

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078963.D
 Acq On : 18 Aug 2023 23:38
 Operator : JC\MD
 Sample : 04071-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-6

Quant Time: Aug 19 06:09:07 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)

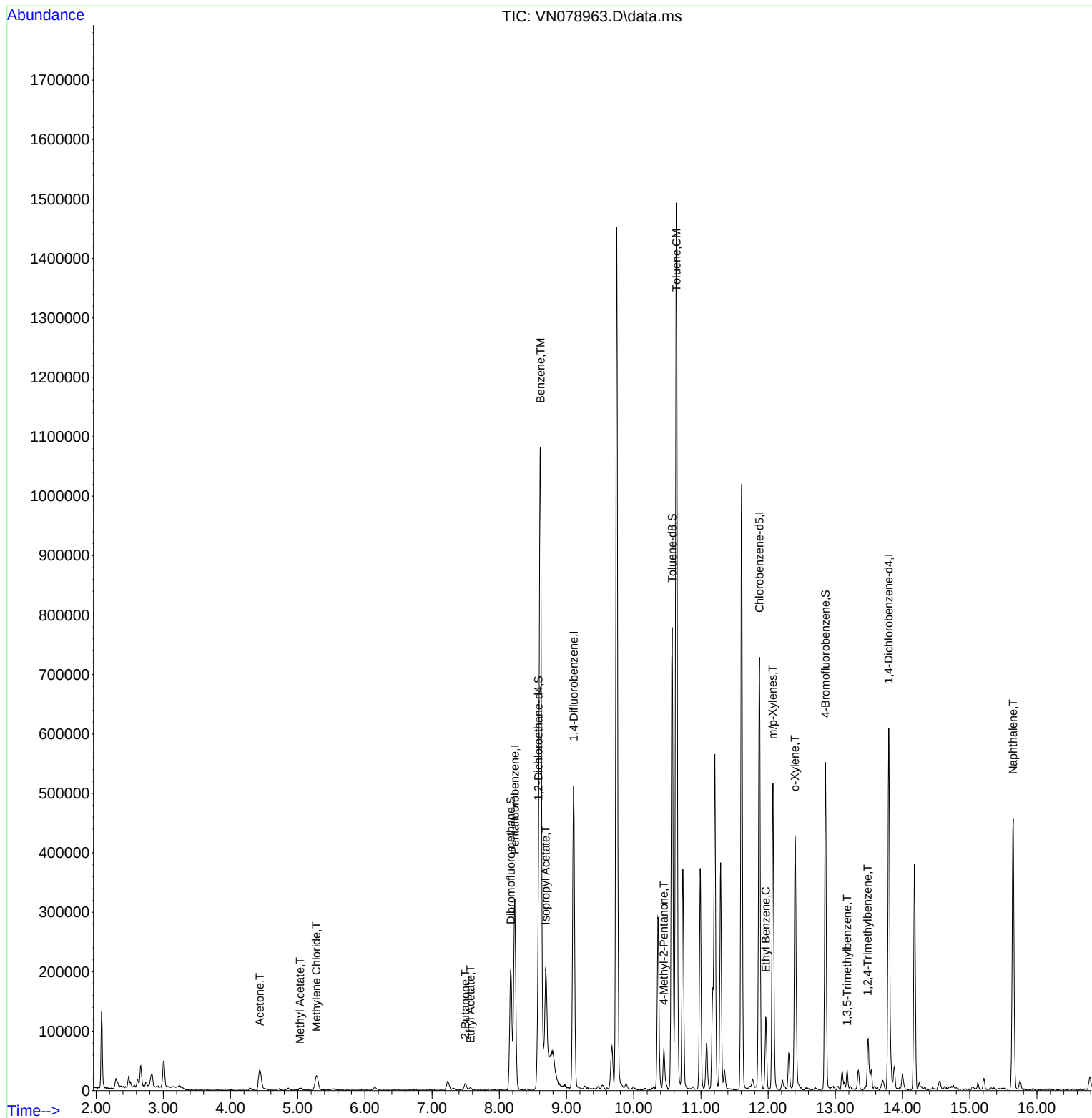
Internal Standards						
1) Pentafluorobenzene	8.230	168	225985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	435088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	404475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	177348	50.433	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.860%			
35) Dibromofluoromethane	8.171	113	146624	50.063	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.120%			
50) Toluene-d8	10.571	98	530769	48.807	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.620%			
62) 4-Bromofluorobenzene	12.853	95	174798	49.176	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.360%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	69172	47.673	ug/l #	86
18) Methyl Acetate	5.036	43	7349	1.199	ug/l #	69
20) Methylene Chloride	5.277	84	18162	5.874	ug/l #	75
25) 2-Butanone	7.494	43	18157	7.805	ug/l #	80
37) Ethyl Acetate	7.571	43	5077	1.030	ug/l #	90
40) Benzene	8.612	78	1037772	79.693	ug/l	99
43) Isopropyl Acetate	8.688	43	284743	32.682	ug/l #	68
51) 4-Methyl-2-Pentanone	10.447	43	48953	9.473	ug/l #	82
52) Toluene	10.635	92	636388	79.598	ug/l	99
67) Ethyl Benzene	11.965	91	73295	4.681	ug/l	99
68) m/p-Xylenes	12.071	106	153632	26.244	ug/l	99
69) o-Xylene	12.400	106	102726	18.039	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	15373	1.469	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	52224	5.040	ug/l	93
95) Naphthalene	15.647	128	411670	56.078	ug/l	98

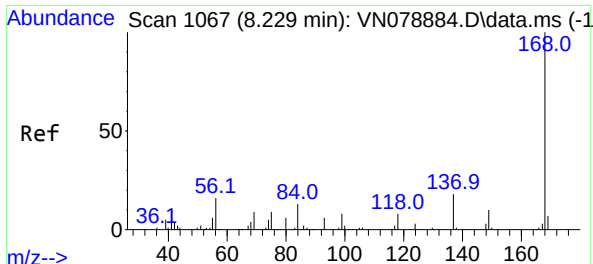
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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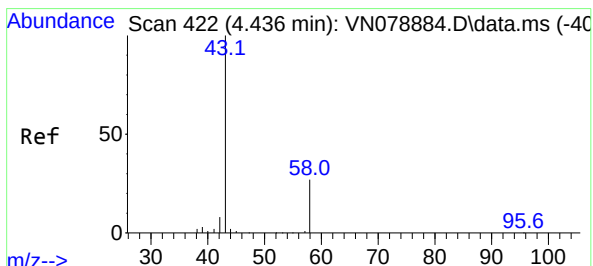
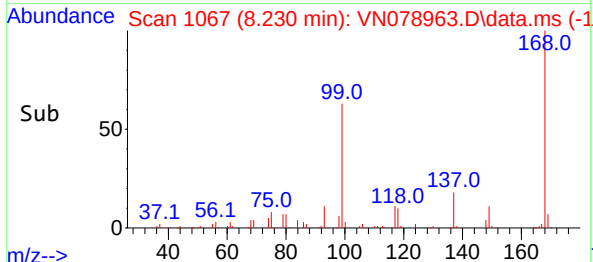
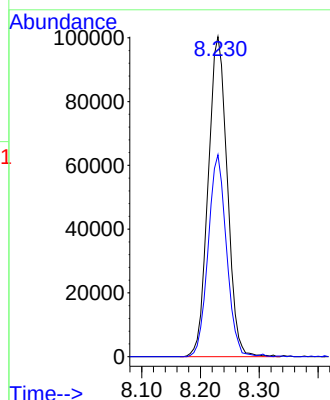
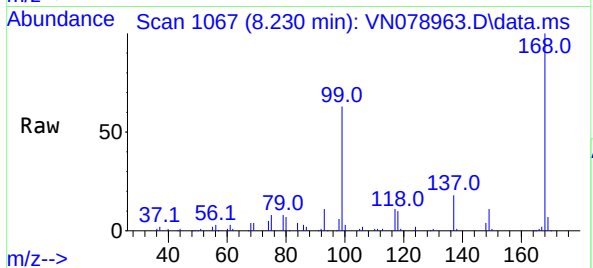




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

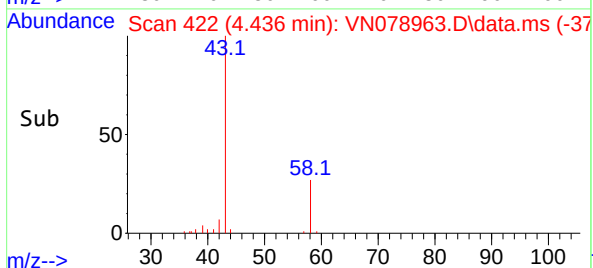
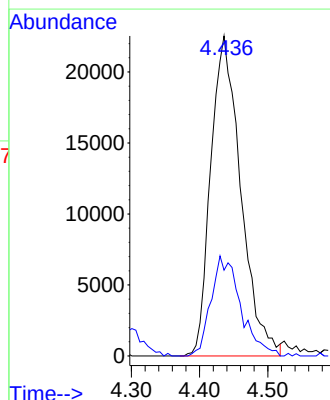
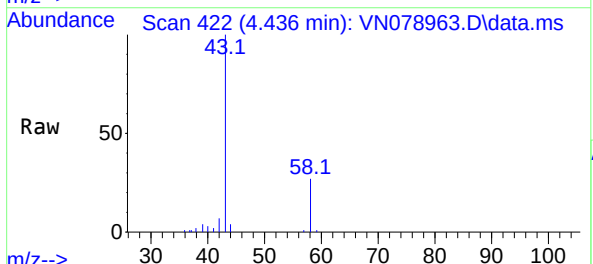
Instrument :
MSVOA_N
ClientSampleId :
SB-6

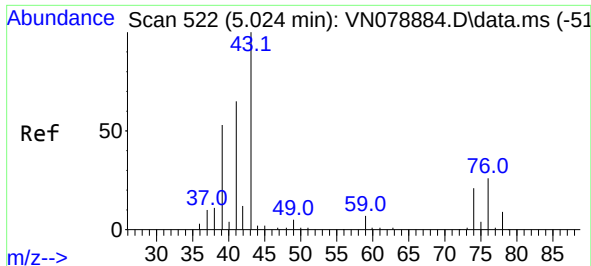
Tgt Ion:168 Resp: 225985
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#16
Acetone
Concen: 47.673 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion: 43 Resp: 69172
Ion Ratio Lower Upper
43 100
58 26.8 28.0 42.0#

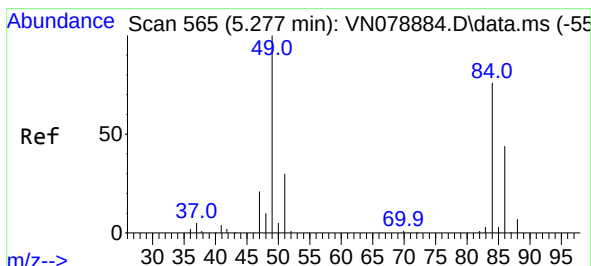
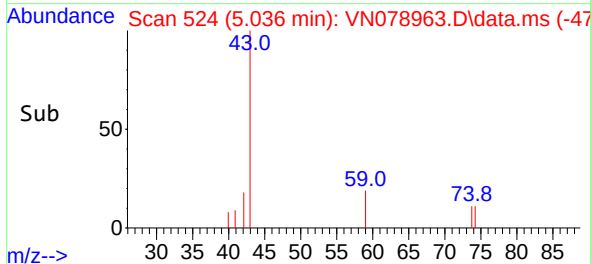
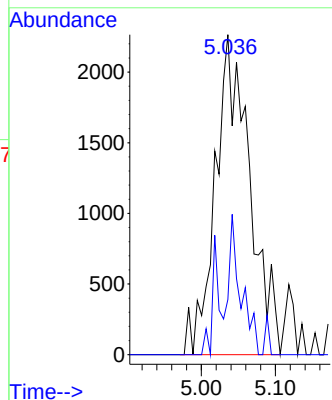
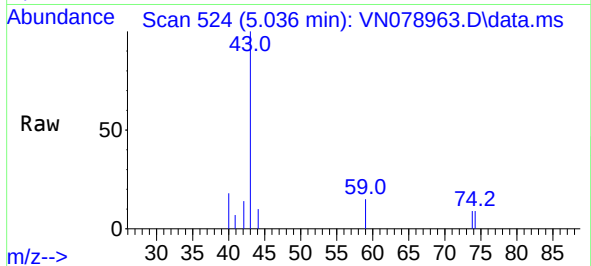




#18
Methyl Acetate
Concen: 1.199 ug/l
RT: 5.036 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

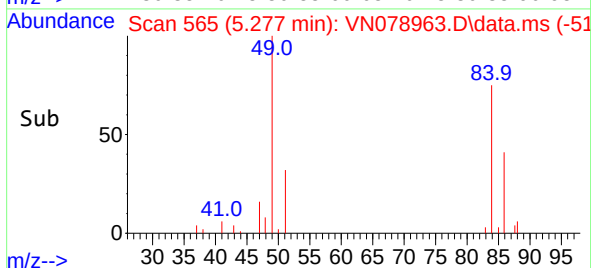
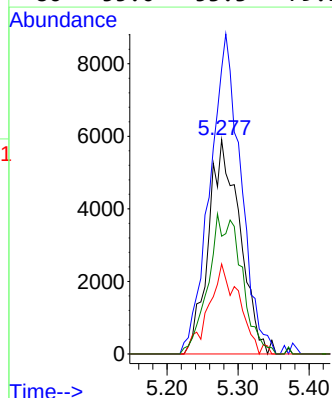
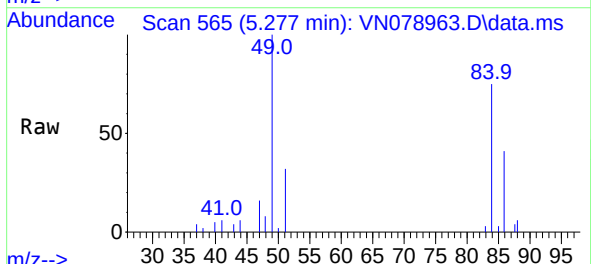
Instrument :
MSVOA_N
ClientSampleId :
SB-6

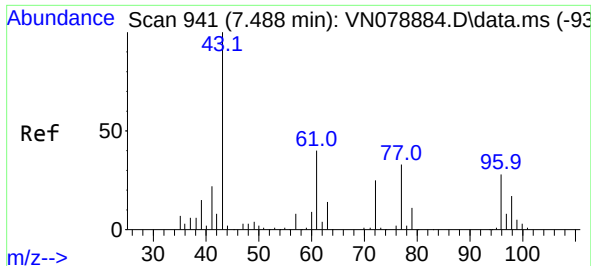
Tgt Ion: 43 Resp: 7349
Ion Ratio Lower Upper
43 100
74 15.3 26.2 39.4#



#20
Methylene Chloride
Concen: 5.874 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion: 84 Resp: 18162
Ion Ratio Lower Upper
84 100
49 133.1 79.7 119.5#
51 42.0 25.2 37.8#
86 55.0 53.3 79.9

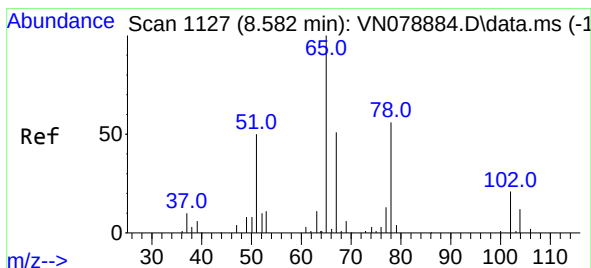
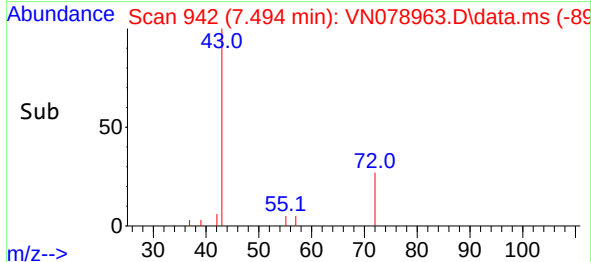
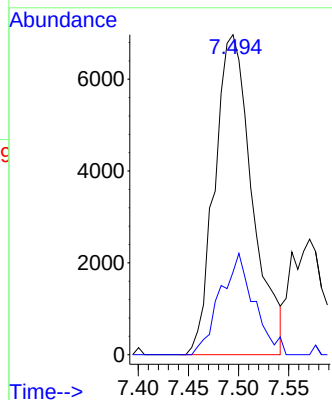
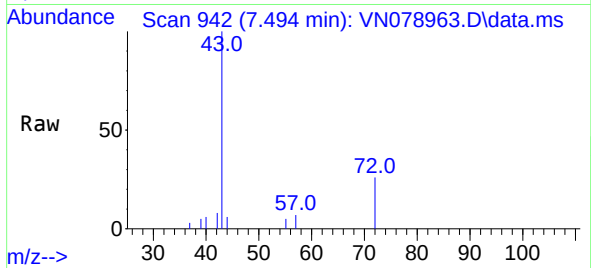




#25
2-Butanone
Concen: 7.805 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

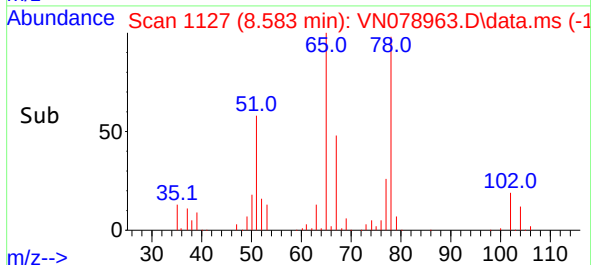
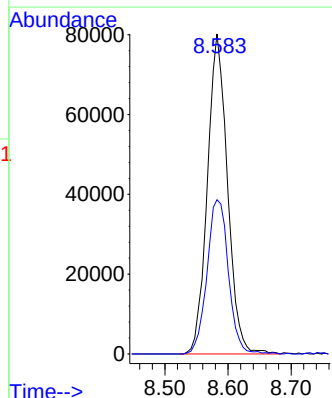
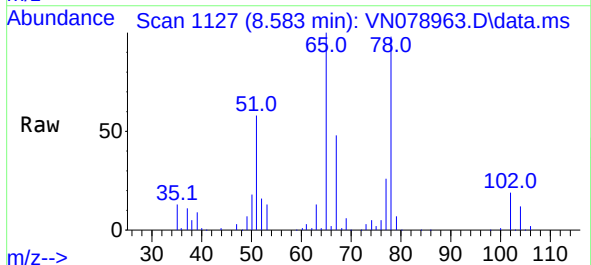
Instrument :
MSVOA_N
ClientSampleId :
SB-6

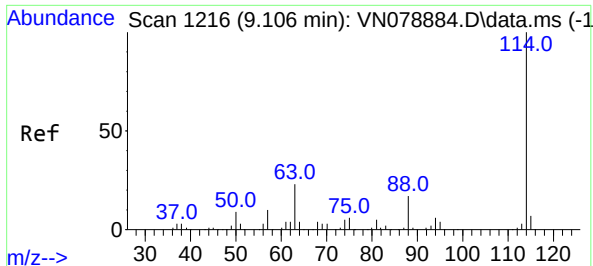
Tgt Ion: 43 Resp: 18157
Ion Ratio Lower Upper
43 100
72 25.8 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 50.433 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion: 65 Resp: 177348
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.6

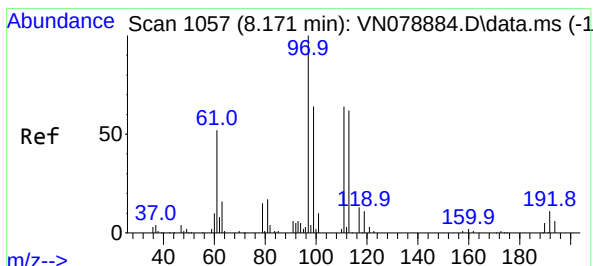
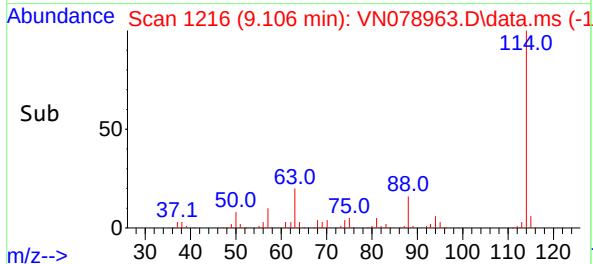
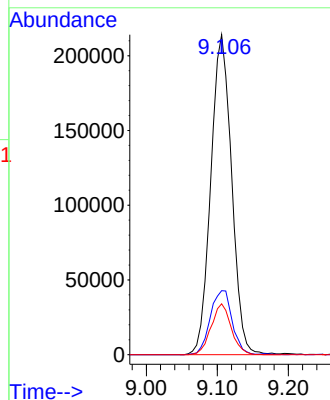
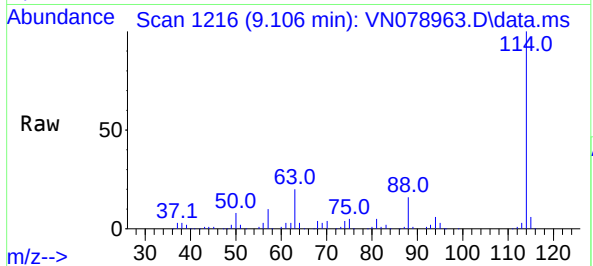




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

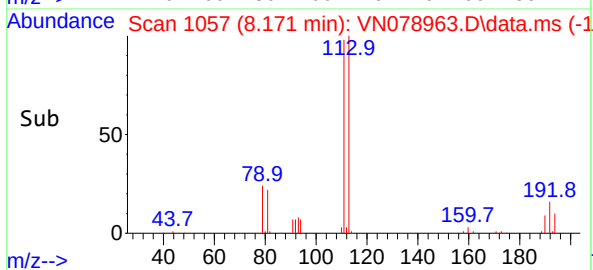
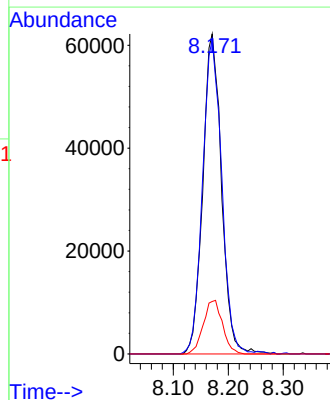
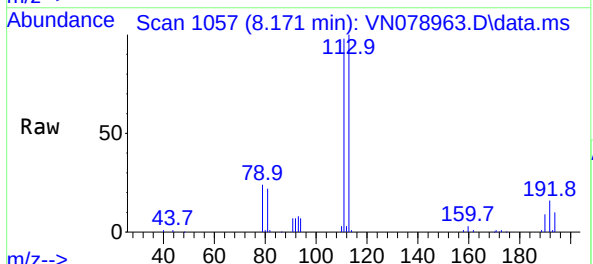
Instrument :
MSVOA_N
ClientSampleId :
SB-6

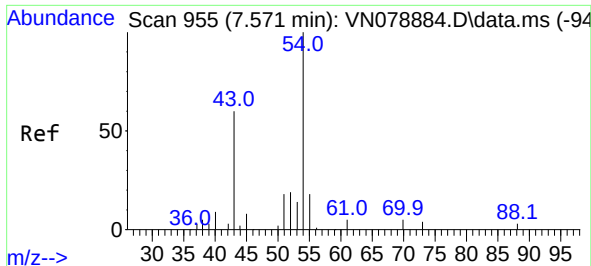
Tgt Ion:114 Resp: 435088
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.063 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion:113 Resp: 146624
Ion Ratio Lower Upper
113 100
111 100.7 82.6 123.8
192 17.3 12.7 19.1

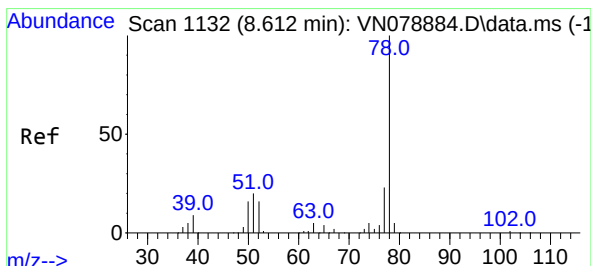
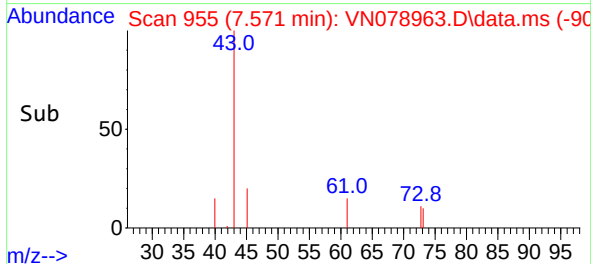
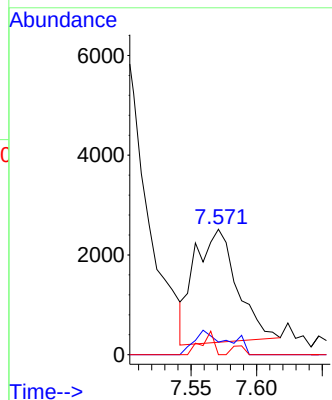
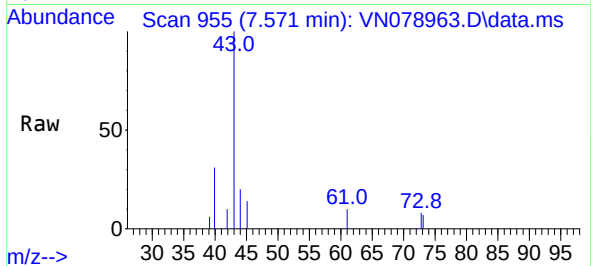




#37
Ethyl Acetate
Concen: 1.030 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

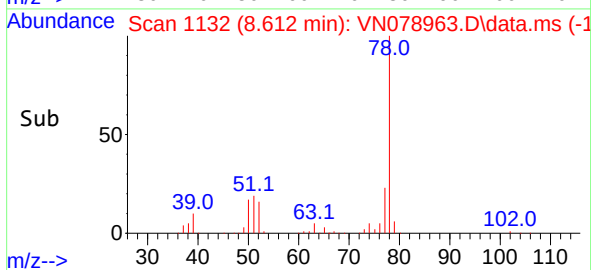
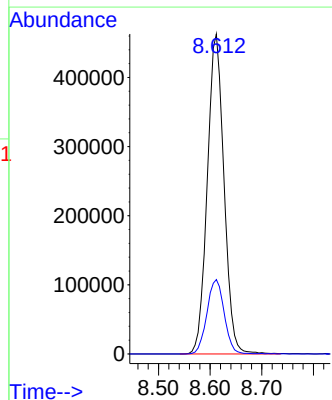
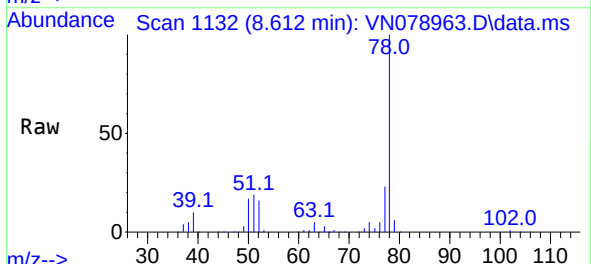
Instrument :
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ClientSampleId :
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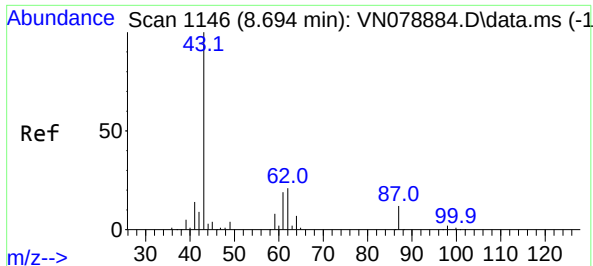
Tgt Ion: 43 Resp: 5077
Ion Ratio Lower Upper
43 100
61 17.2 13.2 19.8
70 6.1 11.3 16.9#



#40
Benzene
Concen: 79.693 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion: 78 Resp: 1037772
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





#43

Isopropyl Acetate

Concen: 32.682 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN078963.D

Acq: 18 Aug 2023 23:38

Instrument :

MSVOA_N

ClientSampleId :

SB-6

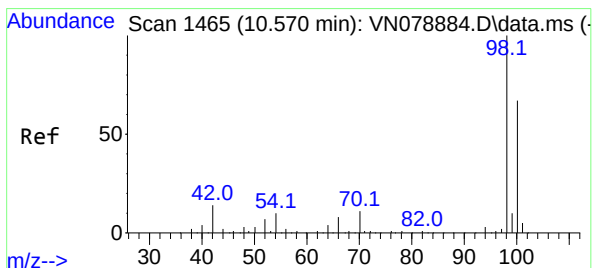
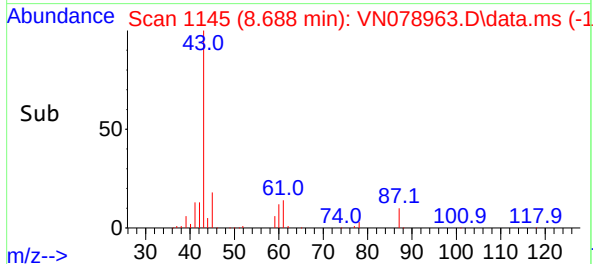
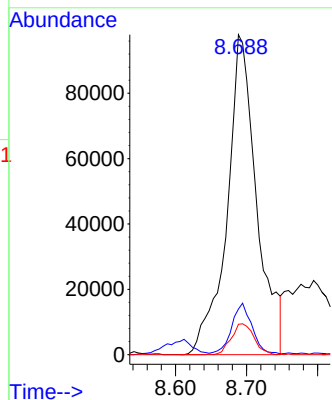
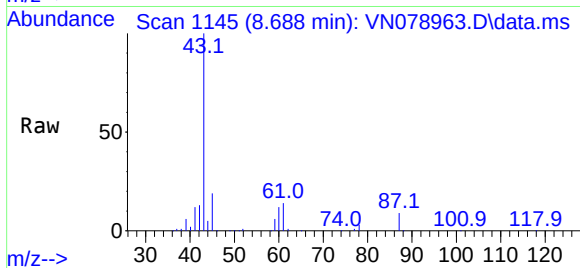
Tgt Ion: 43 Resp: 284743

Ion Ratio Lower Upper

43 100

61 10.8 24.7 37.1#

87 7.4 14.6 21.8#



#50

Toluene-d8

Concen: 48.807 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078963.D

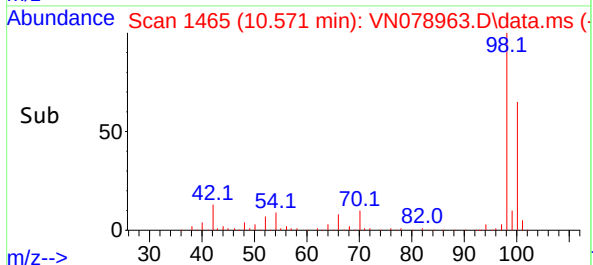
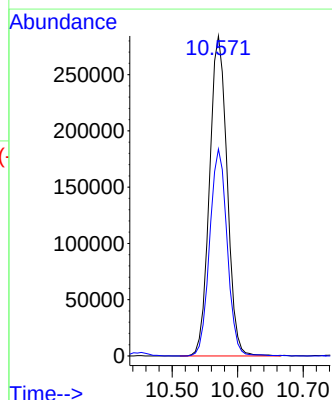
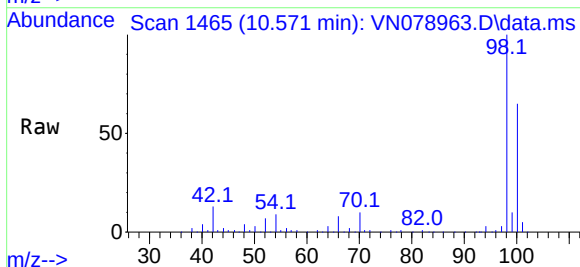
Acq: 18 Aug 2023 23:38

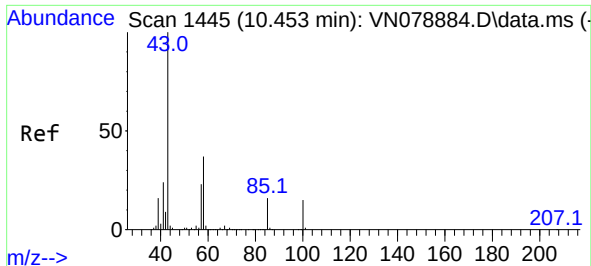
Tgt Ion: 98 Resp: 530769

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

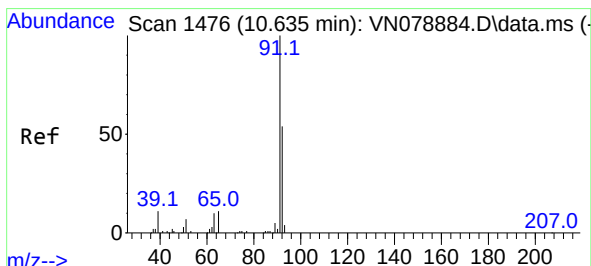
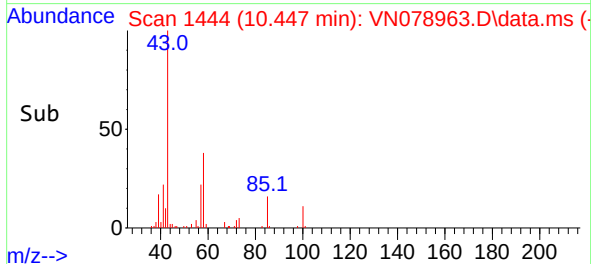
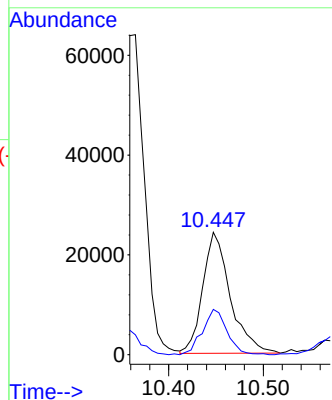
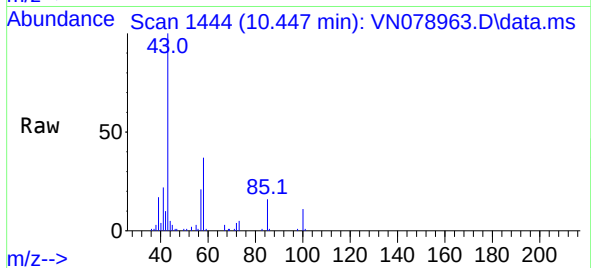




#51
4-Methyl-2-Pentanone
Concen: 9.473 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

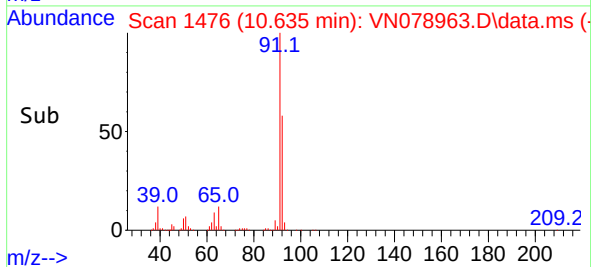
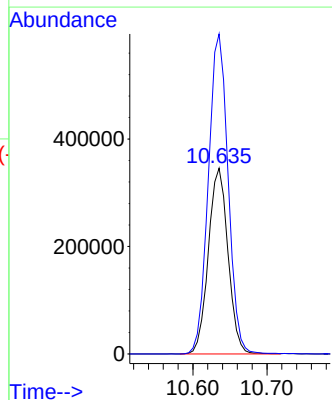
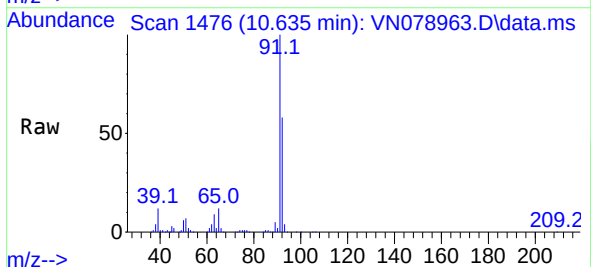
Instrument :
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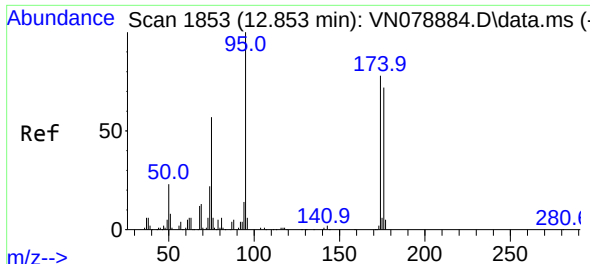
Tgt Ion: 43 Resp: 48953
Ion Ratio Lower Upper
43 100
58 33.6 36.6 54.8#



#52
Toluene
Concen: 79.598 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion: 92 Resp: 636388
Ion Ratio Lower Upper
92 100
91 173.5 137.4 206.0

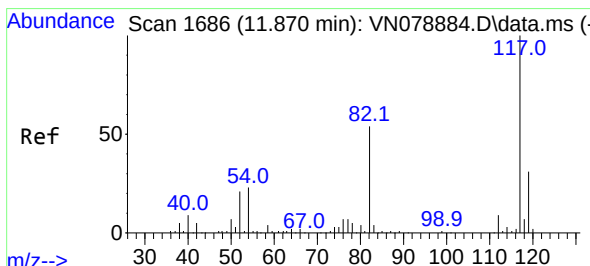
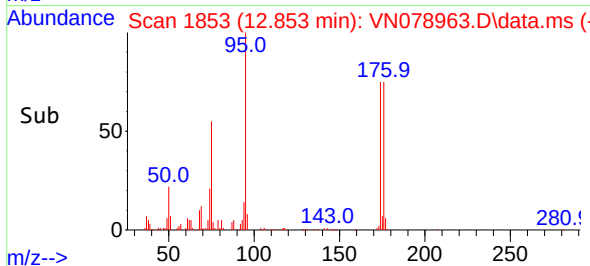
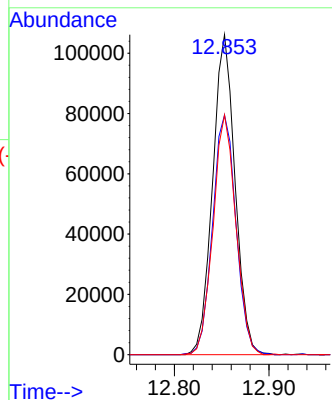
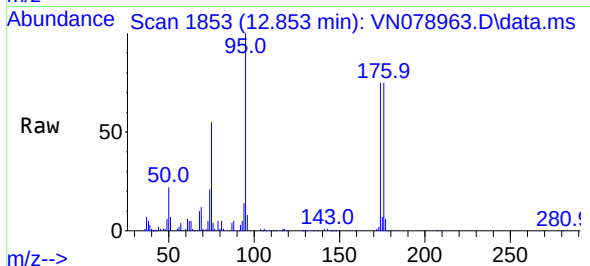




#62
4-Bromofluorobenzene
Concen: 49.176 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

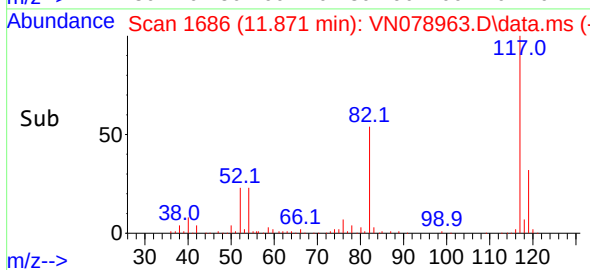
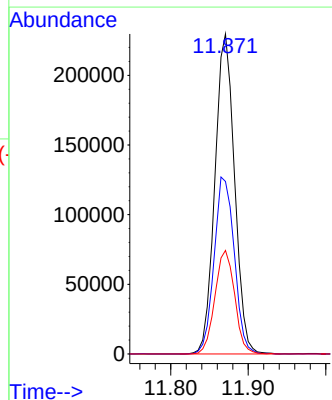
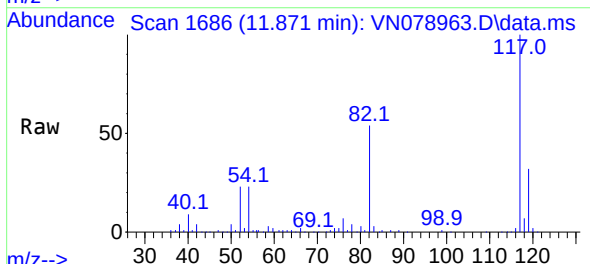
Instrument :
MSVOA_N
ClientSampleId :
SB-6

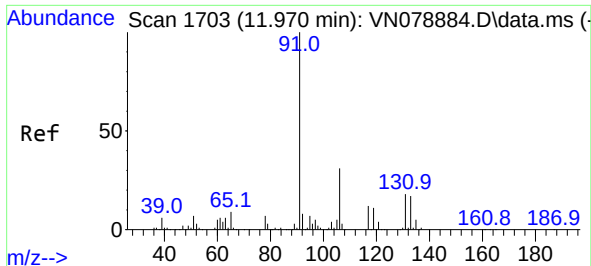
Tgt Ion: 95 Resp: 174798
Ion Ratio Lower Upper
95 100
174 77.9 0.0 143.8
176 76.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion: 117 Resp: 404475
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 32.4 25.6 38.4





#67

Ethyl Benzene

Concen: 4.681 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN078963.D

Acq: 18 Aug 2023 23:38

Instrument :

MSVOA_N

ClientSampleId :

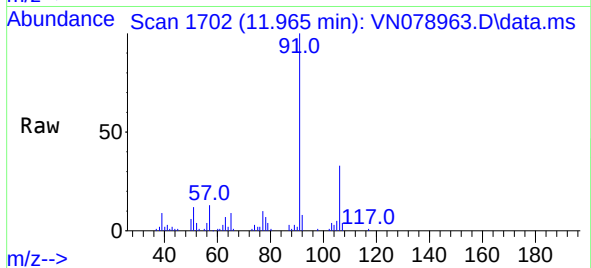
SB-6

Tgt Ion: 91 Resp: 73295

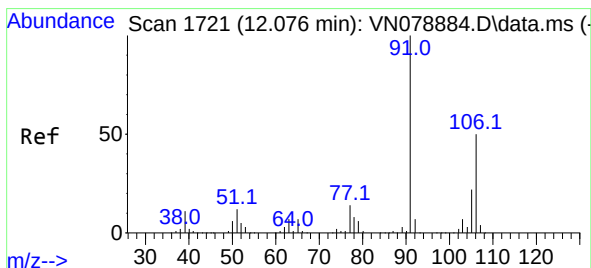
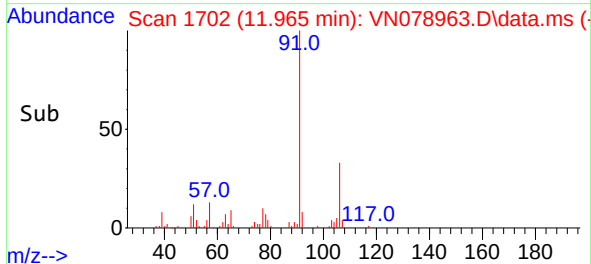
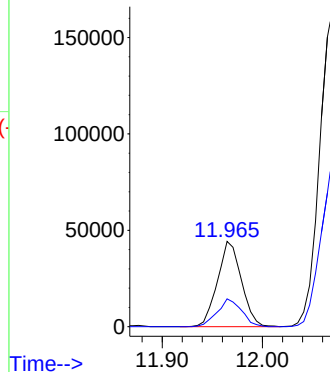
Ion Ratio Lower Upper

91 100

106 32.7 25.6 38.4



Abundance



#68

m/p-Xylenes

Concen: 26.244 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.005 min

Lab File: VN078963.D

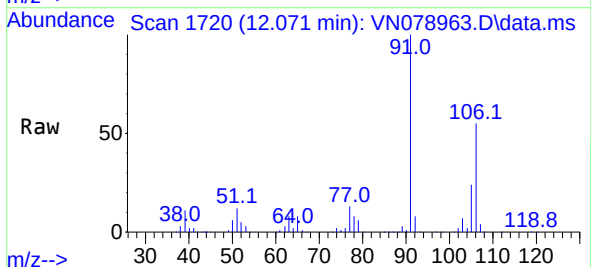
Acq: 18 Aug 2023 23:38

Tgt Ion:106 Resp: 153632

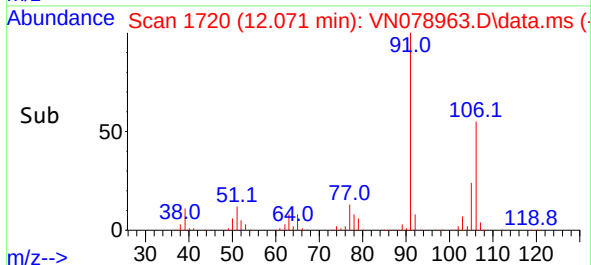
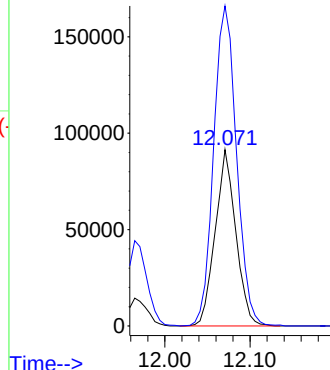
Ion Ratio Lower Upper

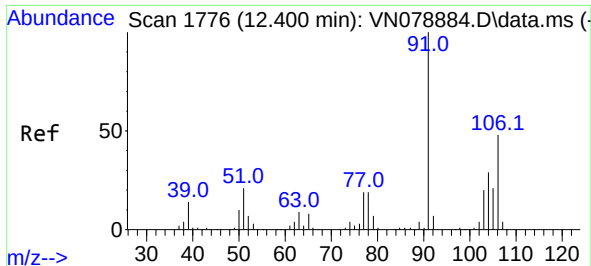
106 100

91 201.3 159.6 239.4



Abundance

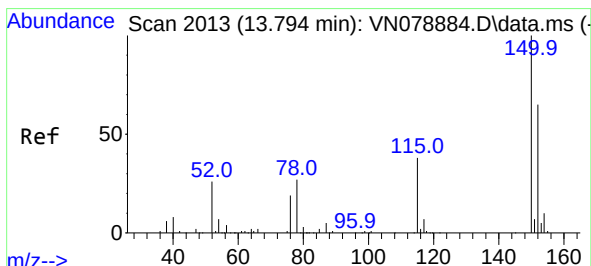
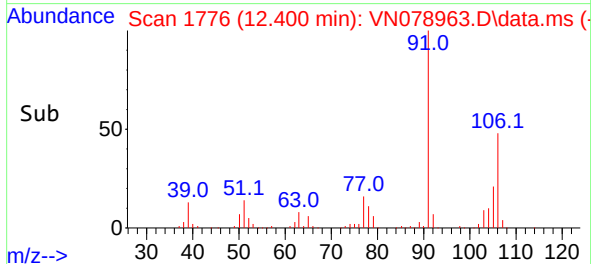
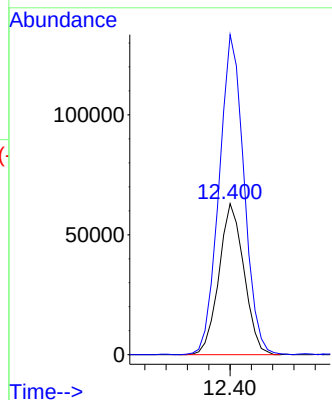
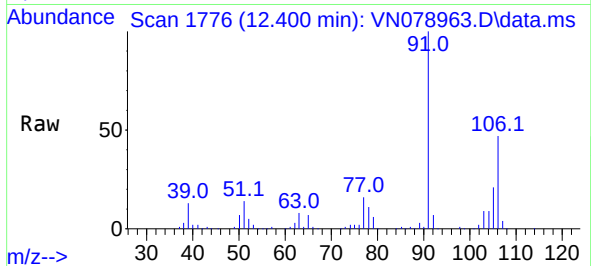




#69
o-Xylene
Concen: 18.039 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

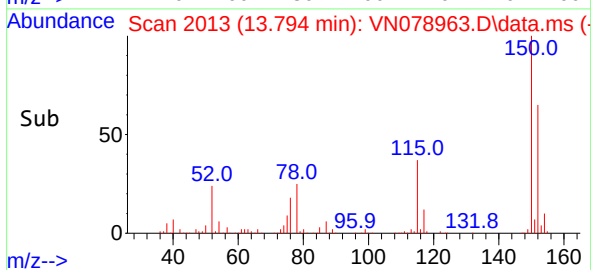
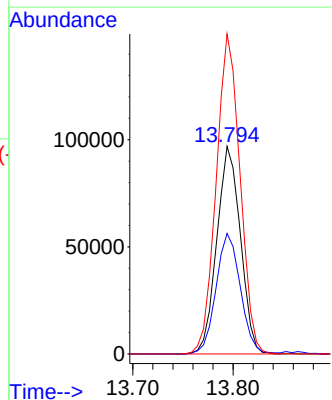
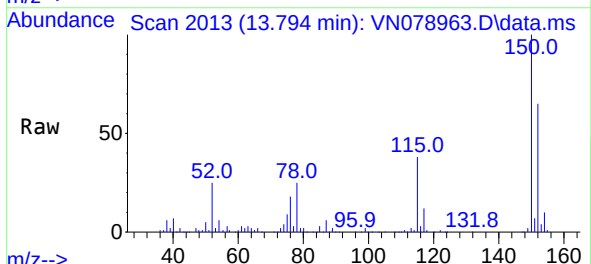
Instrument :
MSVOA_N
ClientSampleId :
SB-6

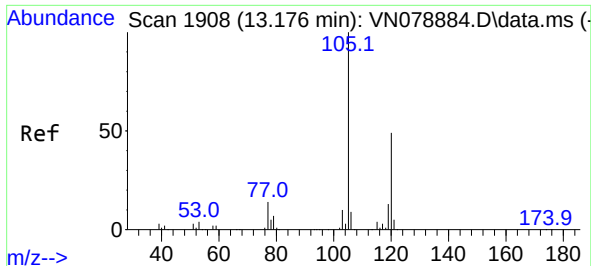
Tgt Ion:106 Resp: 102726
Ion Ratio Lower Upper
106 100
91 211.2 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion:152 Resp: 158369
Ion Ratio Lower Upper
152 100
115 60.0 32.3 96.8
150 155.7 0.0 355.8

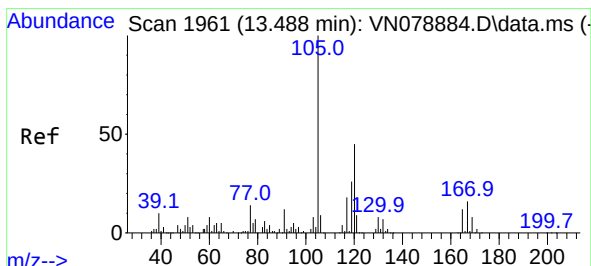
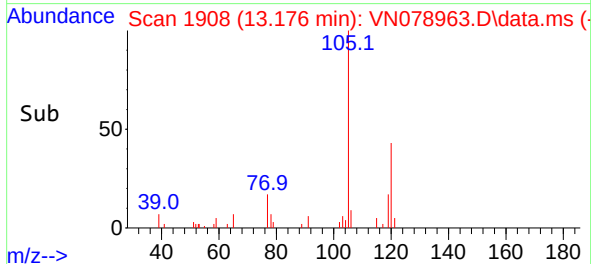
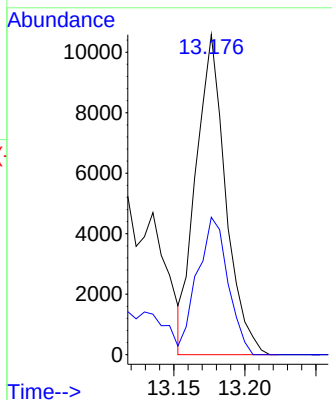
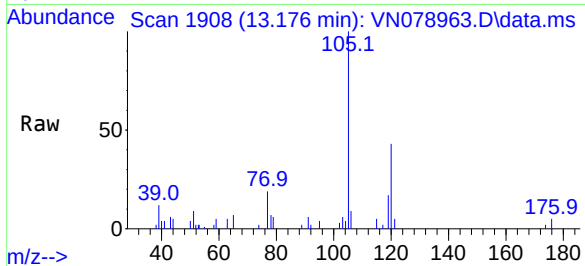




#80
1,3,5-Trimethylbenzene
Concen: 1.469 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

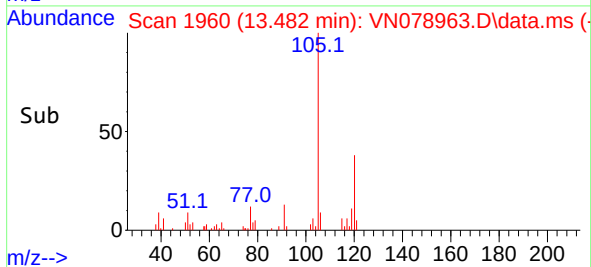
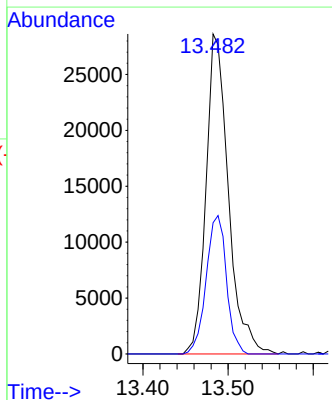
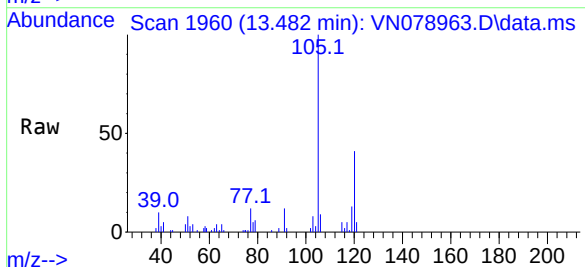
Instrument :
MSVOA_N
ClientSampleId :
SB-6

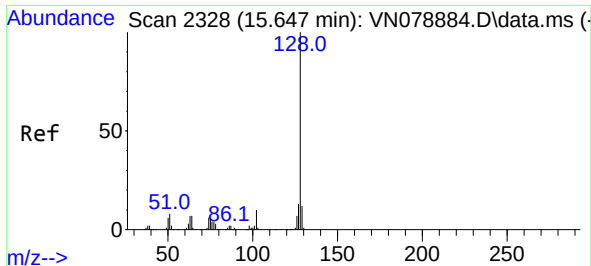
Tgt Ion:105 Resp: 15373
Ion Ratio Lower Upper
105 100
120 44.3 24.1 72.3



#84
1,2,4-Trimethylbenzene
Concen: 5.040 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN078963.D
Acq: 18 Aug 2023 23:38

Tgt Ion:105 Resp: 52224
Ion Ratio Lower Upper
105 100
120 39.3 22.0 66.0





#95

Naphthalene

Concen: 56.078 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078963.D

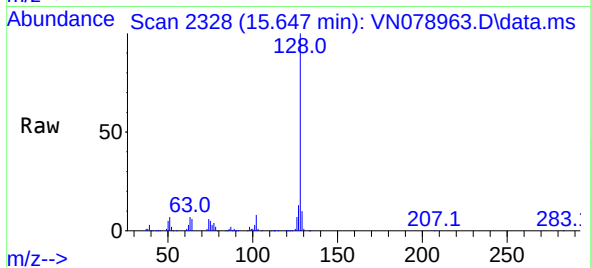
Acq: 18 Aug 2023 23:38

Instrument :

MSVOA_N

ClientSampleId :

SB-6



Tgt Ion:128 Resp: 411670

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 10.6 8.7 13.1

