

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078960.D
 Acq On : 18 Aug 2023 22:25
 Operator : JC\MD
 Sample : 04071-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-3

Quant Time: Aug 18 23:51:57 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)

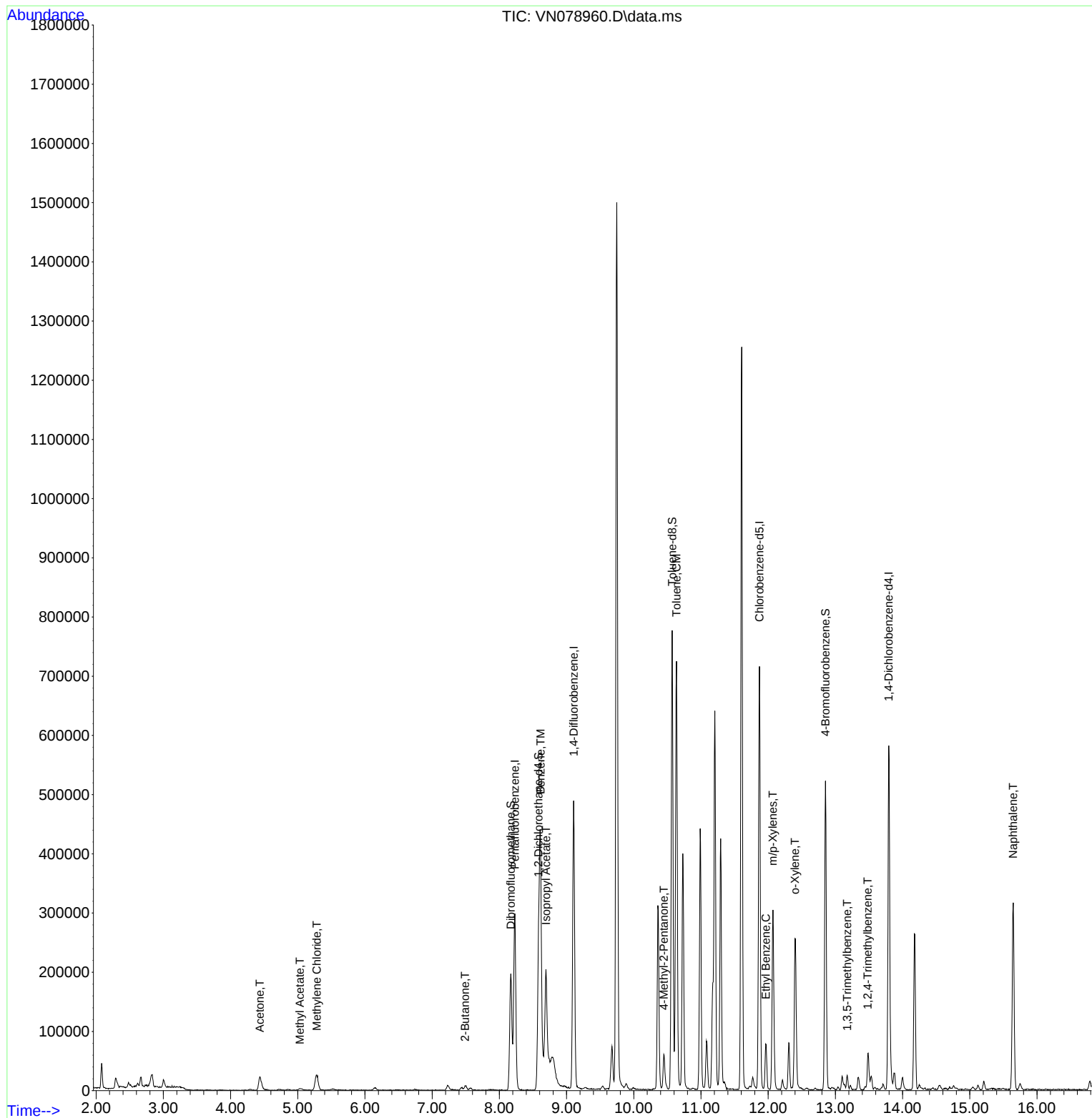
Internal Standards						
1) Pentafluorobenzene	8.230	168	214829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	404685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	396858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	159510	47.716	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.440%
35) Dibromofluoromethane	8.171	113	136127	49.971	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.940%
50) Toluene-d8	10.571	98	505796	50.005	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.853	95	166116	50.244	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.480%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	45002	32.626	ug/l	89
18) Methyl Acetate	5.030	43	6926	1.189	ug/l #	57
20) Methylene Chloride	5.283	84	19905	6.772	ug/l #	80
25) 2-Butanone	7.489	43	13202	5.970	ug/l #	71
40) Benzene	8.612	78	385133	31.797	ug/l	100
43) Isopropyl Acetate	8.694	43	285403	35.219	ug/l #	68
51) 4-Methyl-2-Pentanone	10.447	43	45599	9.487	ug/l #	78
52) Toluene	10.635	92	306116	41.165	ug/l	98
67) Ethyl Benzene	11.965	91	46104	3.001	ug/l	99
68) m/p-Xylenes	12.071	106	91525	15.935	ug/l	99
69) o-Xylene	12.400	106	64925	11.620	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	11453	1.135	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	36320	3.635	ug/l	96
95) Naphthalene	15.647	128	287043	41.260	ug/l	99

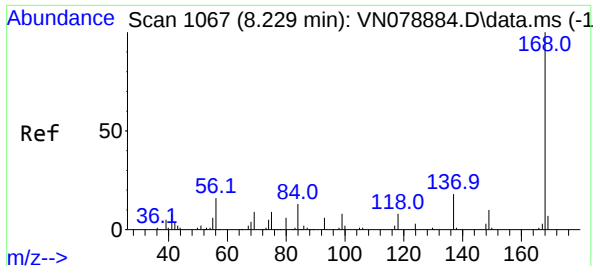
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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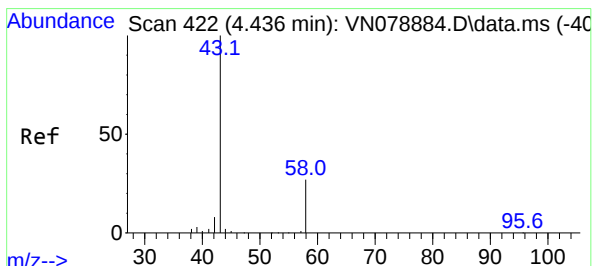
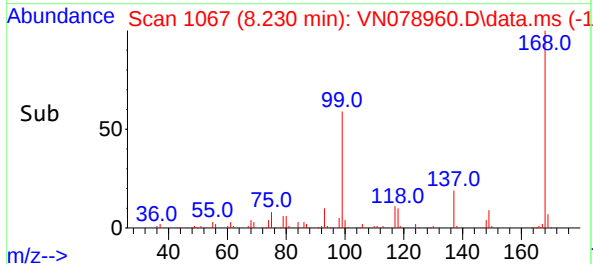
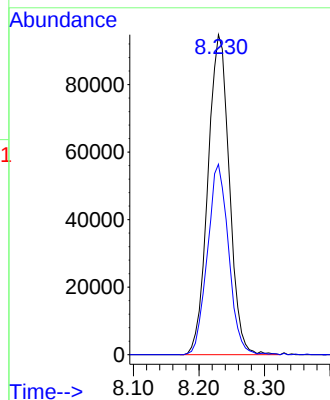
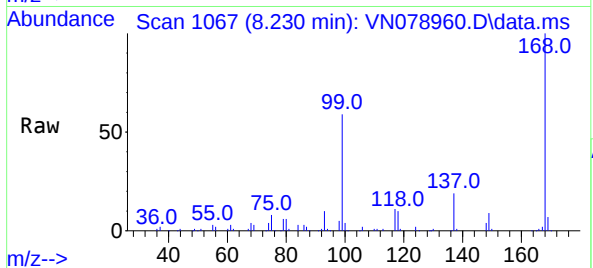




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

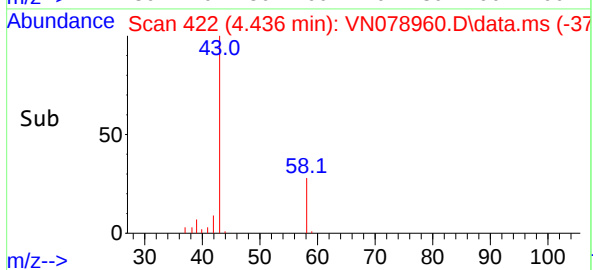
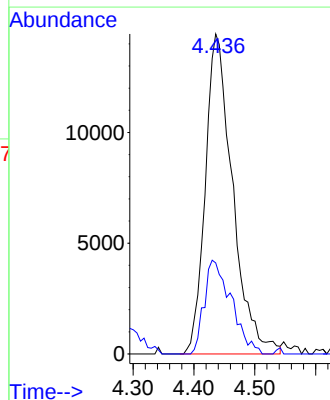
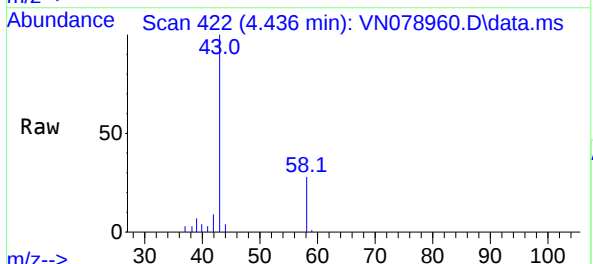
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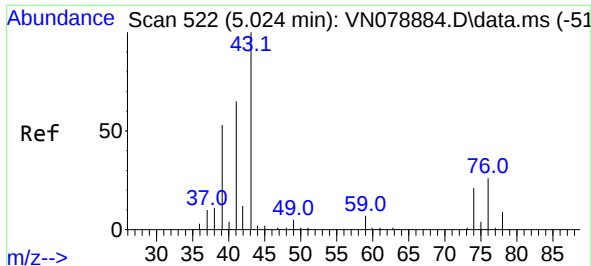
Tgt Ion:168 Resp: 214829
Ion Ratio Lower Upper
168 100
99 59.5 53.0 79.6



#16
Acetone
Concen: 32.626 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

Tgt Ion: 43 Resp: 45002
Ion Ratio Lower Upper
43 100
58 28.5 28.0 42.0

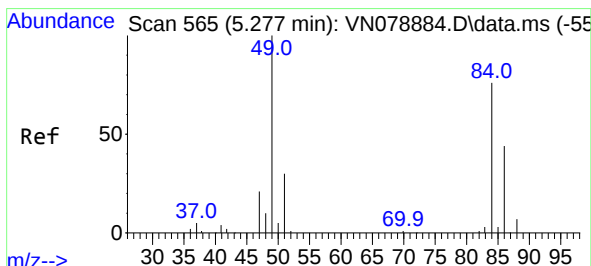
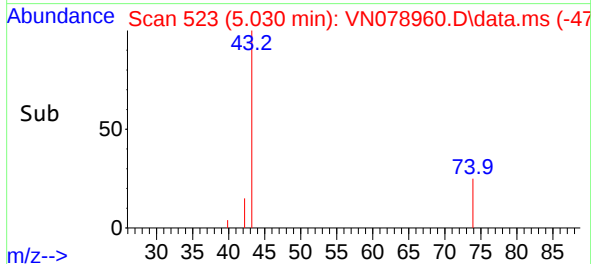
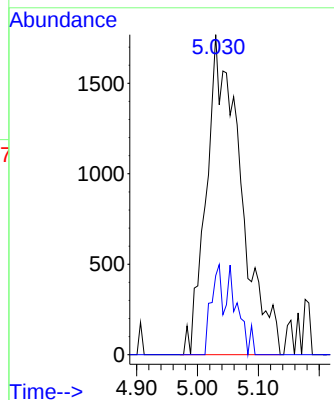
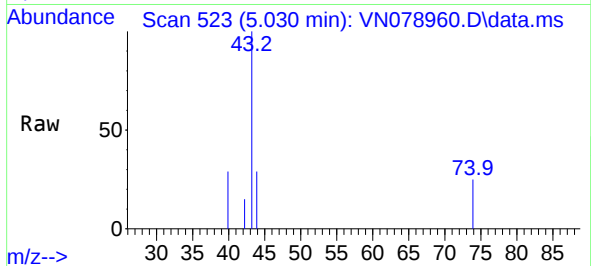




#18
Methyl Acetate
Concen: 1.189 ug/l
RT: 5.030 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

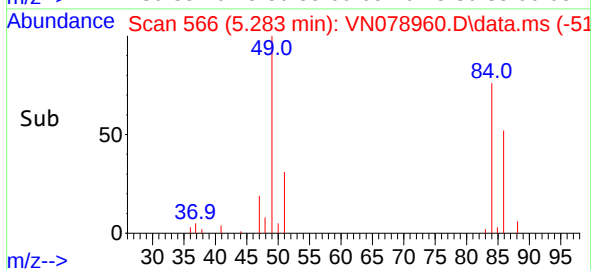
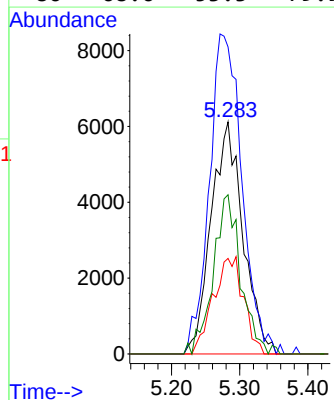
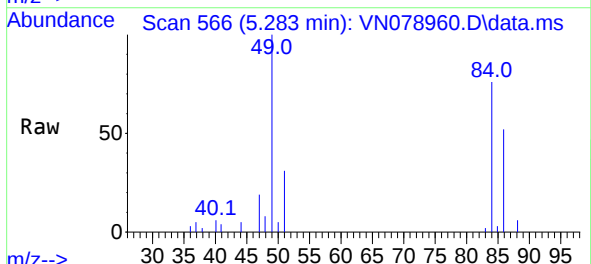
Instrument :
MSVOA_N
ClientSampleId :
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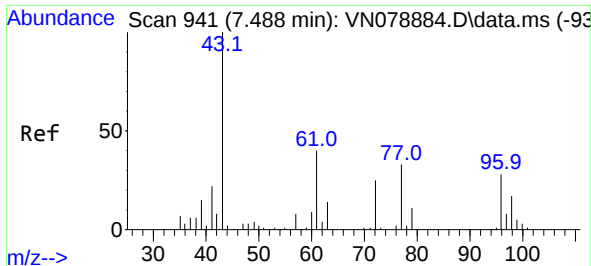
Tgt Ion: 43 Resp: 6926
Ion Ratio Lower Upper
43 100
74 8.8 26.2 39.4#



#20
Methylene Chloride
Concen: 6.772 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

Tgt Ion: 84 Resp: 19905
Ion Ratio Lower Upper
84 100
49 132.3 79.7 119.5#
51 41.1 25.2 37.8#
86 68.6 53.3 79.9

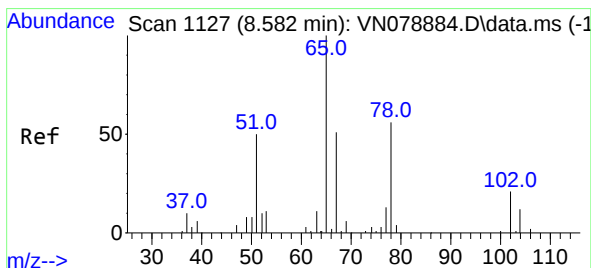
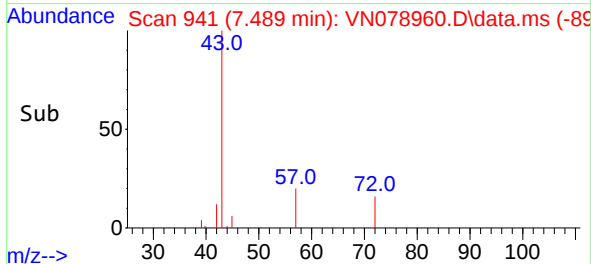
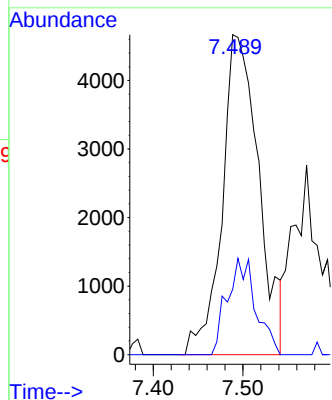
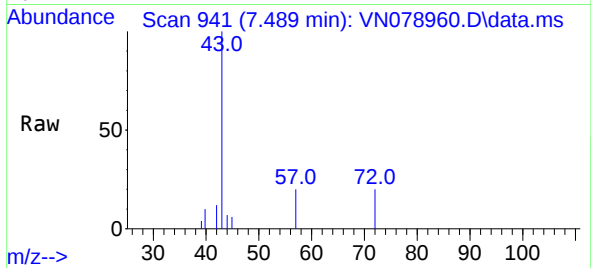




#25
2-Butanone
Concen: 5.970 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

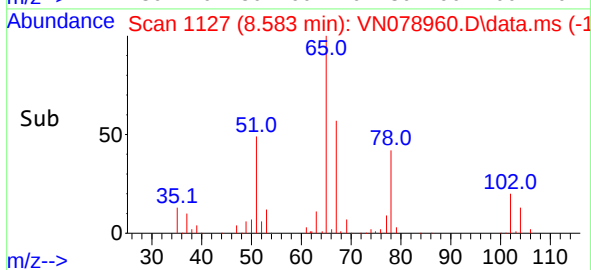
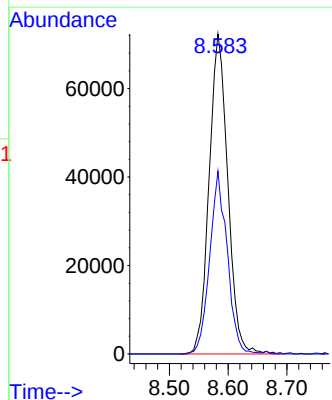
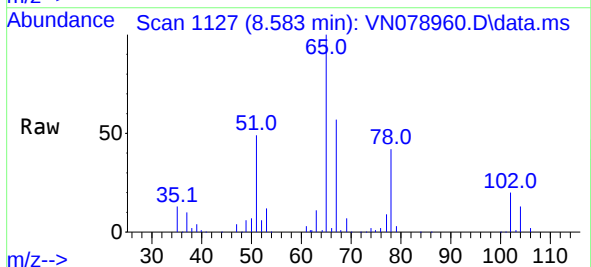
Instrument :
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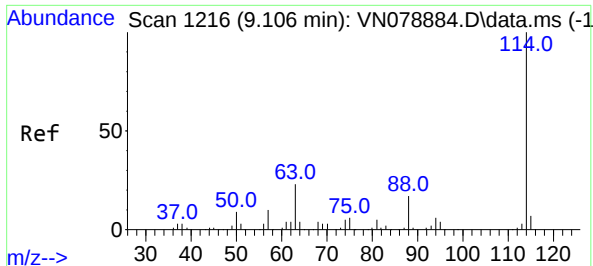
Tgt Ion: 43 Resp: 13202
Ion Ratio Lower Upper
43 100
72 20.4 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 47.716 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

Tgt Ion: 65 Resp: 159510
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.6

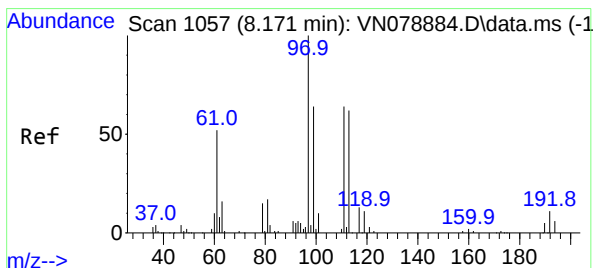
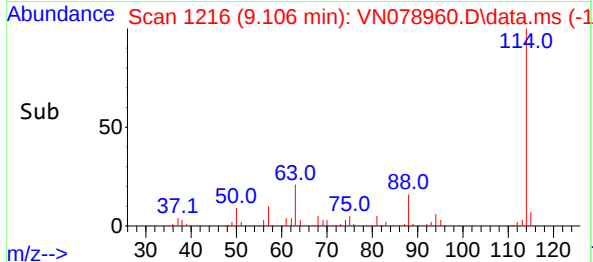
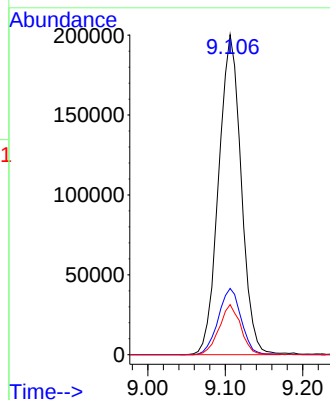
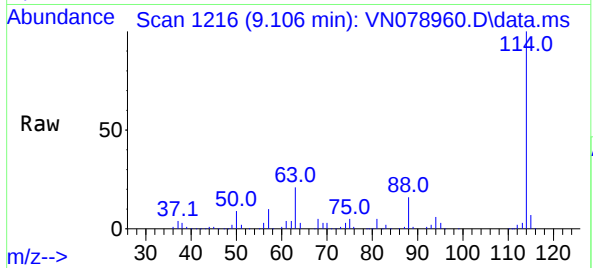




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

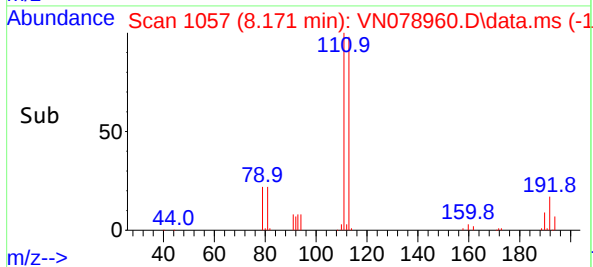
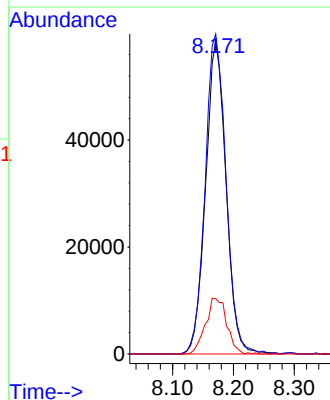
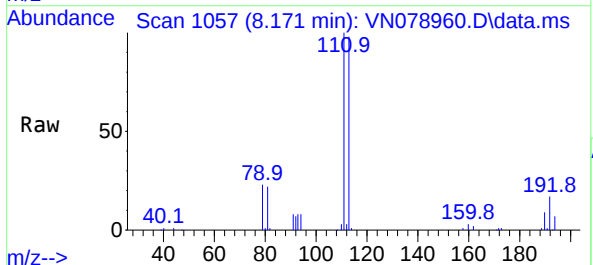
Instrument :
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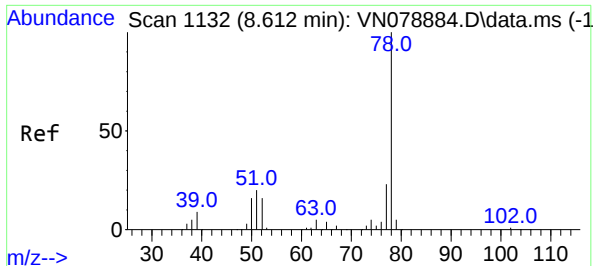
Tgt Ion:114 Resp: 404685
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.971 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

Tgt Ion:113 Resp: 136127
Ion Ratio Lower Upper
113 100
111 104.6 82.6 123.8
192 18.5 12.7 19.1

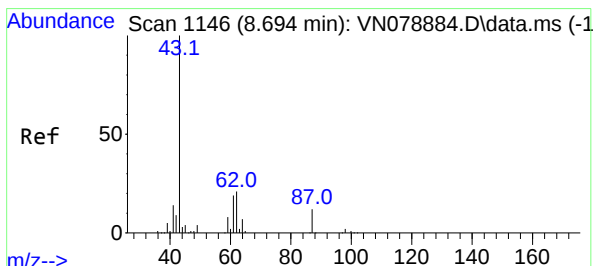
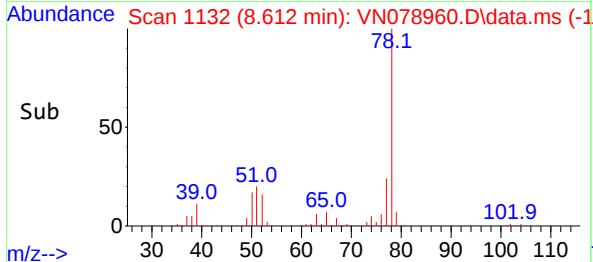
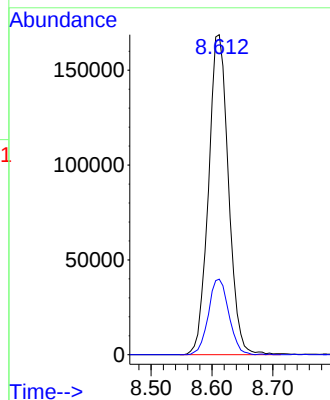
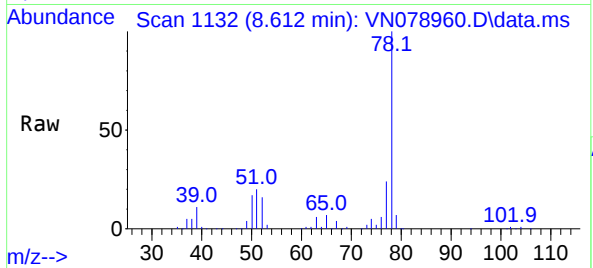




#40
Benzene
Concen: 31.797 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

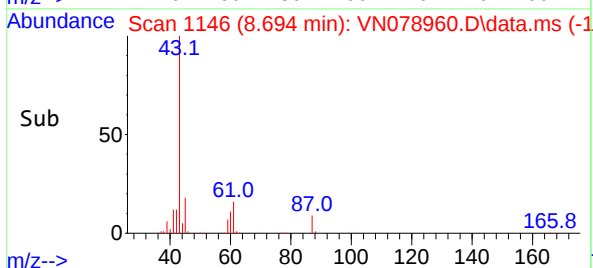
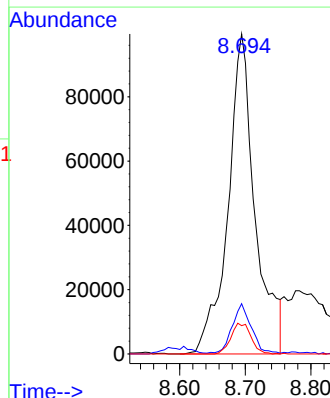
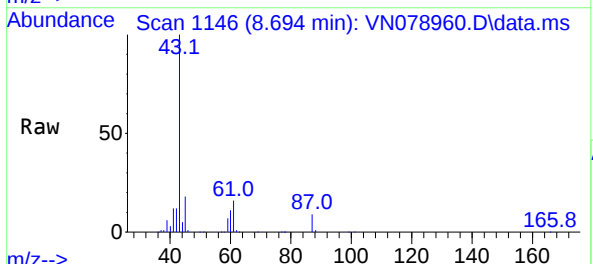
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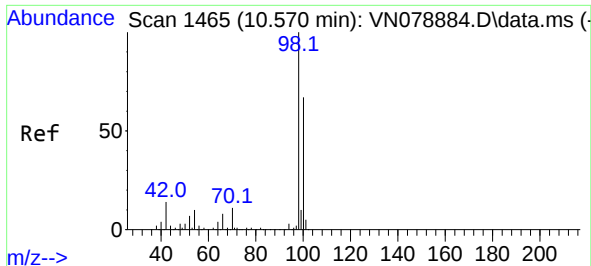
Tgt Ion: 78 Resp: 385133
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



#43
Isopropyl Acetate
Concen: 35.219 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

Tgt Ion: 43 Resp: 285403
Ion Ratio Lower Upper
43 100
61 10.7 24.7 37.1#
87 7.2 14.6 21.8#

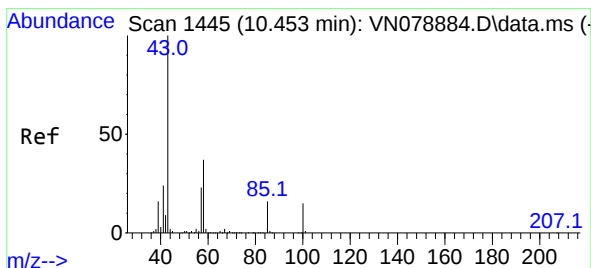
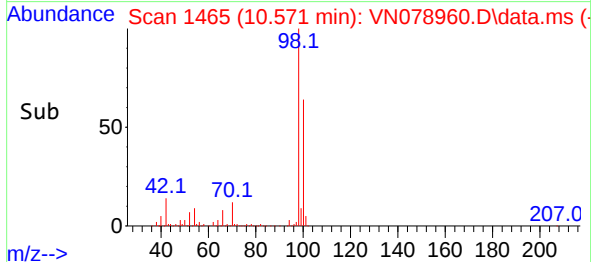
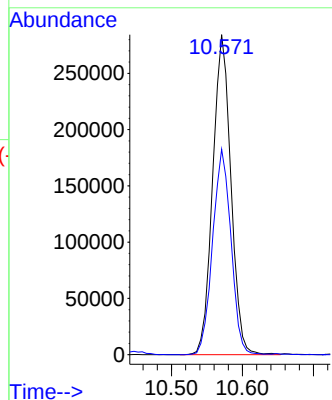
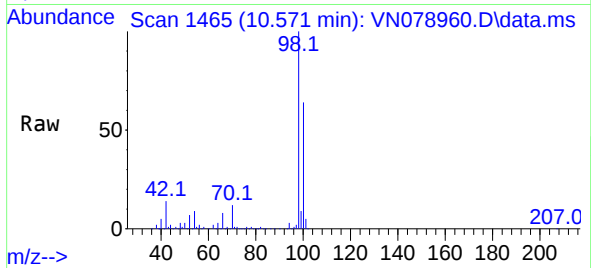




#50
Toluene-d8
Concen: 50.005 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

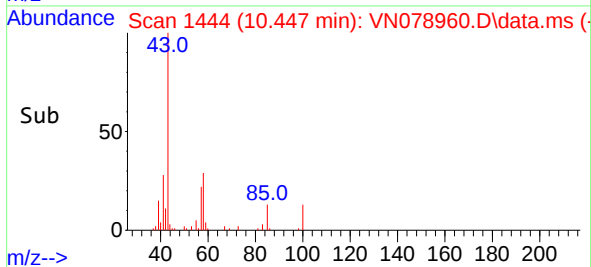
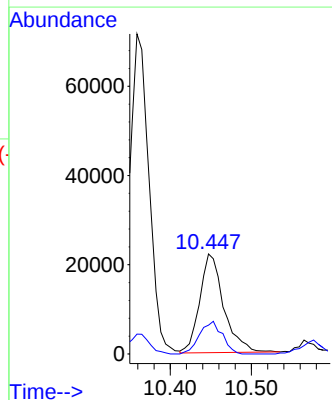
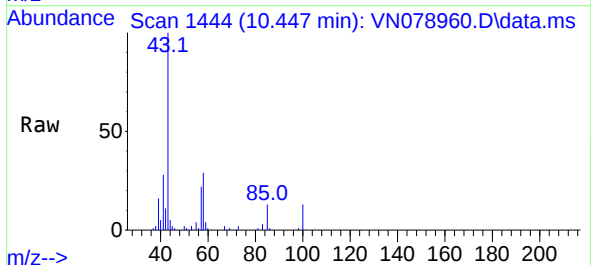
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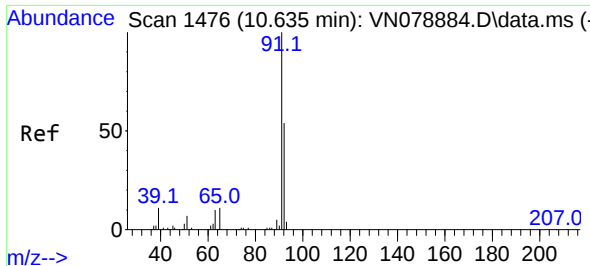
Tgt Ion: 98 Resp: 505796
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 9.487 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

Tgt Ion: 43 Resp: 45599
Ion Ratio Lower Upper
43 100
58 31.3 36.6 54.8#

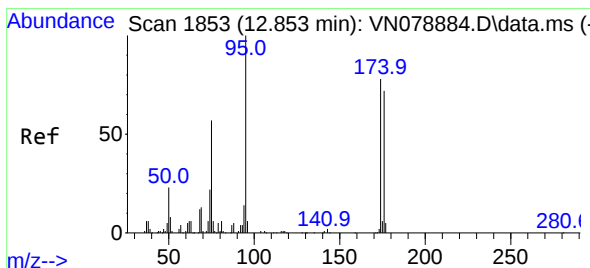
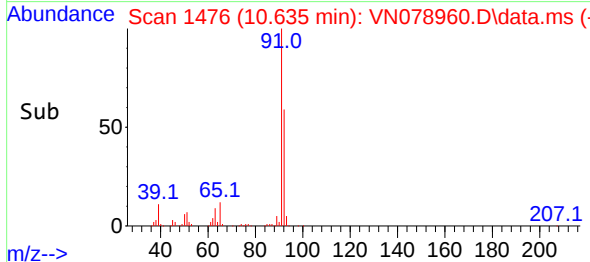
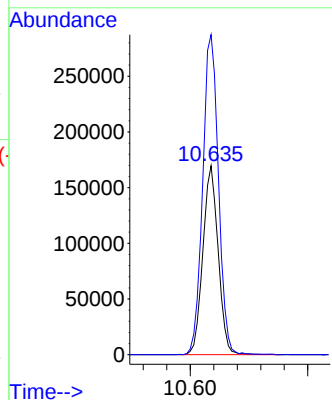
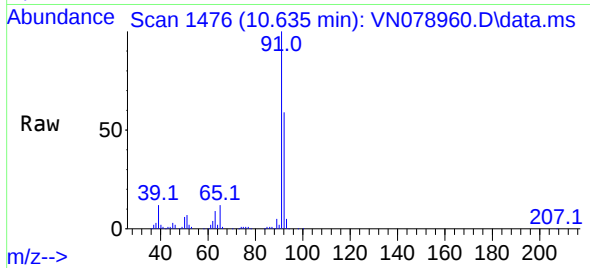




#52
Toluene
Concen: 41.165 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

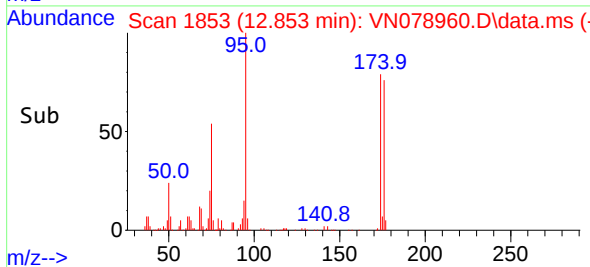
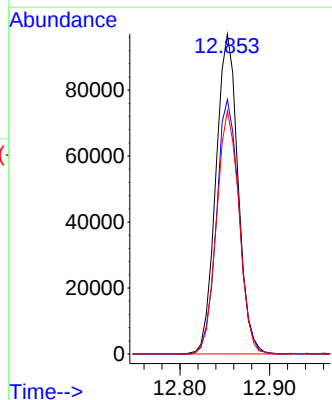
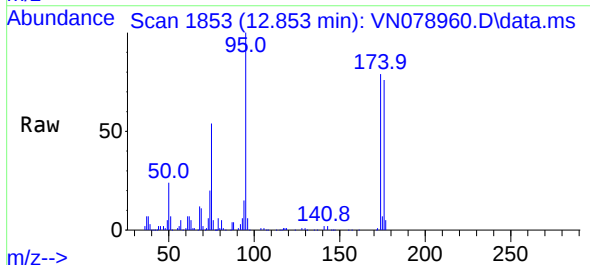
Instrument :
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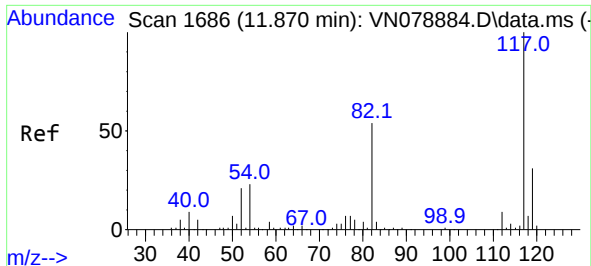
Tgt Ion: 92 Resp: 306116
Ion Ratio Lower Upper
92 100
91 174.8 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 50.244 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

Tgt Ion: 95 Resp: 166116
Ion Ratio Lower Upper
95 100
174 80.8 0.0 143.8
176 77.4 0.0 135.8

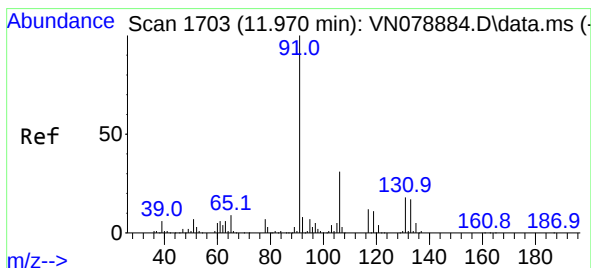
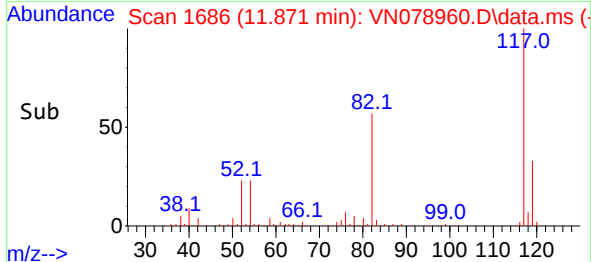
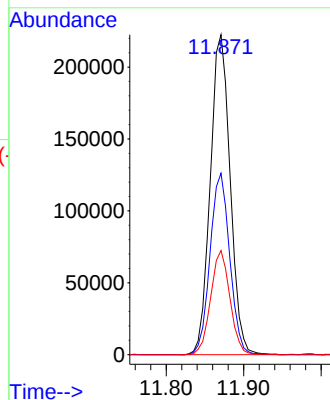
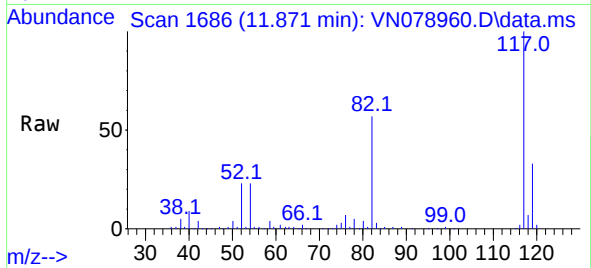




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

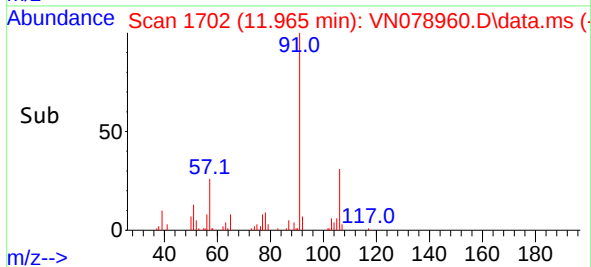
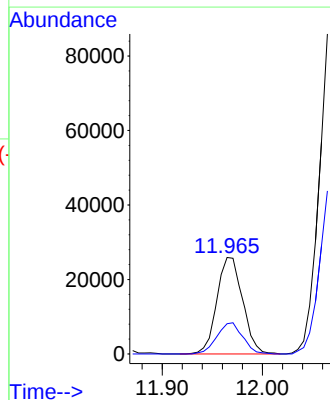
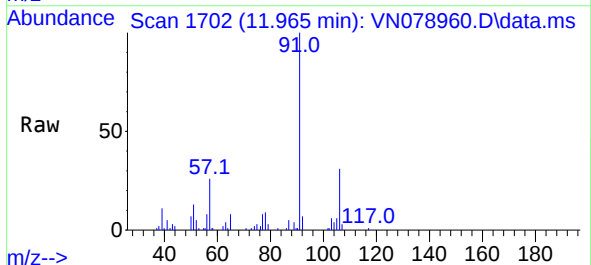
Instrument :
MSVOA_N
ClientSampleId :
SB-3

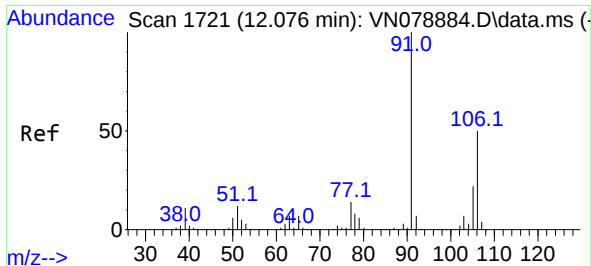
Tgt Ion:117 Resp: 396858
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 32.5 25.6 38.4



#67
Ethyl Benzene
Concen: 3.001 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

Tgt Ion: 91 Resp: 46104
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

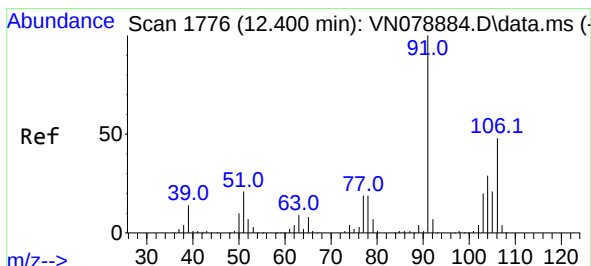
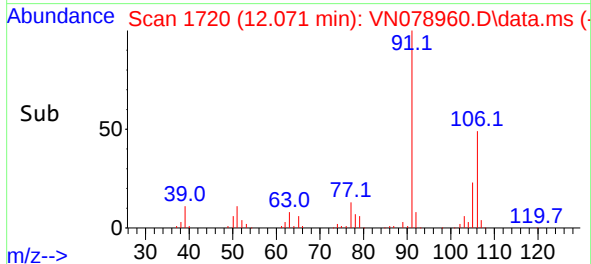
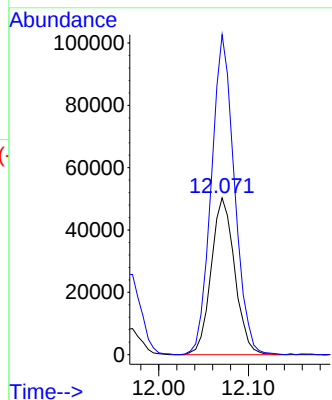
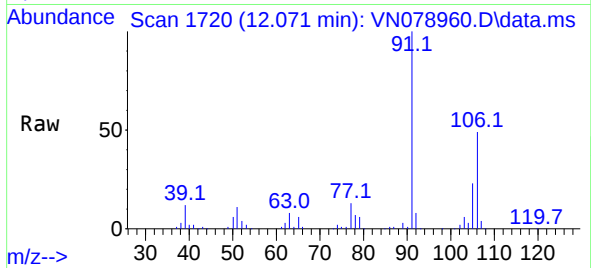




#68
m/p-Xylenes
Concen: 15.935 ug/l
RT: 12.071 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

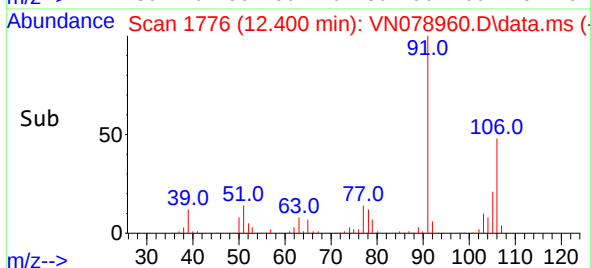
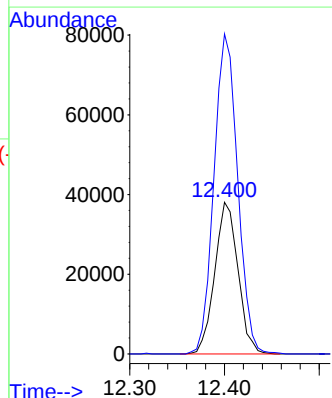
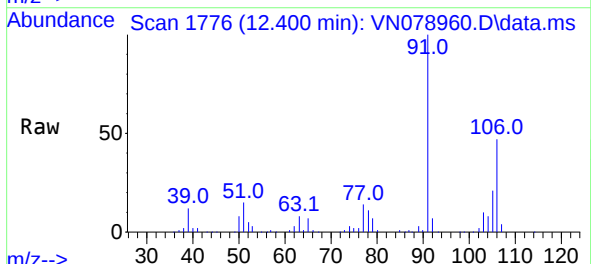
Instrument :
MSVOA_N
ClientSampleId :
SB-3

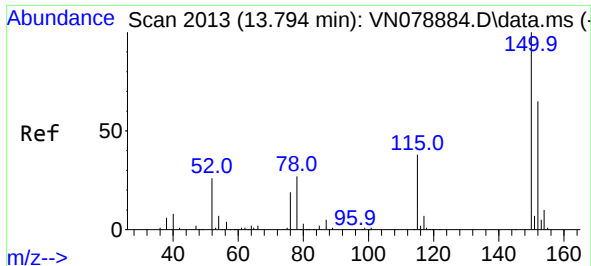
Tgt Ion:106 Resp: 91525
Ion Ratio Lower Upper
106 100
91 201.0 159.6 239.4



#69
o-Xylene
Concen: 11.620 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

Tgt Ion:106 Resp: 64925
Ion Ratio Lower Upper
106 100
91 214.7 105.2 315.5

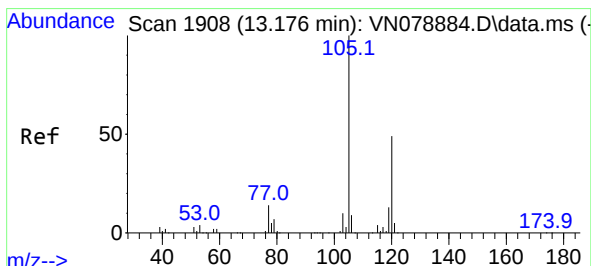
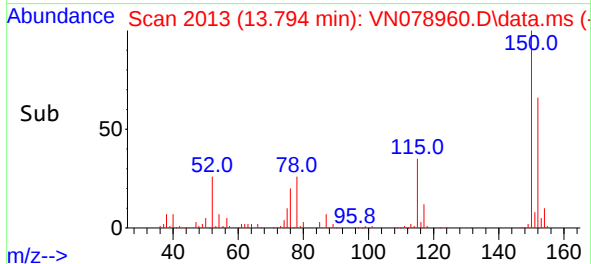
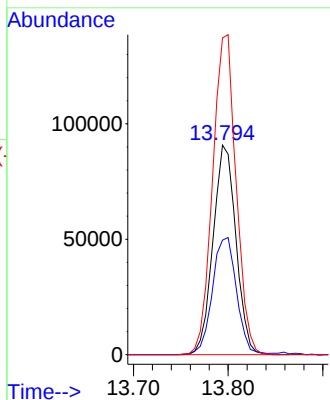
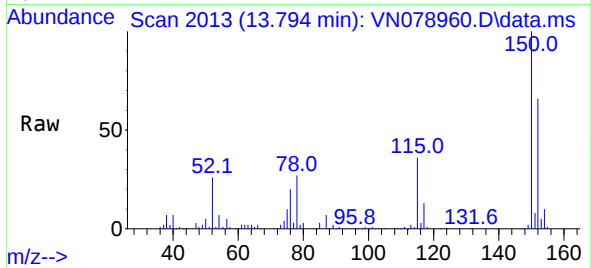




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

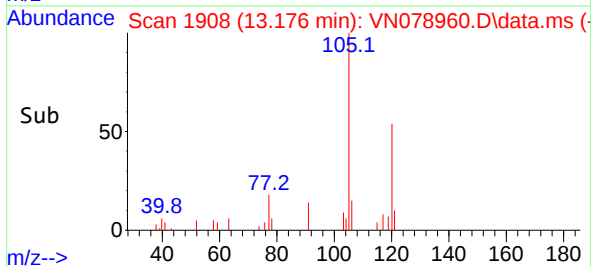
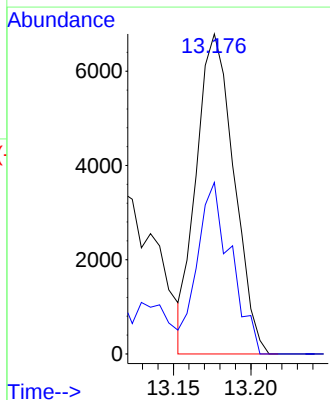
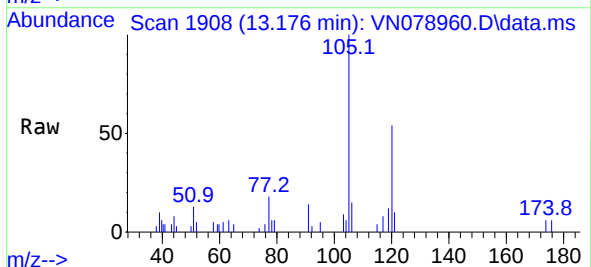
Instrument :
MSVOA_N
ClientSampleId :
SB-3

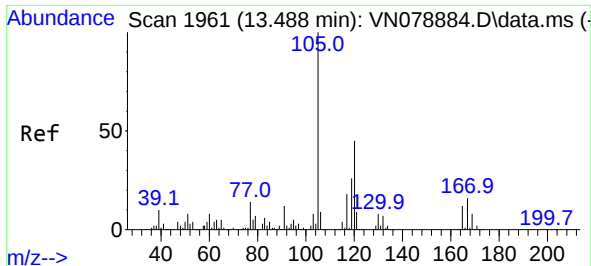
Tgt Ion:152 Resp: 152724
Ion Ratio Lower Upper
152 100
115 59.1 32.3 96.8
150 156.4 0.0 355.8



#80
1,3,5-Trimethylbenzene
Concen: 1.135 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

Tgt Ion:105 Resp: 11453
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3

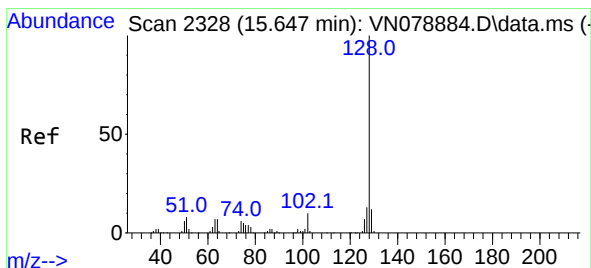
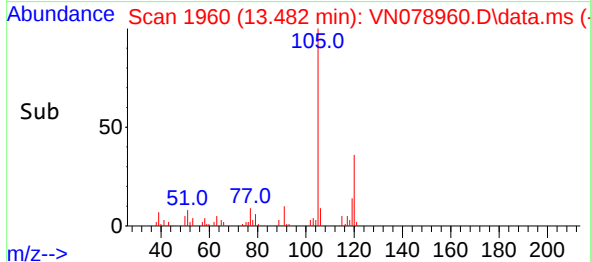
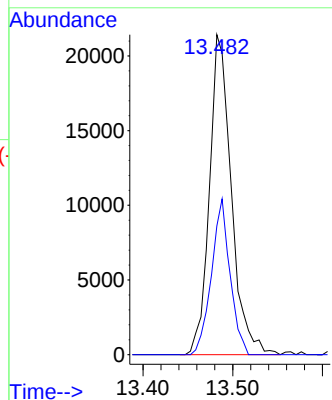
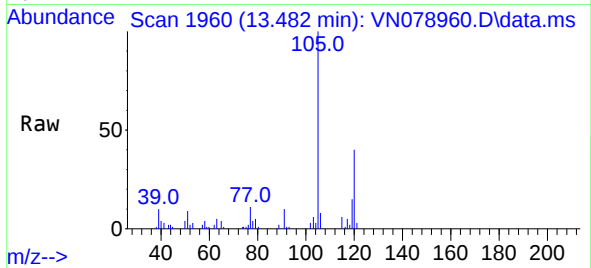




#84
1,2,4-Trimethylbenzene
Concen: 3.635 ug/l
RT: 13.482 min Scan# 1961
Delta R.T. -0.006 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

Instrument :
MSVOA_N
ClientSampleId :
SB-3

Tgt Ion:105 Resp: 36320
Ion Ratio Lower Upper
105 100
120 41.2 22.0 66.0



#95
Naphthalene
Concen: 41.260 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078960.D
Acq: 18 Aug 2023 22:25

Tgt Ion:128 Resp: 287043
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.0 8.7 13.1

