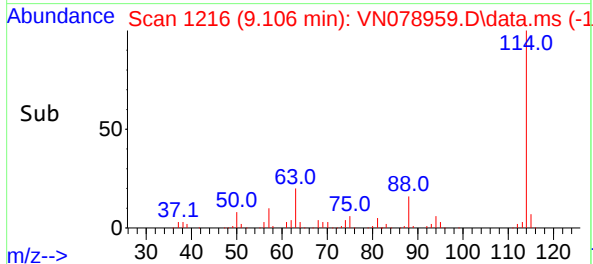
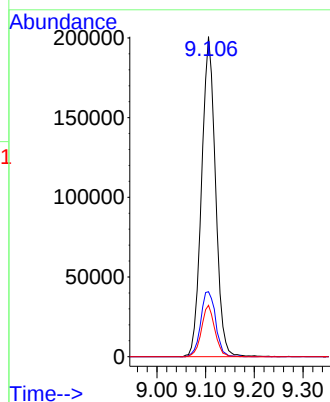
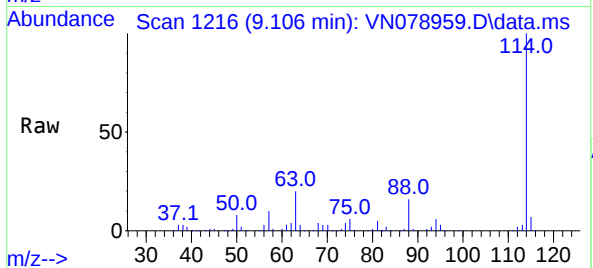




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

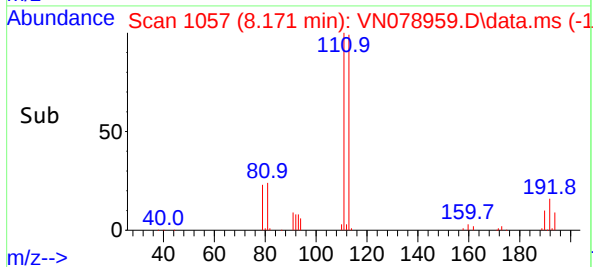
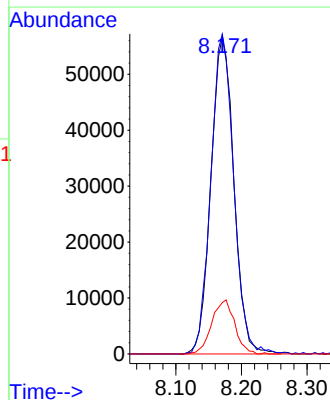
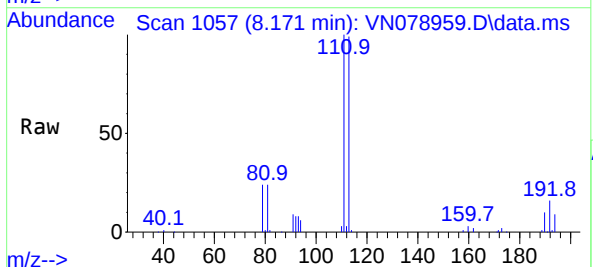
Instrument :
MSVOA_N
ClientSampleId :
SB-2

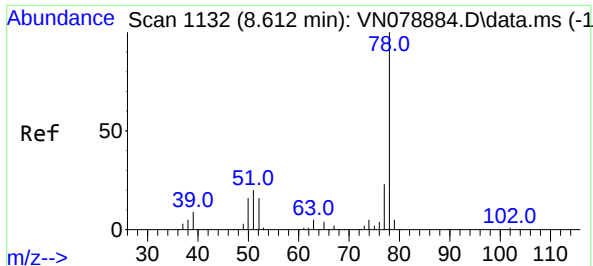
Tgt Ion:114 Resp: 397929
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.367 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

Tgt Ion:113 Resp: 137594
Ion Ratio Lower Upper
113 100
111 100.7 82.6 123.8
192 17.0 12.7 19.1

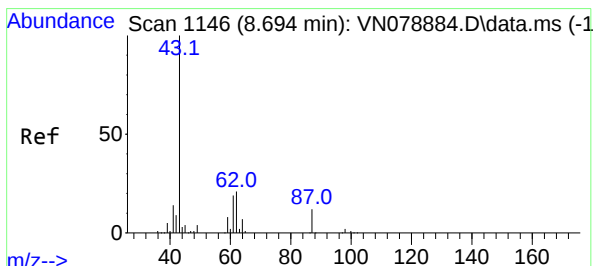
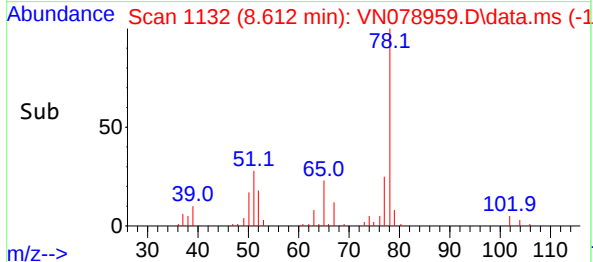
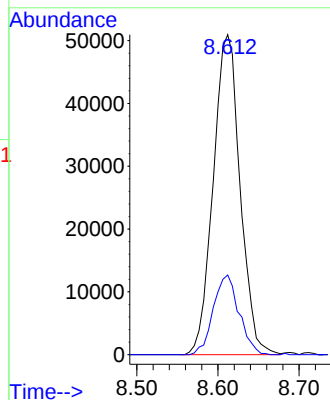
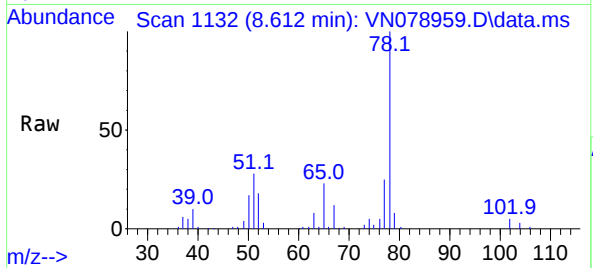




#40
Benzene
Concen: 9.847 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

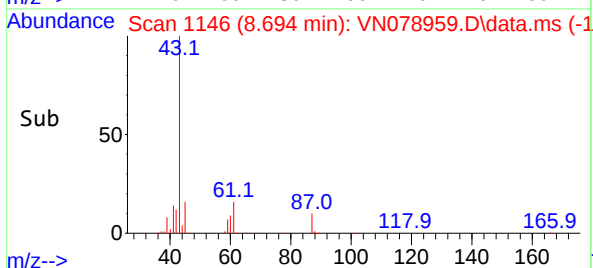
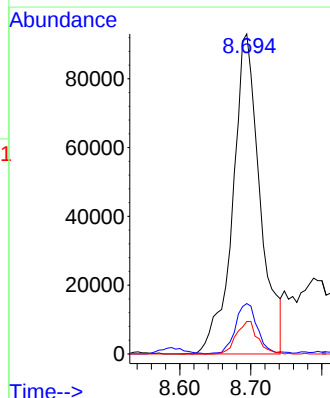
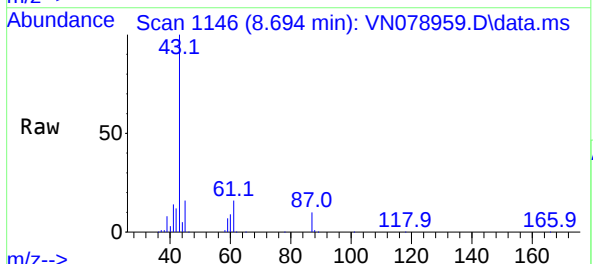
Instrument :
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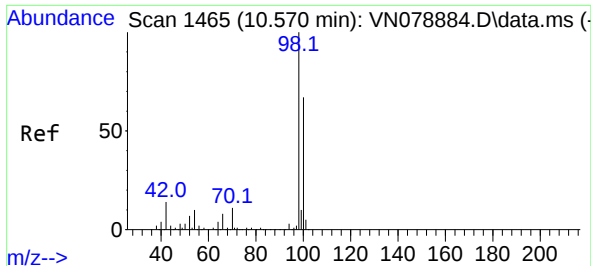
Tgt Ion: 78 Resp: 117272
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.6



#43
Isopropyl Acetate
Concen: 31.197 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

Tgt Ion: 43 Resp: 248592
Ion Ratio Lower Upper
43 100
61 12.9 24.7 37.1#
87 8.0 14.6 21.8#

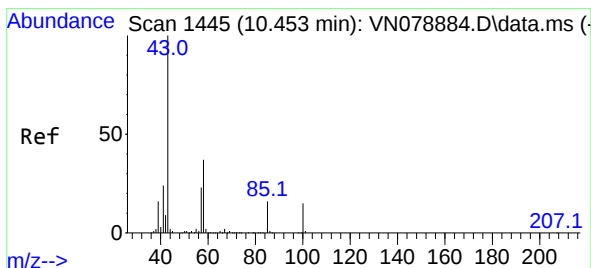
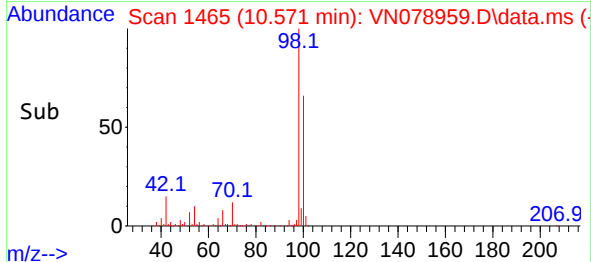
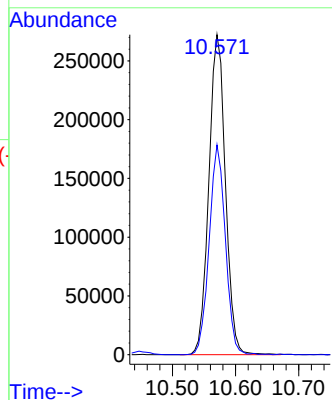
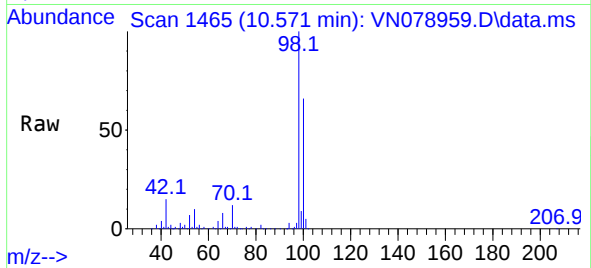




#50
Toluene-d8
Concen: 49.824 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

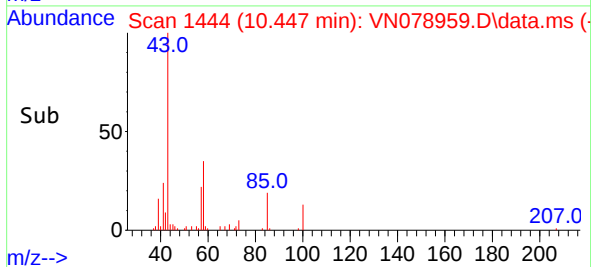
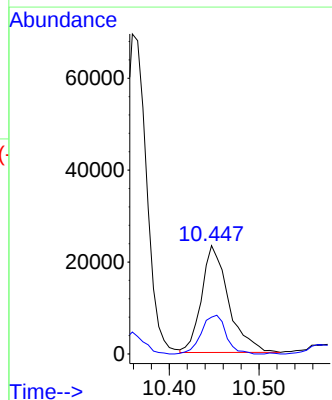
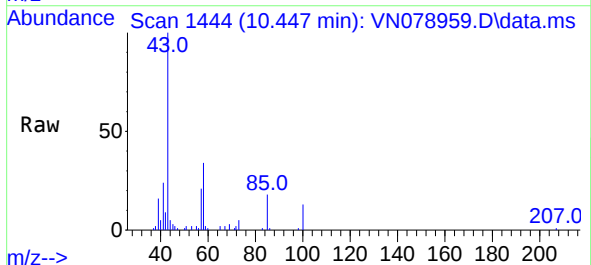
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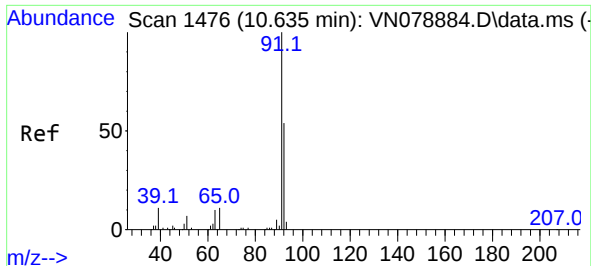
Tgt Ion: 98 Resp: 495548
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 10.293 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

Tgt Ion: 43 Resp: 48645
Ion Ratio Lower Upper
43 100
58 33.0 36.6 54.8#

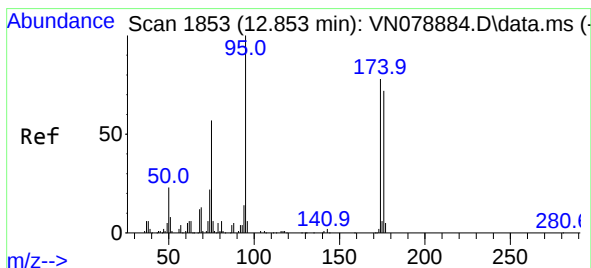
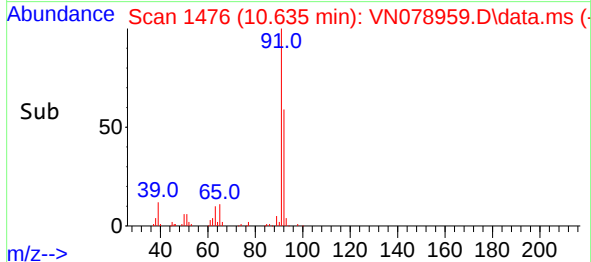
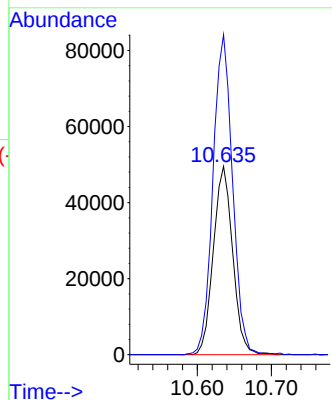
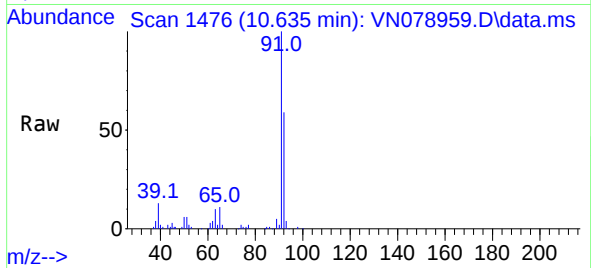




#52
Toluene
Concen: 12.261 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

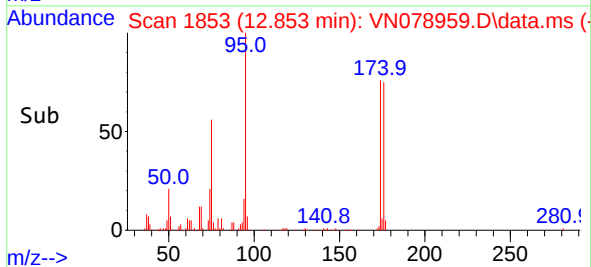
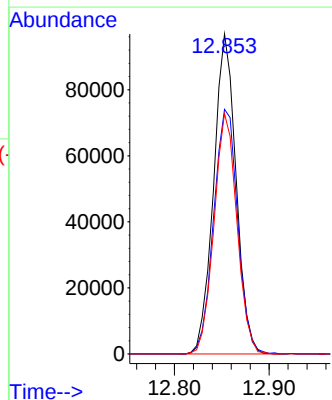
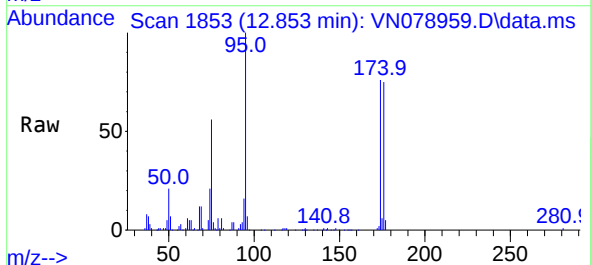
Instrument :
MSVOA_N
ClientSampleId :
SB-2

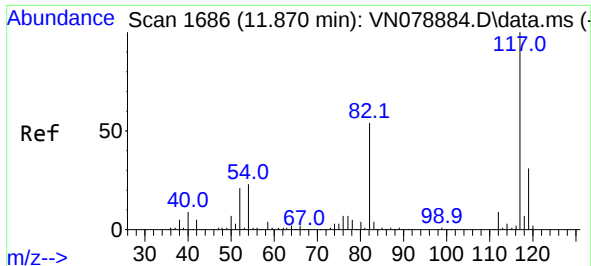
Tgt Ion: 92 Resp: 89659
Ion Ratio Lower Upper
92 100
91 172.1 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 48.953 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

Tgt Ion: 95 Resp: 159145
Ion Ratio Lower Upper
95 100
174 82.1 0.0 143.8
176 76.7 0.0 135.8

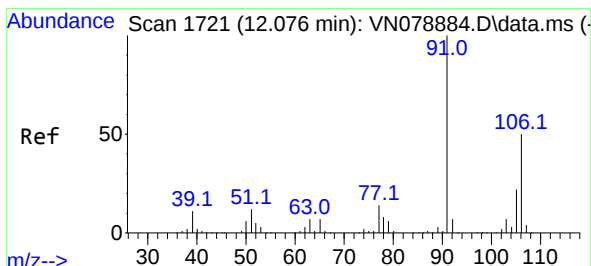
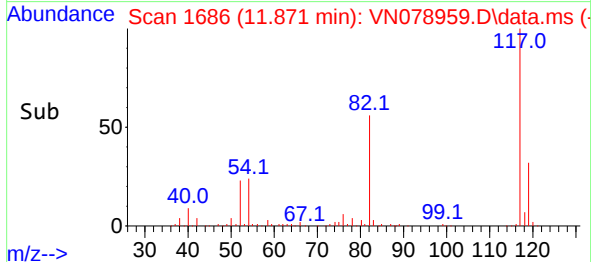
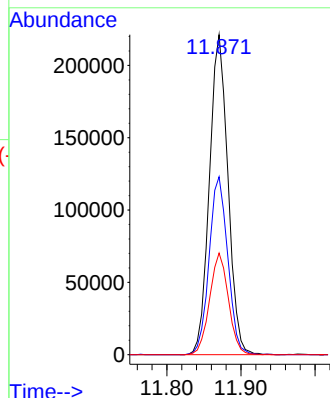
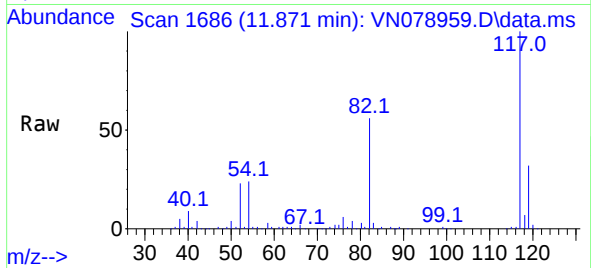




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

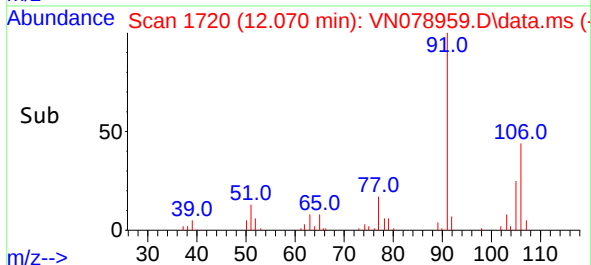
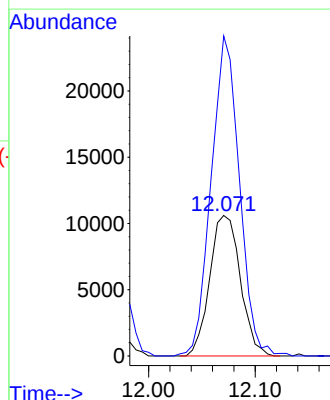
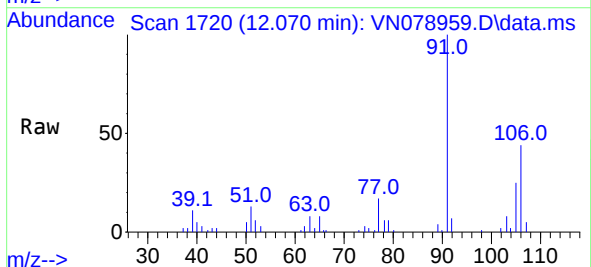
Instrument :
MSVOA_N
ClientSampleId :
SB-2

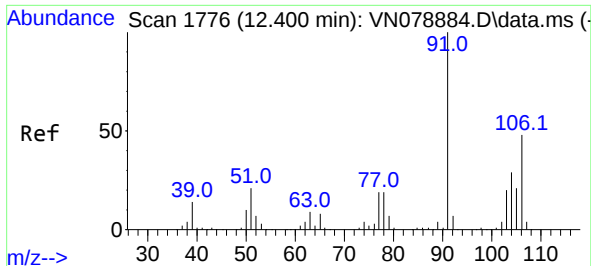
Tgt Ion:117 Resp: 383685
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 31.7 25.6 38.4



#68
m/p-Xylenes
Concen: 3.810 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

Tgt Ion:106 Resp: 21155
Ion Ratio Lower Upper
106 100
91 210.0 159.6 239.4

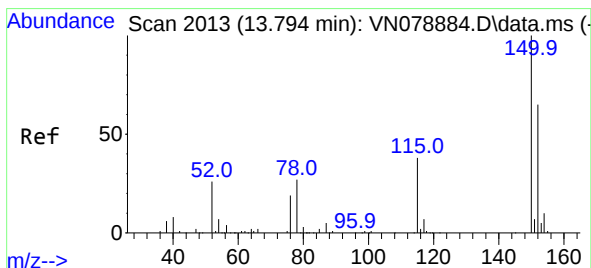
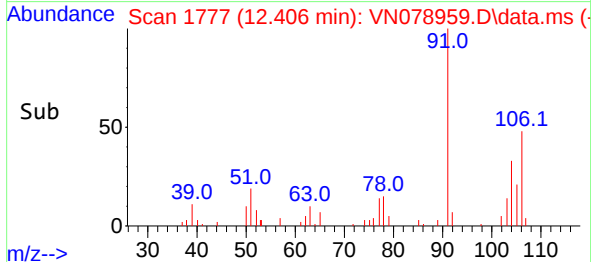
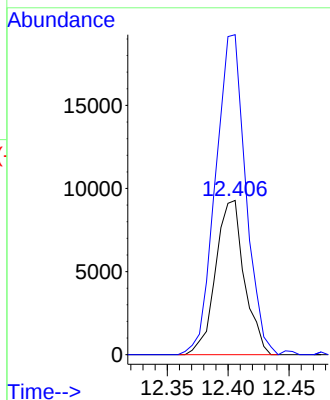
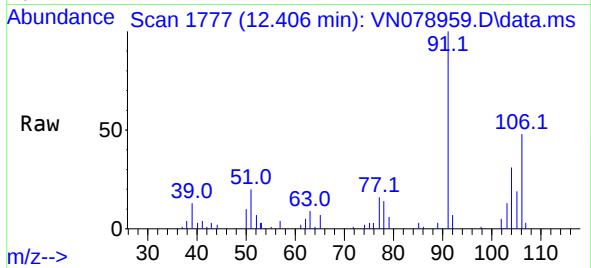




#69
o-Xylene
Concen: 2.823 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

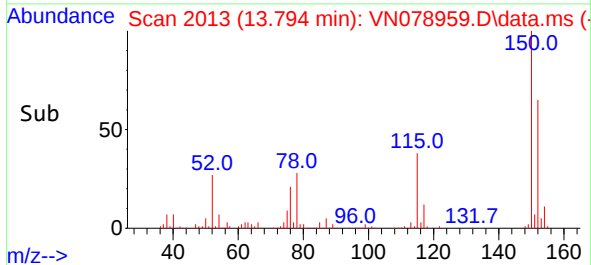
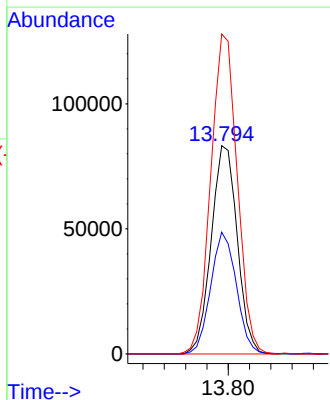
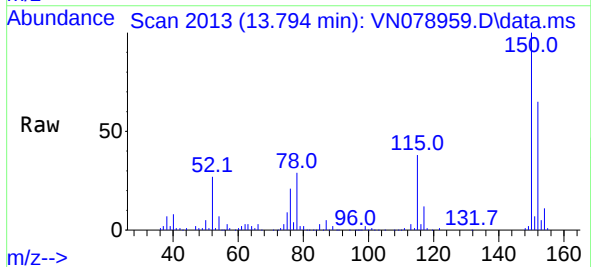
Instrument :
MSVOA_N
ClientSampleId :
SB-2

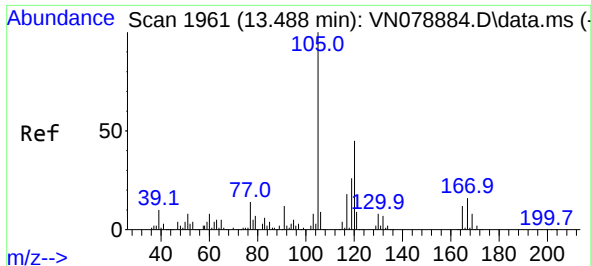
Tgt Ion:106 Resp: 15251
Ion Ratio Lower Upper
106 100
91 218.6 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

Tgt Ion:152 Resp: 141157
Ion Ratio Lower Upper
152 100
115 57.9 32.3 96.8
150 156.1 0.0 355.8

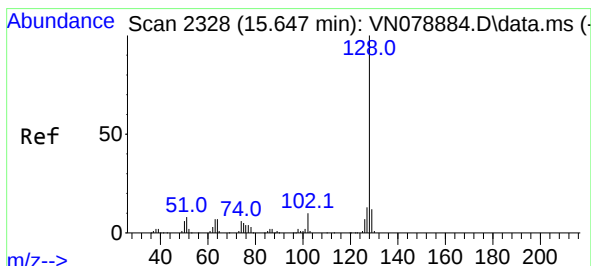
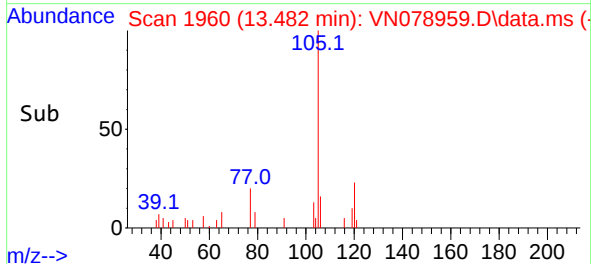
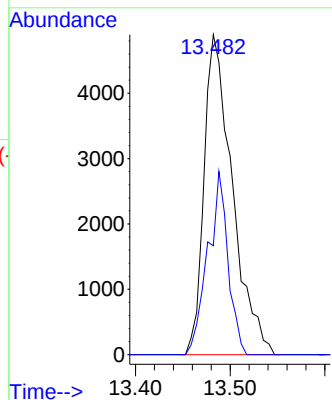
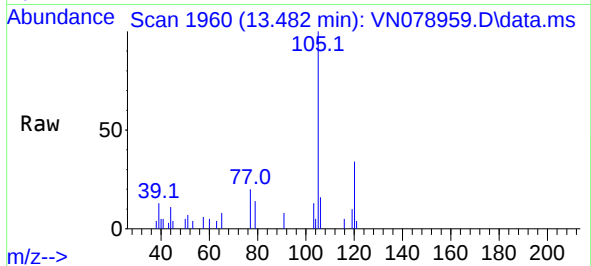




#84
1,2,4-Trimethylbenzene
Concen: 1.102 ug/l
RT: 13.482 min Scan# 1961
Delta R.T. -0.006 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

Instrument :
MSVOA_N
ClientSampleId :
SB-2

Tgt Ion:105 Resp: 10178
Ion Ratio Lower Upper
105 100
120 40.7 22.0 66.0



#95
Naphthalene
Concen: 18.264 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078959.D
Acq: 18 Aug 2023 22:01

Tgt Ion:128 Resp: 107600
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 11.7 8.7 13.1

