

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078958.D
 Acq On : 18 Aug 2023 21:37
 Operator : JC\MD
 Sample : 04071-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

Quant Time: Aug 18 23:50:47 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	210811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	402250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	389779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140260	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	167154	50.955	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.920%
35) Dibromofluoromethane	8.171	113	137391	50.740	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.480%
50) Toluene-d8	10.571	98	506743	50.402	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.853	95	158190	48.137	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.280%

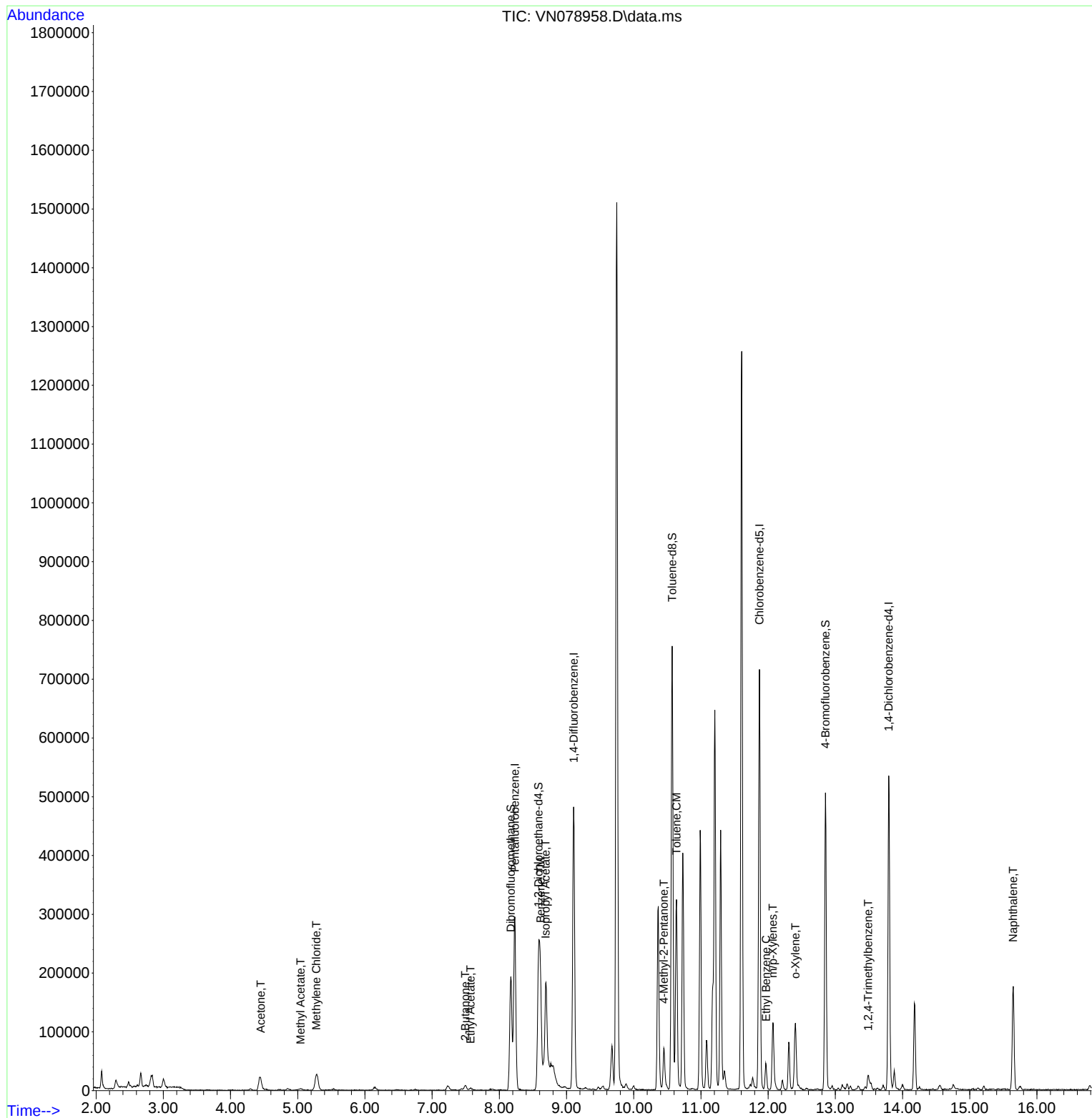
Target Compounds						Qvalue
16) Acetone	4.448	43	46294	34.202	ug/l #	78
18) Methyl Acetate	5.042	43	6639	1.161	ug/l #	58
20) Methylene Chloride	5.277	84	20462	7.094	ug/l #	80
25) 2-Butanone	7.494	43	12902	5.945	ug/l #	77
37) Ethyl Acetate	7.571	43	5256	1.153	ug/l #	77
40) Benzene	8.612	78	173287	14.394	ug/l	99
43) Isopropyl Acetate	8.688	43	255612	31.734	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	49493	10.360	ug/l #	81
52) Toluene	10.635	92	135916	18.388	ug/l	96
67) Ethyl Benzene	11.971	91	19121	1.267	ug/l	100
68) m/p-Xylenes	12.071	106	35610	6.312	ug/l	97
69) o-Xylene	12.406	106	25077	4.570	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	16296	1.776	ug/l	90
95) Naphthalene	15.647	128	158964	25.902	ug/l	99

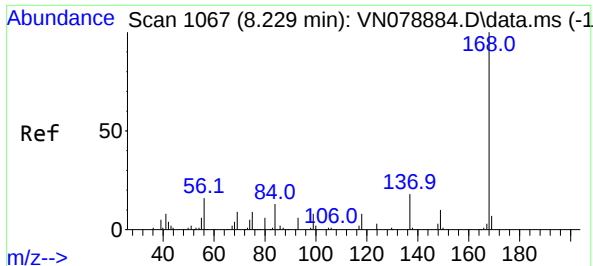
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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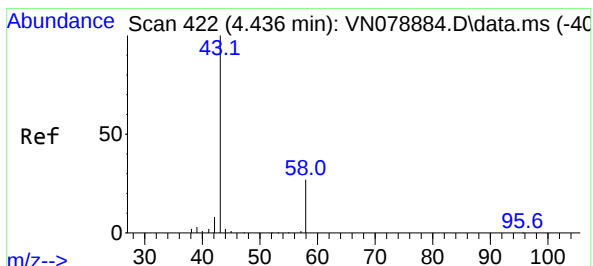
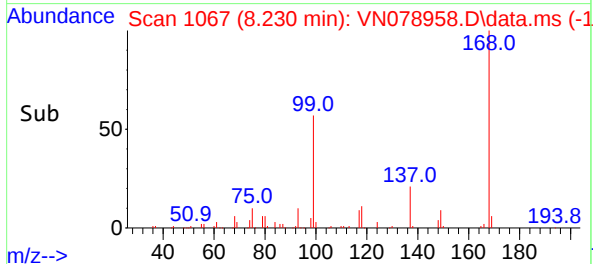
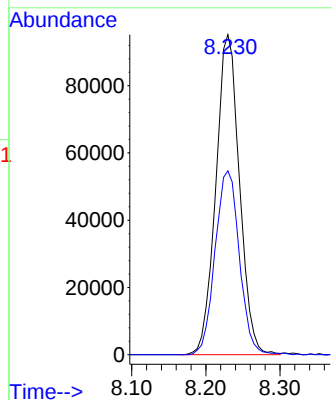
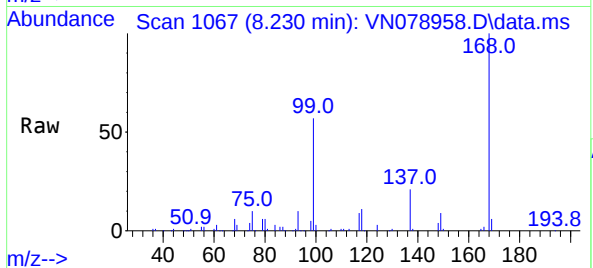




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

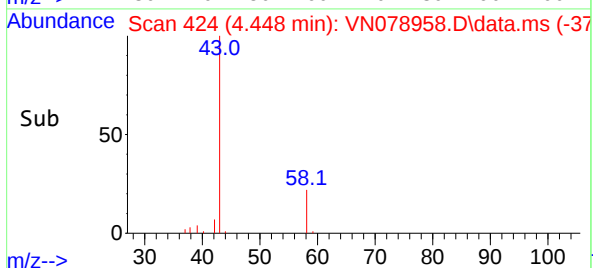
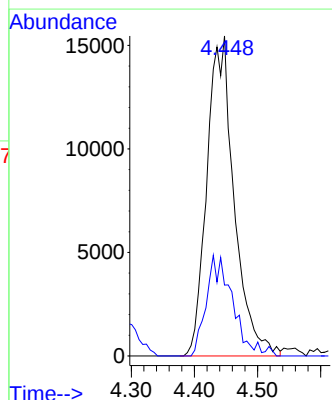
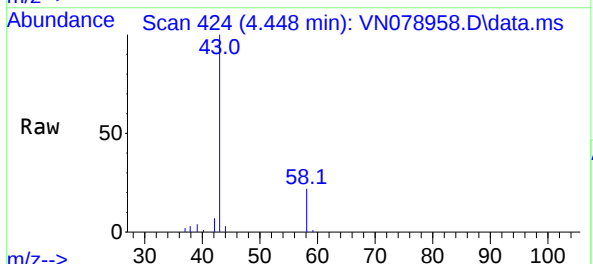
Instrument :
MSVOA_N
ClientSampleId :
SB-1

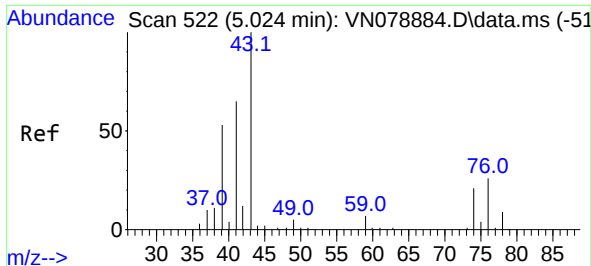
Tgt Ion:168 Resp: 210811
Ion Ratio Lower Upper
168 100
99 57.5 53.0 79.6



#16
Acetone
Concen: 34.202 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

Tgt Ion: 43 Resp: 46294
Ion Ratio Lower Upper
43 100
58 22.2 28.0 42.0#

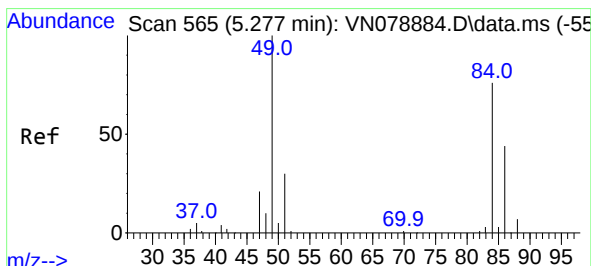
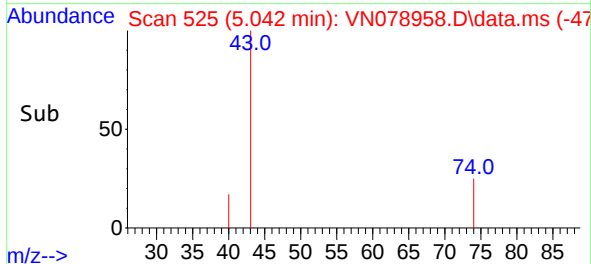
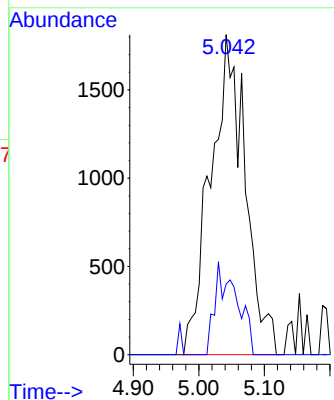
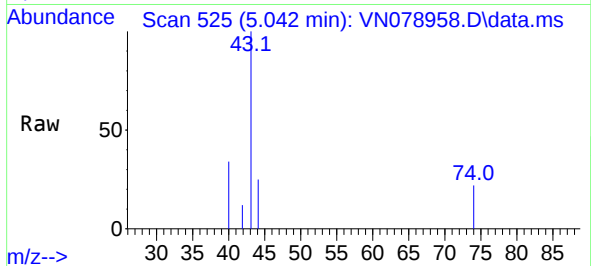




#18
Methyl Acetate
Concen: 1.161 ug/l
RT: 5.042 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

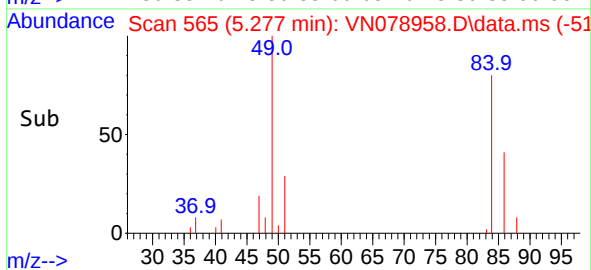
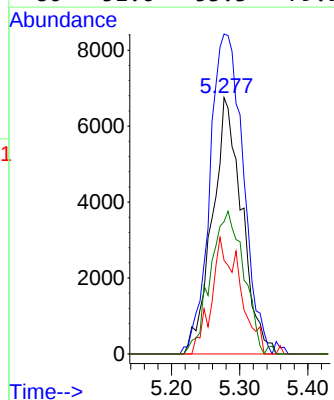
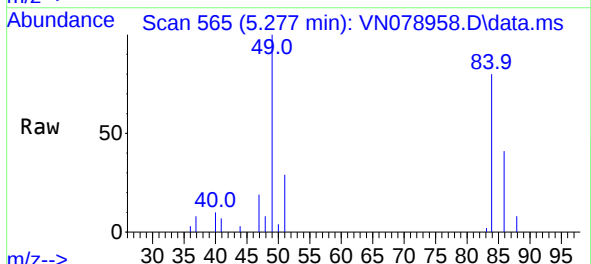
Instrument :
MSVOA_N
ClientSampleId :
SB-1

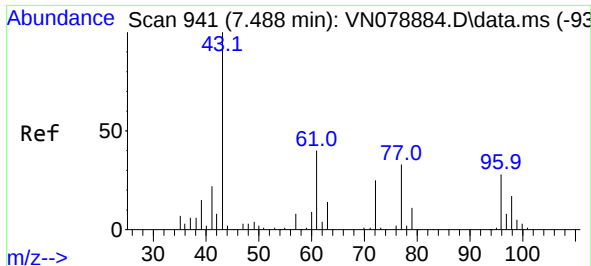
Tgt Ion: 43 Resp: 6639
Ion Ratio Lower Upper
43 100
74 9.0 26.2 39.4#



#20
Methylene Chloride
Concen: 7.094 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

Tgt Ion: 84 Resp: 20462
Ion Ratio Lower Upper
84 100
49 124.8 79.7 119.5#
51 36.5 25.2 37.8
86 51.6 53.3 79.9#

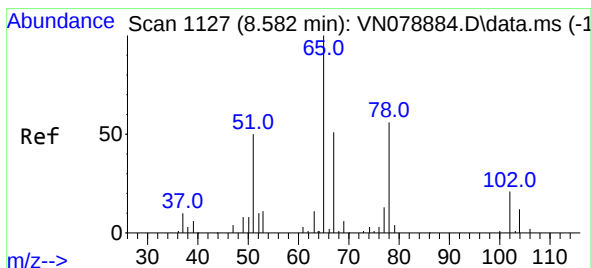
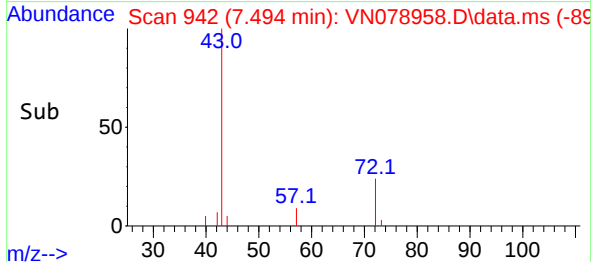
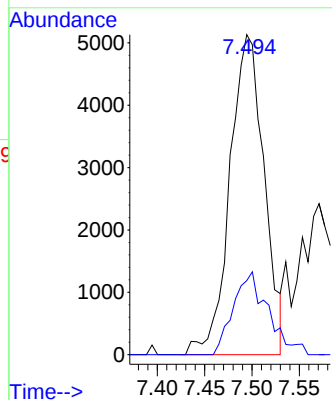
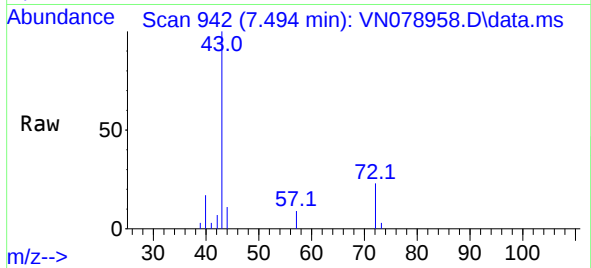




#25
2-Butanone
Concen: 5.945 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

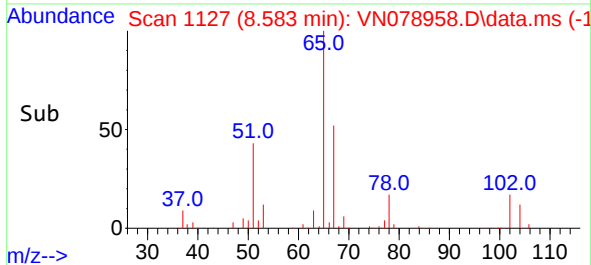
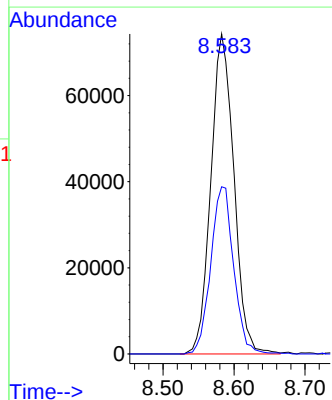
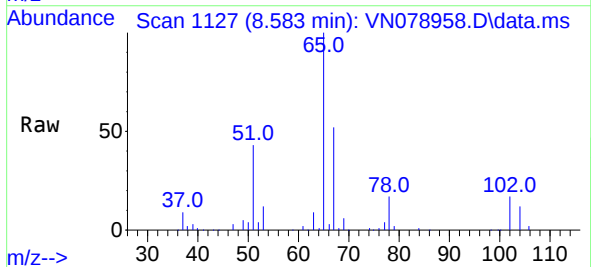
Instrument :
MSVOA_N
ClientSampleId :
SB-1

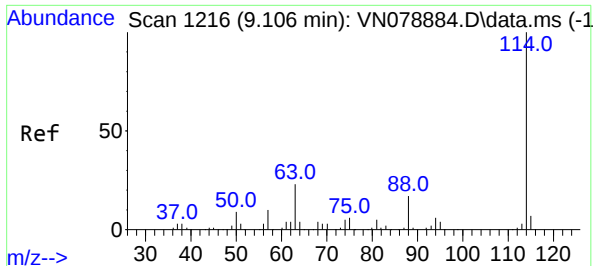
Tgt Ion: 43 Resp: 12902
Ion Ratio Lower Upper
43 100
72 24.0 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 50.955 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

Tgt Ion: 65 Resp: 167154
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6

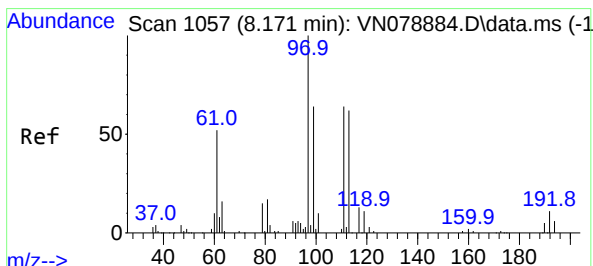
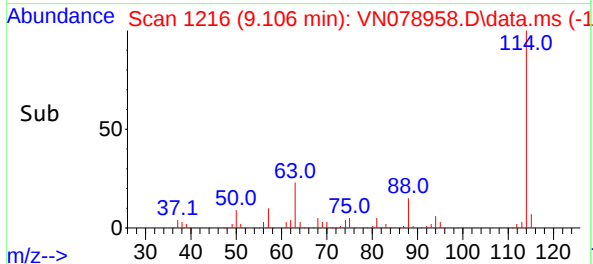
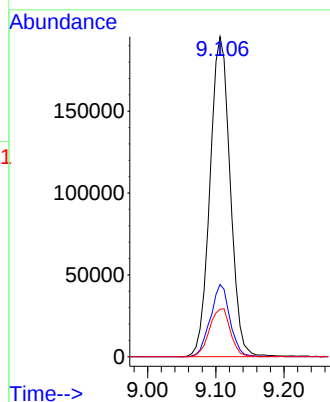
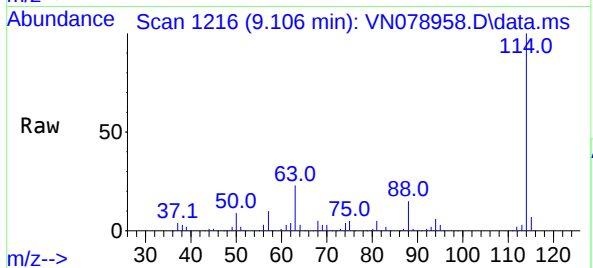




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

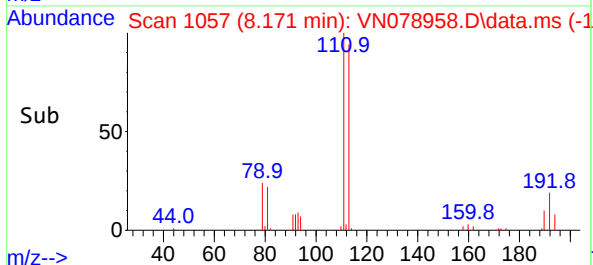
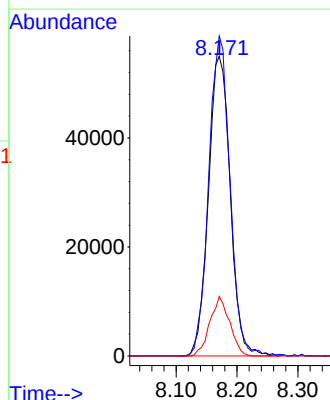
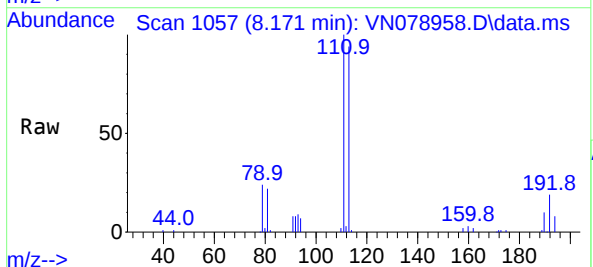
Instrument :
MSVOA_N
ClientSampleId :
SB-1

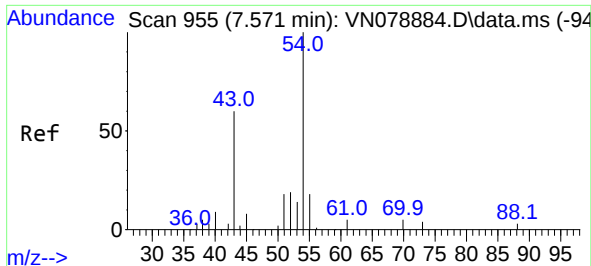
Tgt Ion:114 Resp: 402250
Ion Ratio Lower Upper
114 100
63 22.6 0.0 36.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.740 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

Tgt Ion:113 Resp: 137391
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 17.9 12.7 19.1



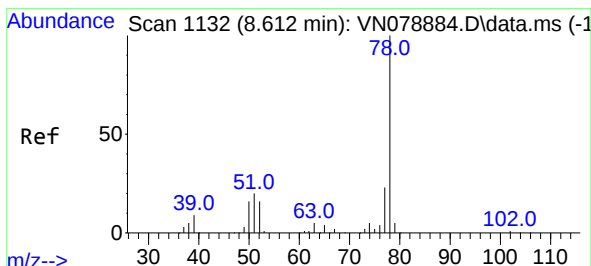
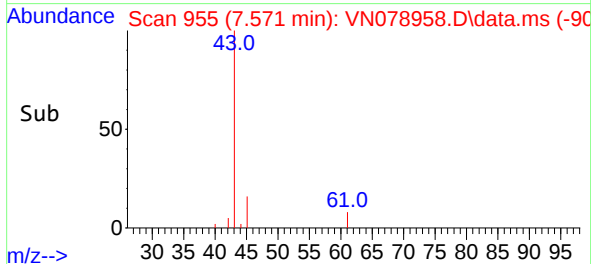
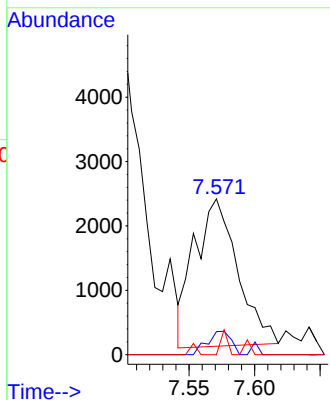
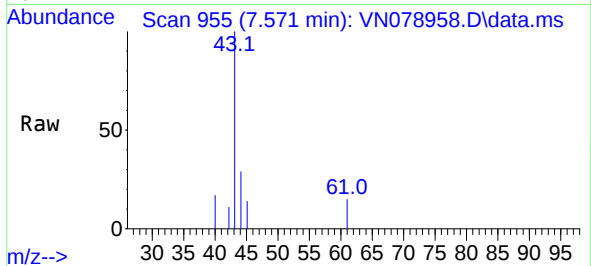


#37
Ethyl Acetate
Concen: 1.153 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tgt Ion: 43 Resp: 5256

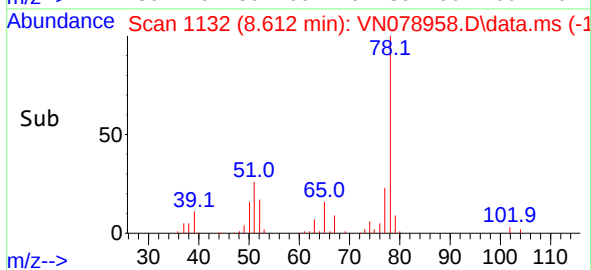
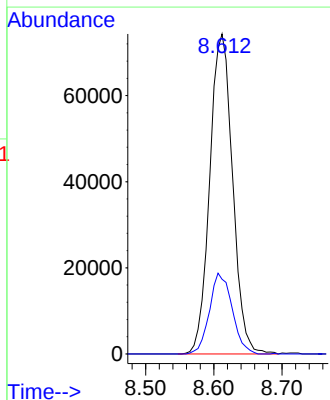
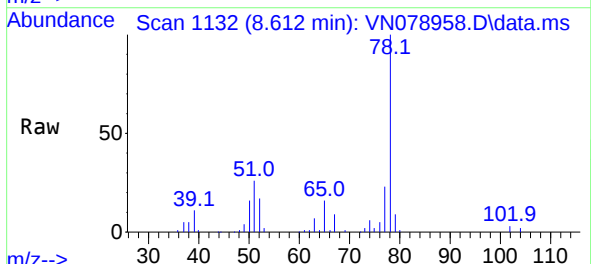
Ion	Ratio	Lower	Upper
43	100		
61	8.7	13.2	19.8#
70	2.6	11.3	16.9#

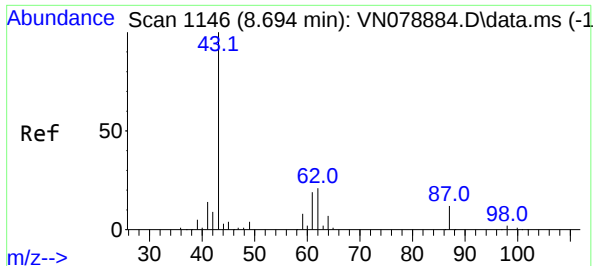


#40
Benzene
Concen: 14.394 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

Tgt Ion: 78 Resp: 173287

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6

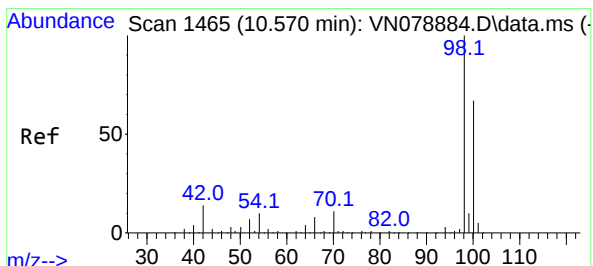
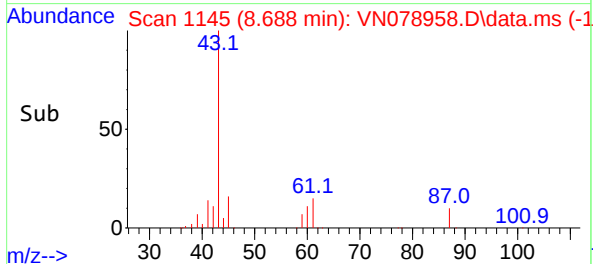
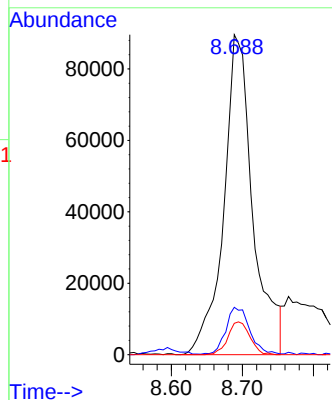
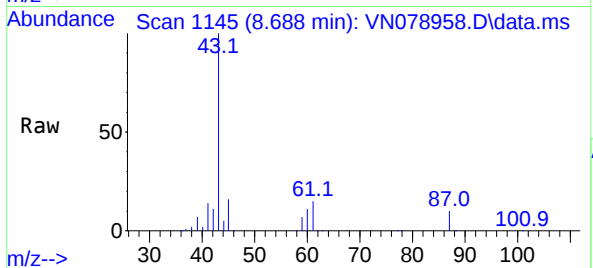




#43
Isopropyl Acetate
Concen: 31.734 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

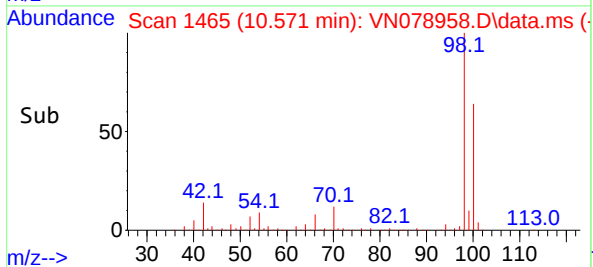
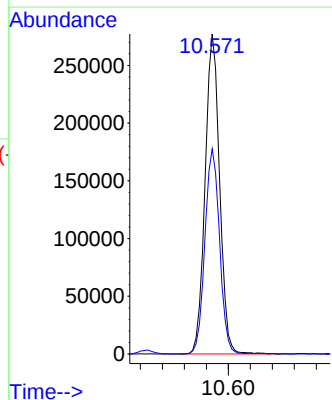
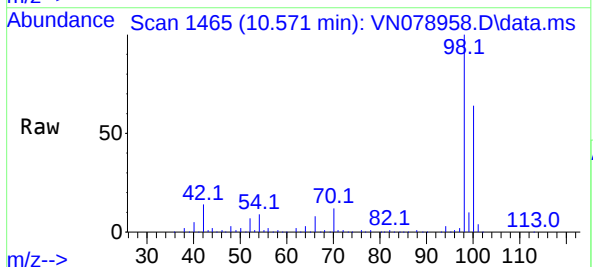
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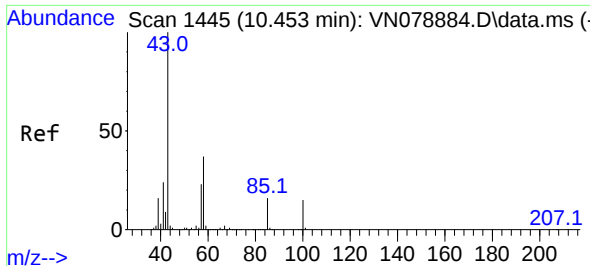
Tgt Ion: 43 Resp: 255612
Ion Ratio Lower Upper
43 100
61 12.2 24.7 37.1#
87 7.7 14.6 21.8#



#50
Toluene-d8
Concen: 50.402 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

Tgt Ion: 98 Resp: 506743
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

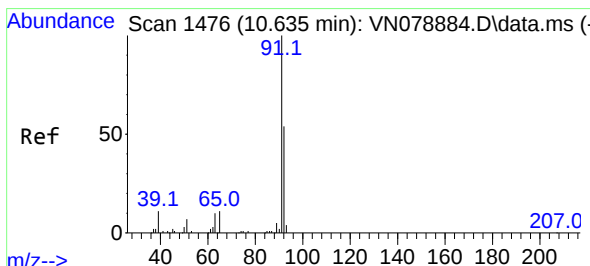
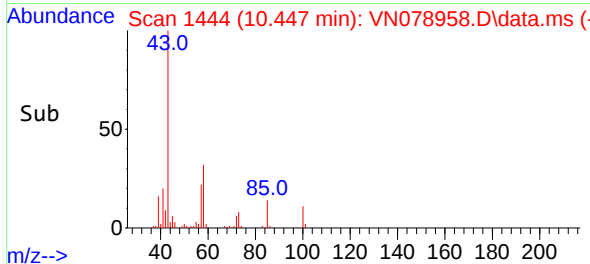
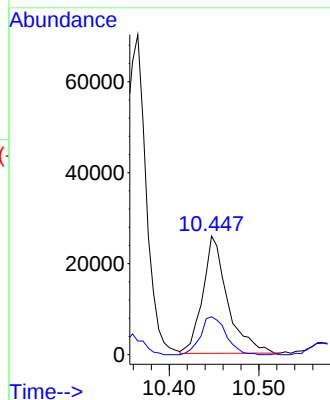
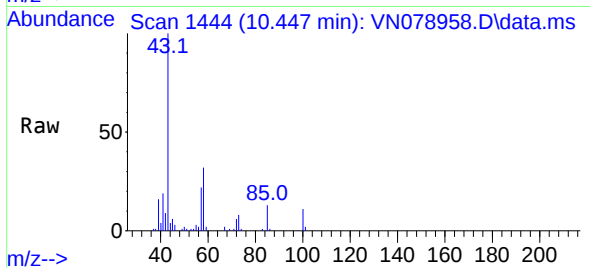




#51
4-Methyl-2-Pentanone
Concen: 10.360 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

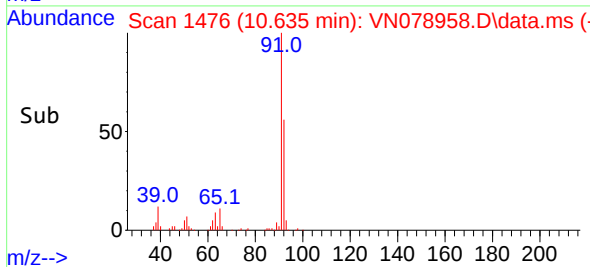
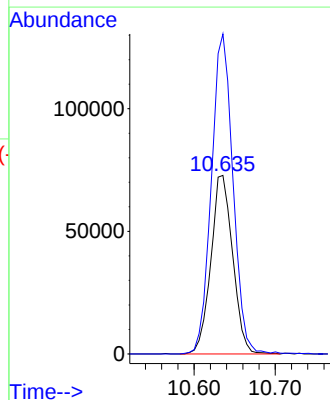
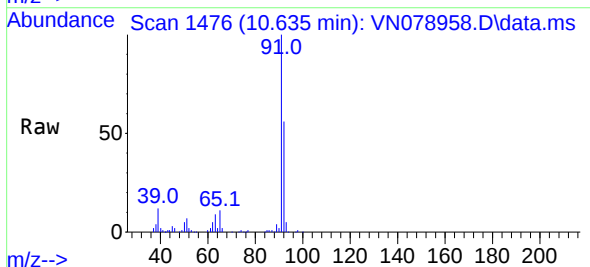
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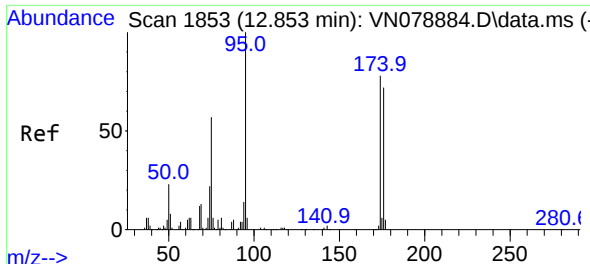
Tgt Ion: 43 Resp: 49493
Ion Ratio Lower Upper
43 100
58 33.2 36.6 54.8#



#52
Toluene
Concen: 18.388 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

Tgt Ion: 92 Resp: 135916
Ion Ratio Lower Upper
92 100
91 177.6 137.4 206.0

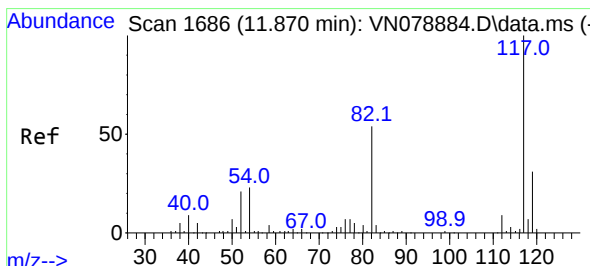
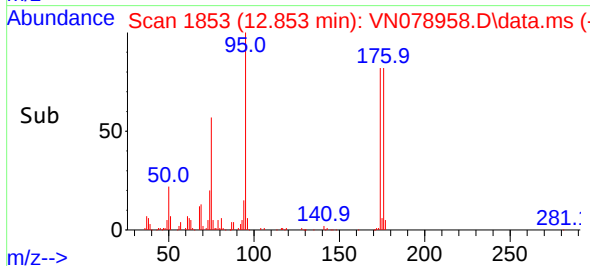
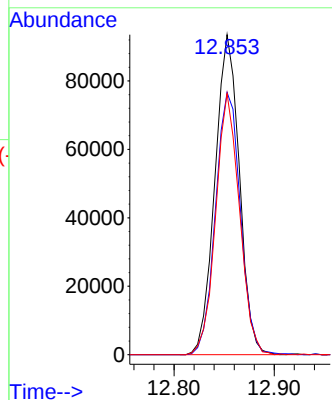
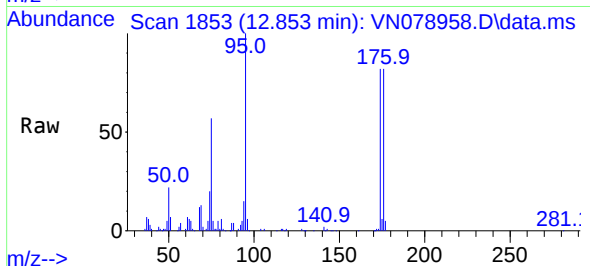




#62
4-Bromofluorobenzene
Concen: 48.137 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

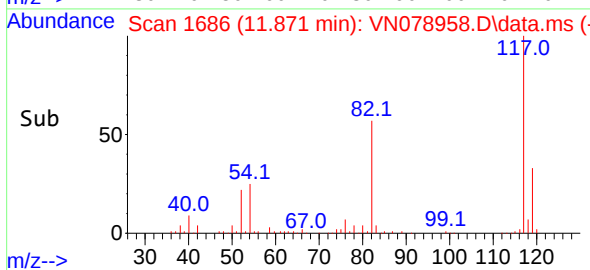
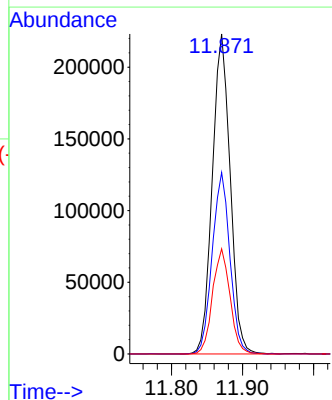
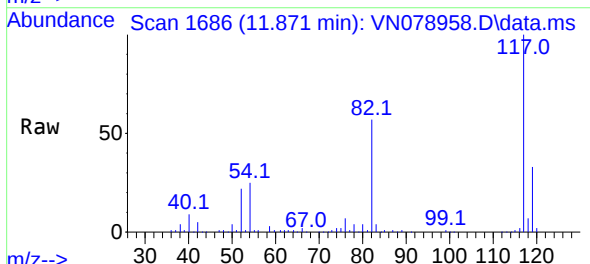
Instrument :
MSVOA_N
ClientSampleId :
SB-1

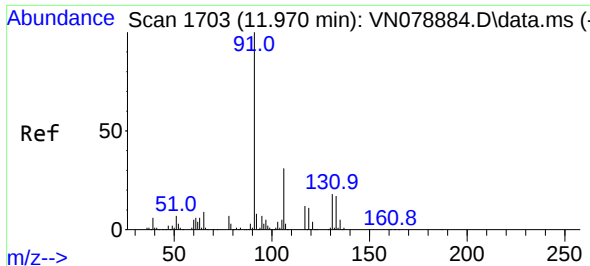
Tgt Ion: 95 Resp: 158190
Ion Ratio Lower Upper
95 100
174 83.8 0.0 143.8
176 79.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

Tgt Ion: 117 Resp: 389779
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 32.9 25.6 38.4

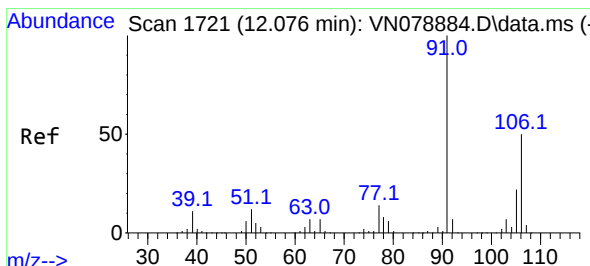
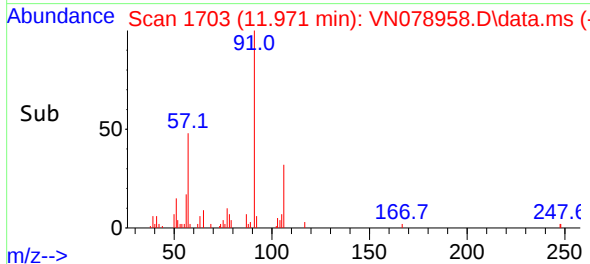
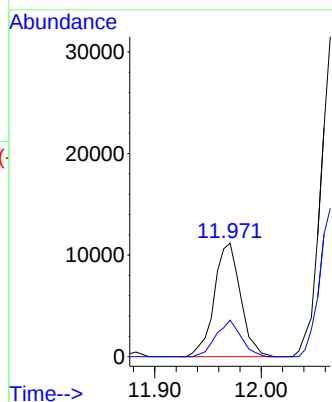
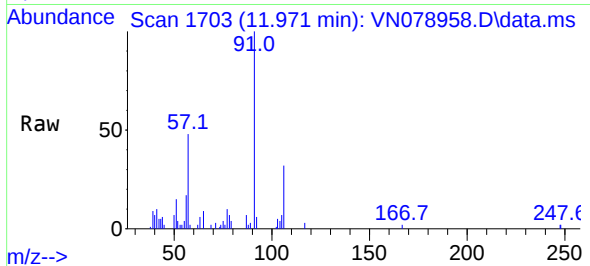




#67
Ethyl Benzene
Concen: 1.267 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

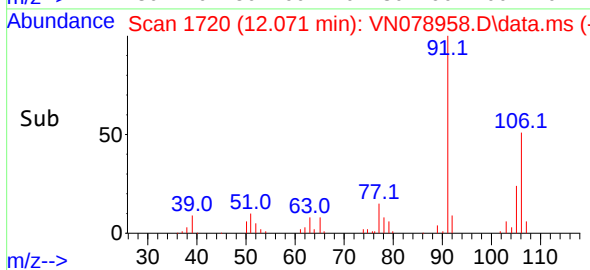
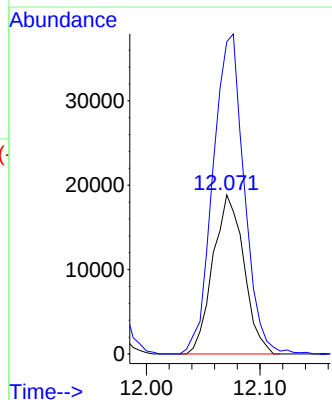
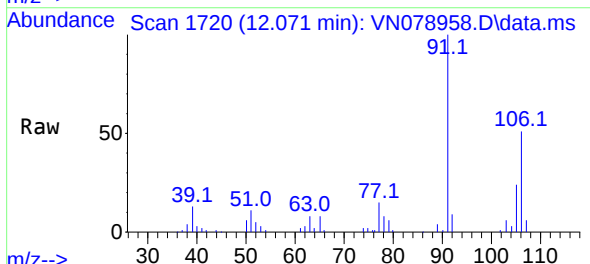
Instrument :
MSVOA_N
ClientSampleId :
SB-1

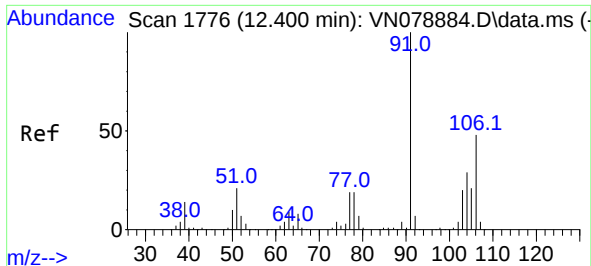
Tgt Ion: 91 Resp: 19121
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4



#68
m/p-Xylenes
Concen: 6.312 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

Tgt Ion:106 Resp: 35610
Ion Ratio Lower Upper
106 100
91 203.4 159.6 239.4

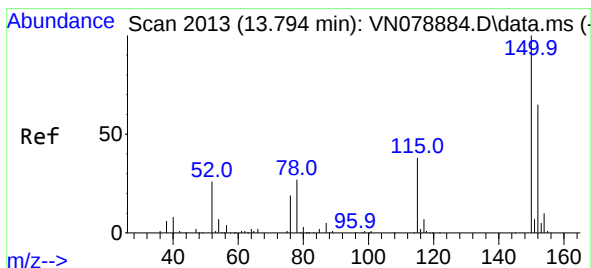
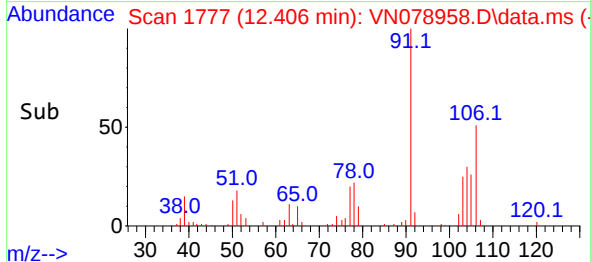
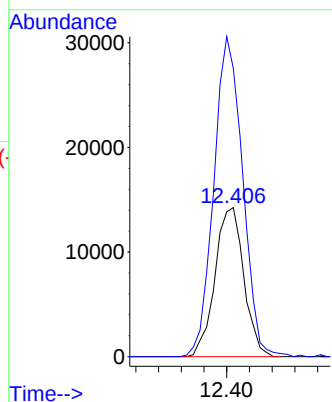
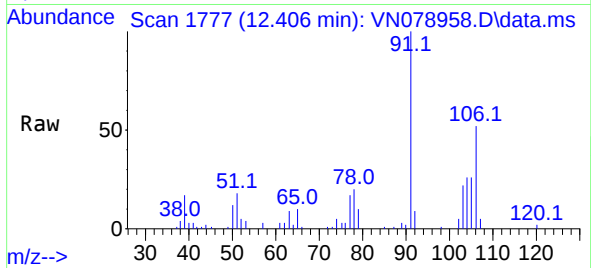




#69
o-Xylene
Concen: 4.570 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

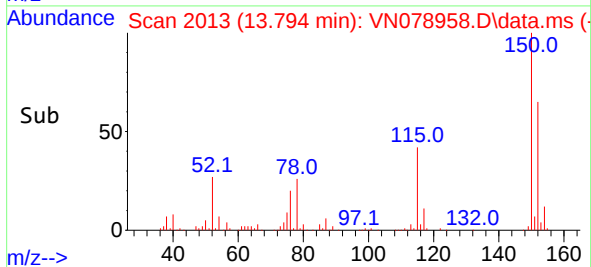
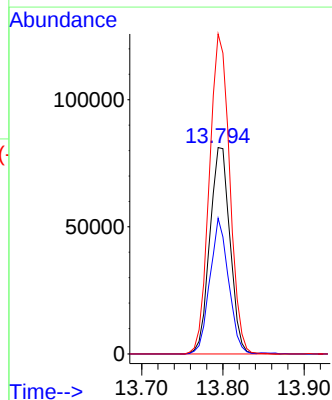
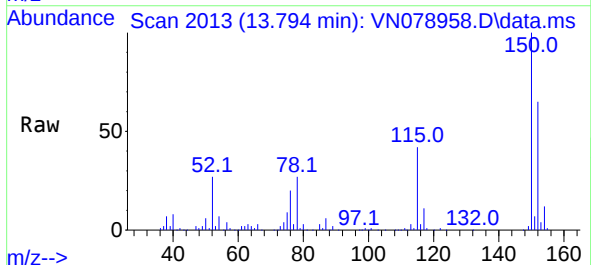
Instrument :
MSVOA_N
ClientSampleId :
SB-1

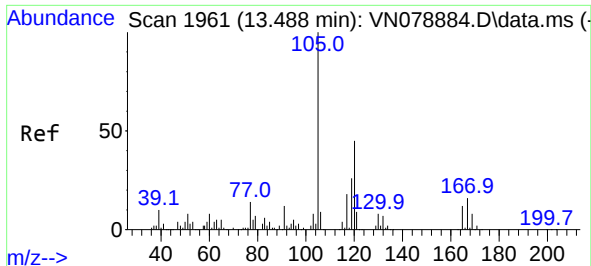
Tgt Ion:106 Resp: 25077
Ion Ratio Lower Upper
106 100
91 215.2 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

Tgt Ion:152 Resp: 140260
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 155.9 0.0 355.8

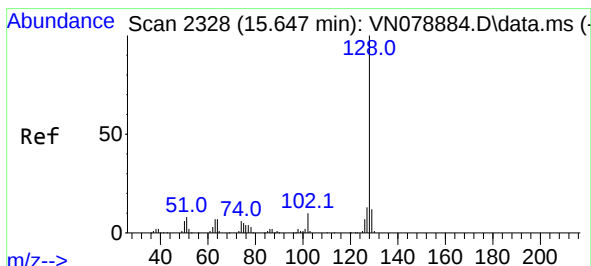
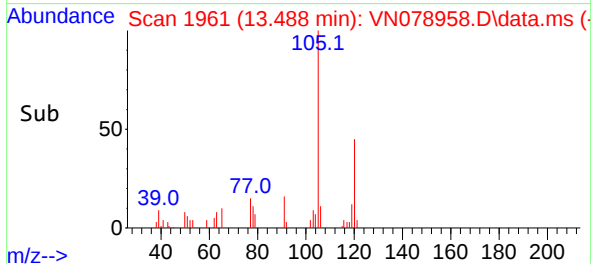
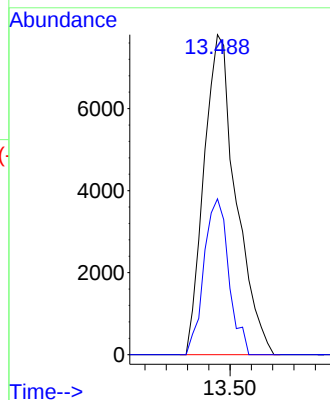
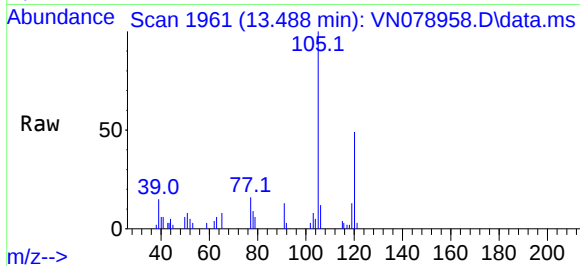




#84
1,2,4-Trimethylbenzene
Concen: 1.776 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tgt Ion:105 Resp: 16296
Ion Ratio Lower Upper
105 100
120 37.7 22.0 66.0



#95
Naphthalene
Concen: 25.902 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078958.D
Acq: 18 Aug 2023 21:37

Tgt Ion:128 Resp: 158964
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.6 8.7 13.1

