

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079123.D
 Acq On : 01 Sep 2023 15:22
 Operator : JC\MD
 Sample : 04232-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SBG-2

Quant Time: Sep 01 23:13:42 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)

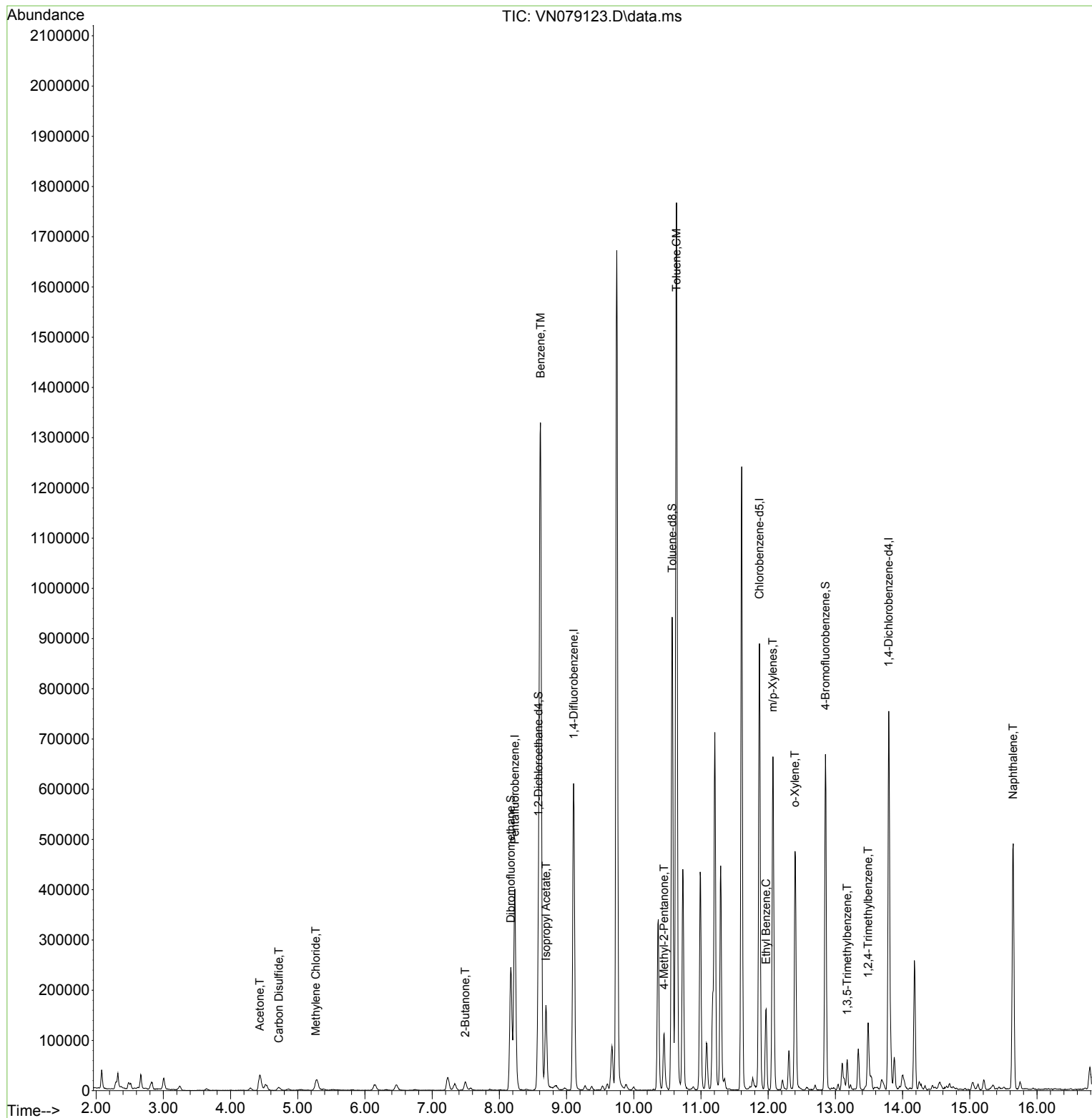
Internal Standards						
1) Pentafluorobenzene	8.229	168	291518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	538070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	522169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	206797	45.587	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.180%		
35) Dibromofluoromethane	8.171	113	179737	49.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.240%		
50) Toluene-d8	10.571	98	658504	48.964	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.920%		
62) 4-Bromofluorobenzene	12.853	95	235474	53.567	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.140%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	57839	30.901	ug/l	94
17) Carbon Disulfide	4.718	76	12470	1.423	ug/l #	92
20) Methylene Chloride	5.271	84	18180	4.558	ug/l	96
25) 2-Butanone	7.494	43	28882	9.624	ug/l #	83
40) Benzene	8.612	78	1359005	84.388	ug/l	99
43) Isopropyl Acetate	8.694	43	184812	17.152	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	82879	12.969	ug/l	89
52) Toluene	10.635	92	781165	79.006	ug/l	99
67) Ethyl Benzene	11.970	91	109046	5.395	ug/l	99
68) m/p-Xylenes	12.070	106	208903	27.643	ug/l	94
69) o-Xylene	12.400	106	123137	16.750	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	30662	2.298	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	83565	6.324	ug/l	92
95) Naphthalene	15.647	128	455430	48.991	ug/l	100

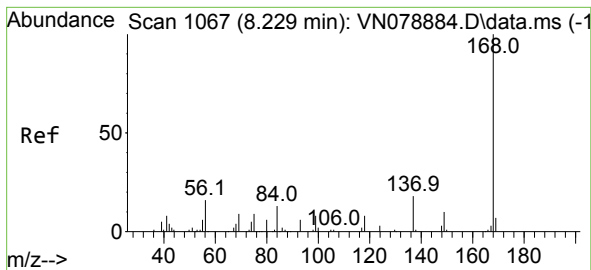
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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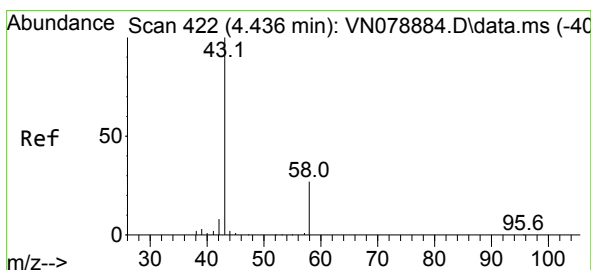
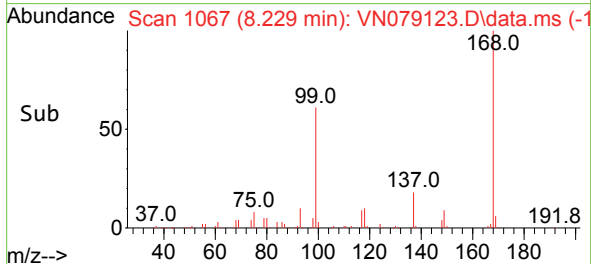
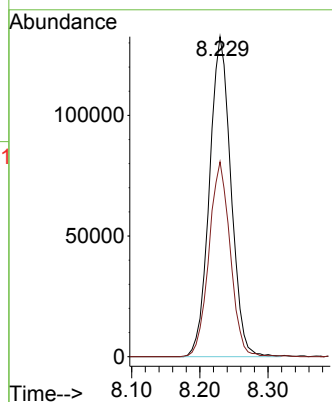
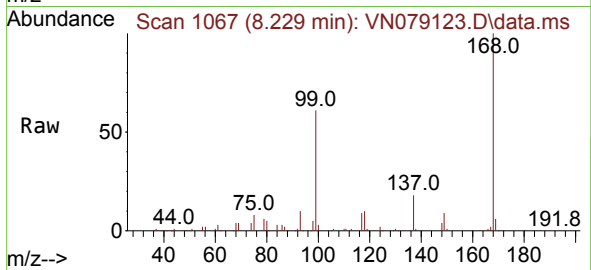




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

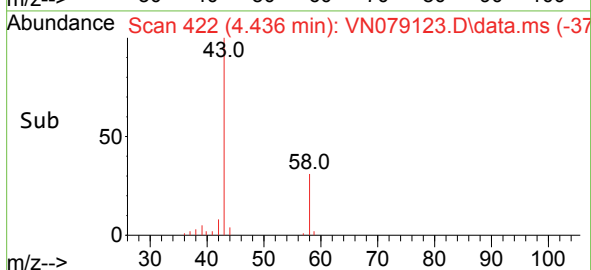
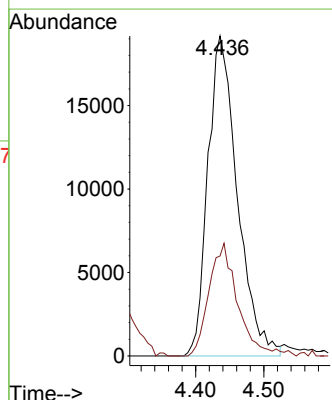
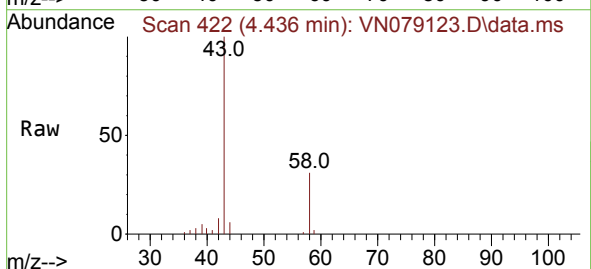
Instrument :
MSVOA_N
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SBG-2

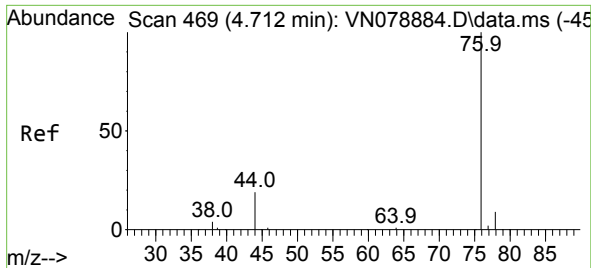
Tgt Ion:168 Resp: 291518
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#16
Acetone
Concen: 30.901 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion: 43 Resp: 57839
Ion Ratio Lower Upper
43 100
58 31.2 28.0 42.0

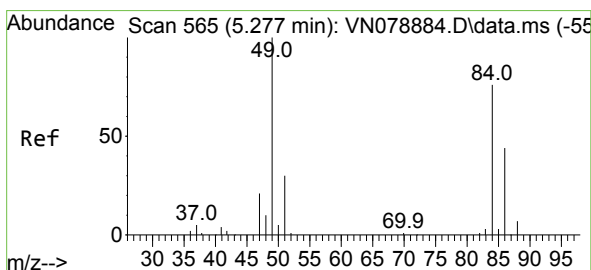
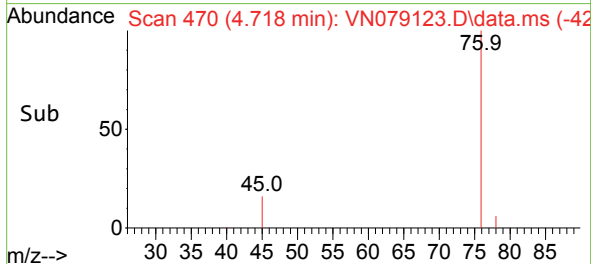
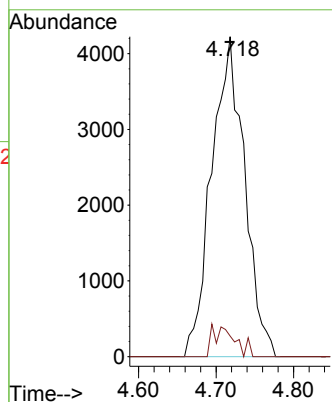
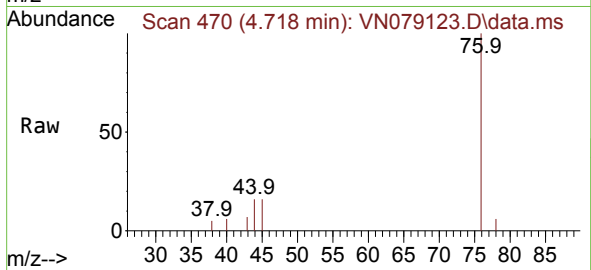




#17
Carbon Disulfide
Concen: 1.423 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

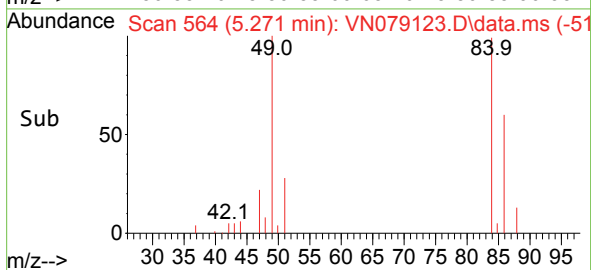
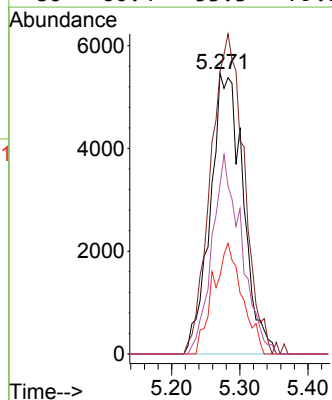
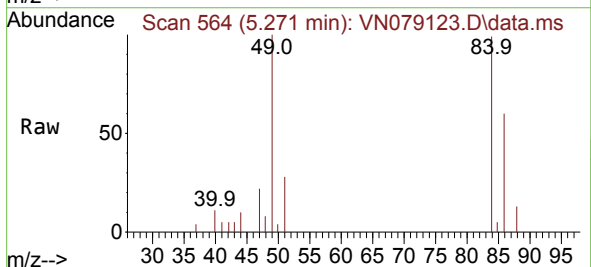
Instrument :
MSVOA_N
ClientSampleId :
SBG-2

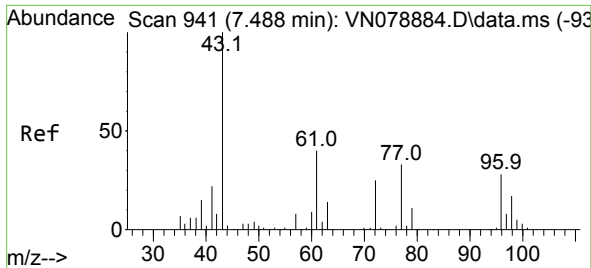
Tgt Ion: 76 Resp: 12470
Ion Ratio Lower Upper
76 100
78 6.5 7.4 11.0#



#20
Methylene Chloride
Concen: 4.558 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.012 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion: 84 Resp: 18180
Ion Ratio Lower Upper
84 100
49 100.8 79.7 119.5
51 27.9 25.2 37.8
86 60.4 53.3 79.9

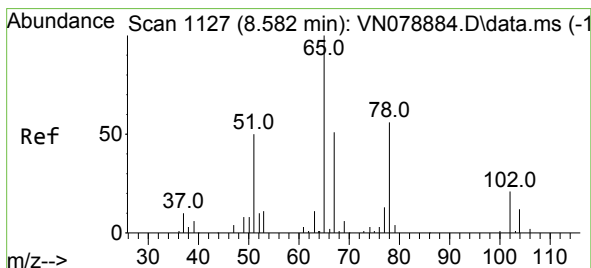
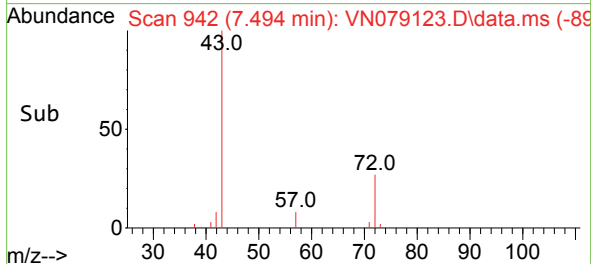
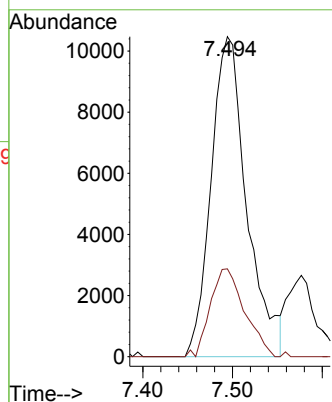
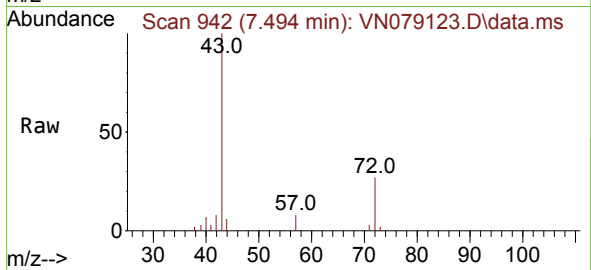




#25
2-Butanone
Concen: 9.624 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

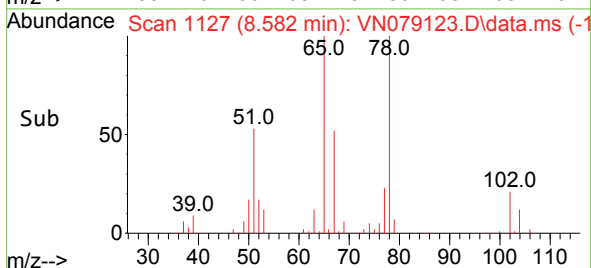
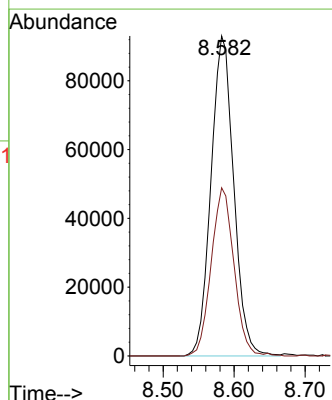
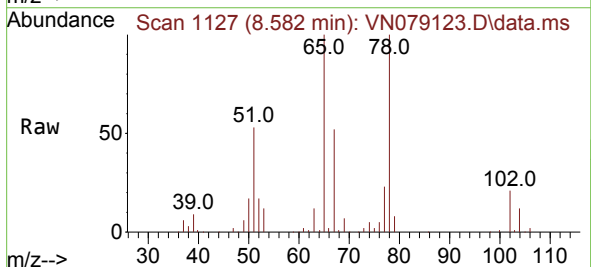
Instrument :
MSVOA_N
ClientSampleId :
SBG-2

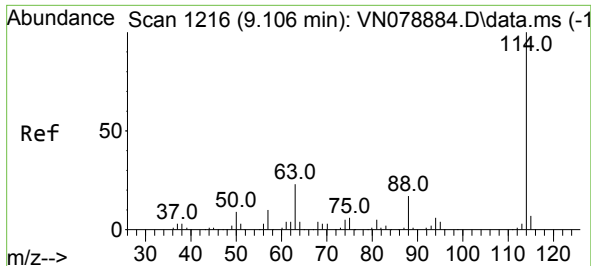
Tgt Ion: 43 Resp: 28882
Ion Ratio Lower Upper
43 100
72 27.4 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 45.587 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion: 65 Resp: 206797
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.6

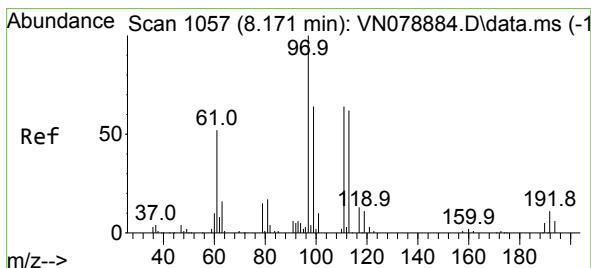
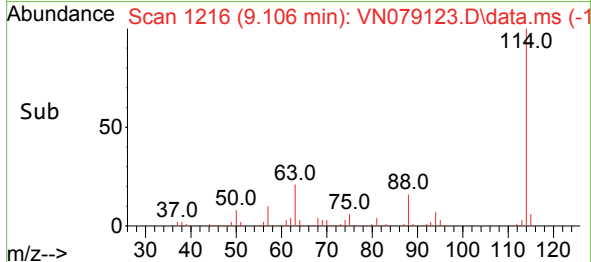
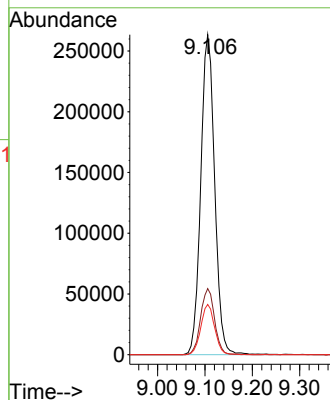
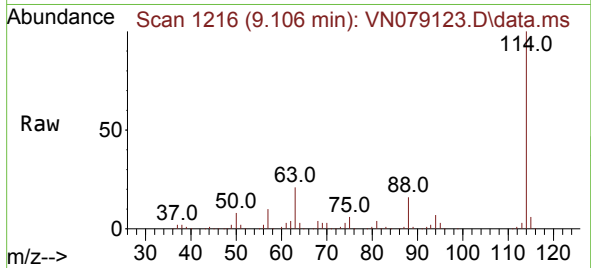




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

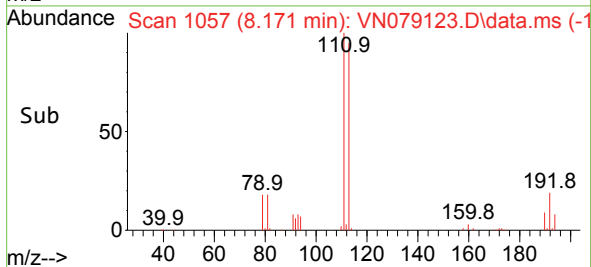
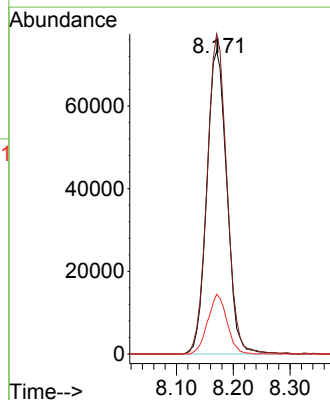
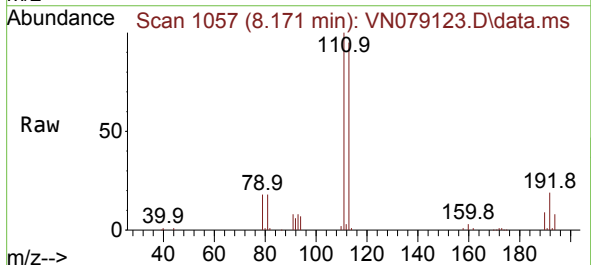
Instrument :
MSVOA_N
ClientSampleId :
SBG-2

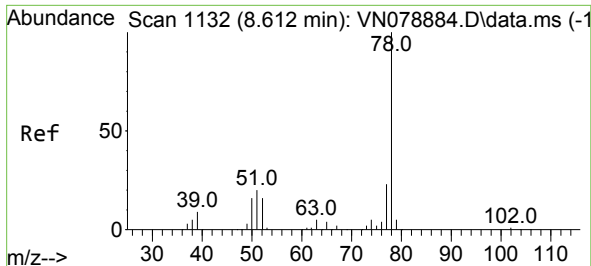
Tgt Ion:114 Resp: 538070
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.624 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion:113 Resp: 179737
Ion Ratio Lower Upper
113 100
111 104.2 82.6 123.8
192 18.8 12.7 19.1

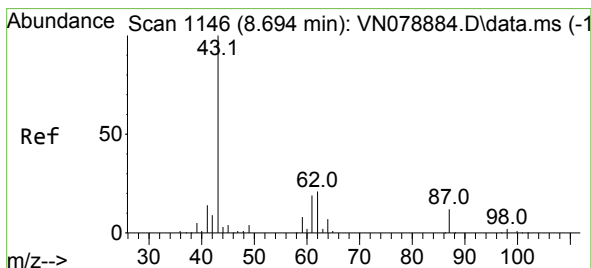
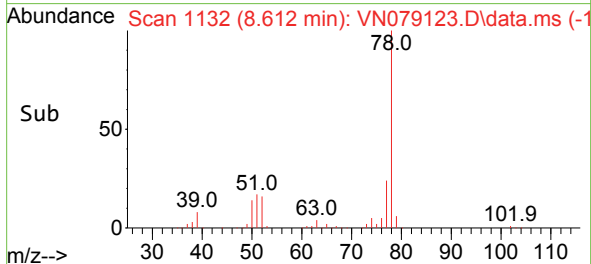
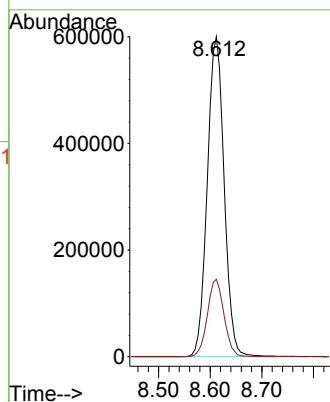
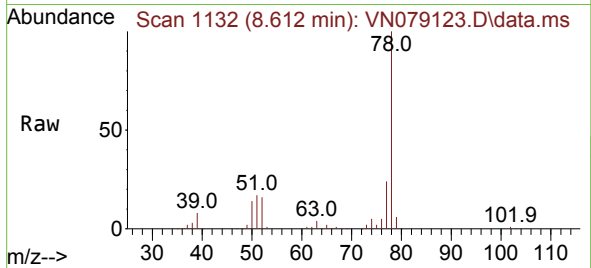




#40
Benzene
Concen: 84.388 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

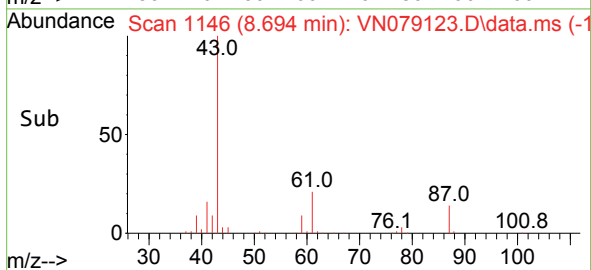
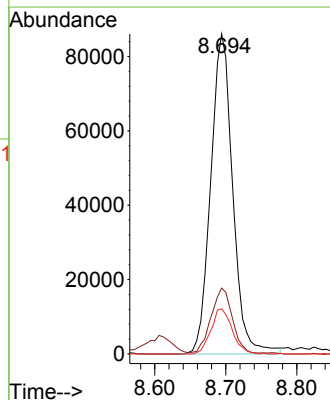
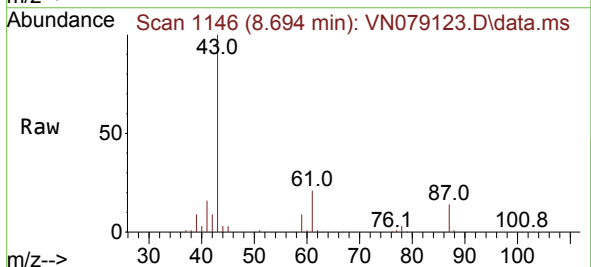
Instrument :
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ClientSampleId :
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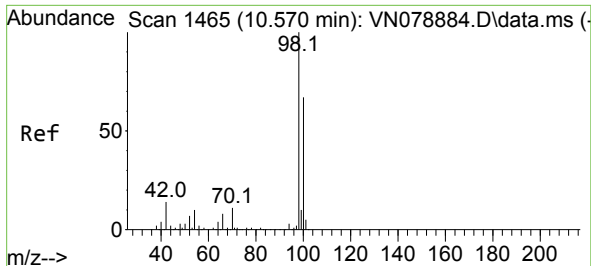
Tgt Ion: 78 Resp: 1359005
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6



#43
Isopropyl Acetate
Concen: 17.152 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion: 43 Resp: 184812
Ion Ratio Lower Upper
43 100
61 19.6 24.7 37.1#
87 13.6 14.6 21.8#

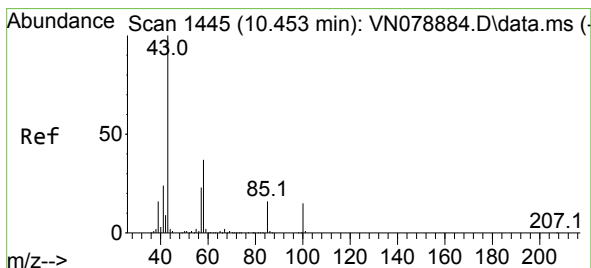
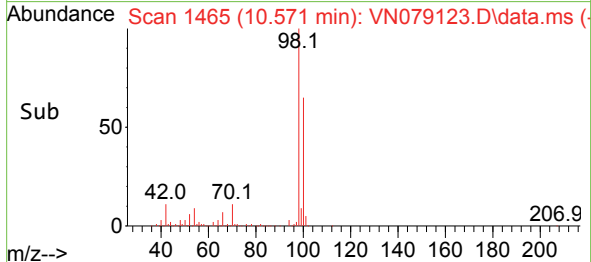
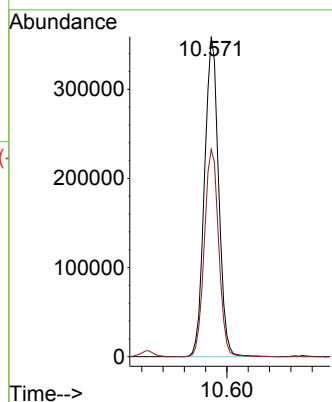
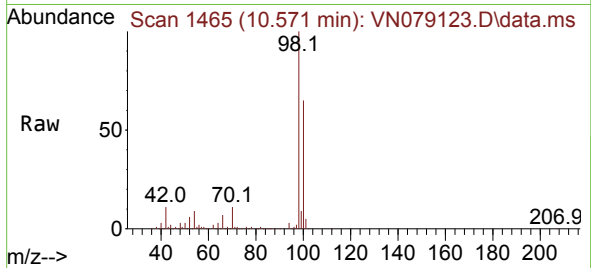




#50
Toluene-d8
Concen: 48.964 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

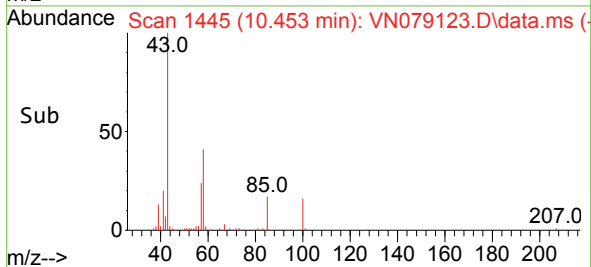
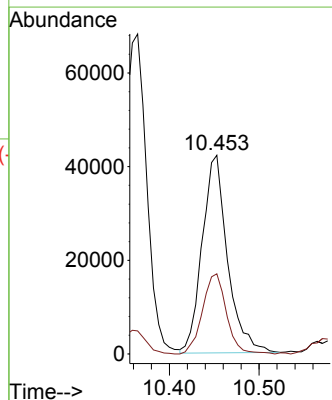
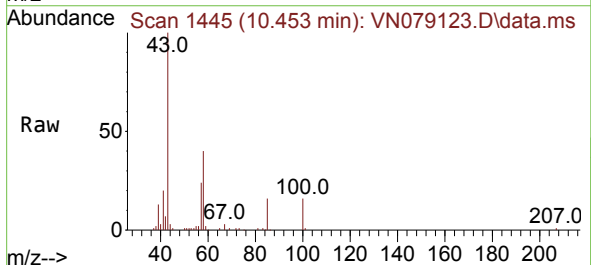
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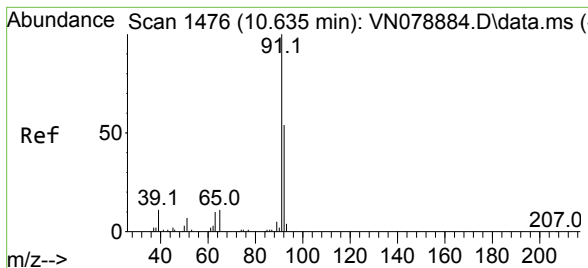
Tgt Ion: 98 Resp: 658504
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 12.969 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion: 43 Resp: 82879
Ion Ratio Lower Upper
43 100
58 38.3 36.6 54.8





#52

Toluene

Concen: 79.006 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

Instrument :

MSVOA_N

ClientSampleId :

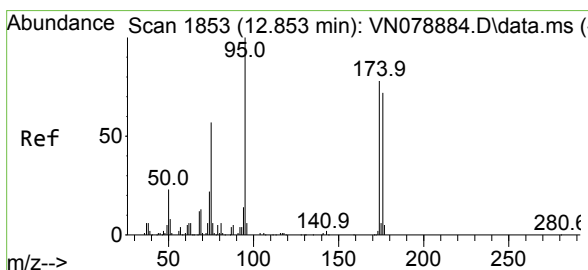
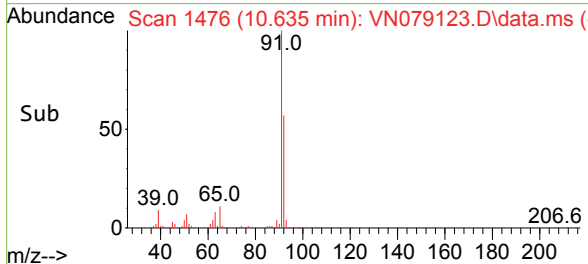
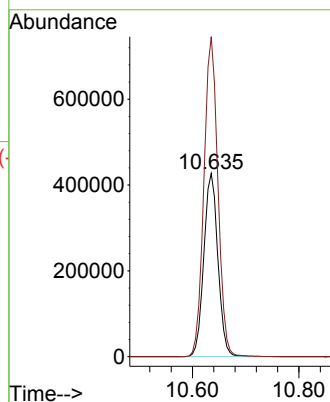
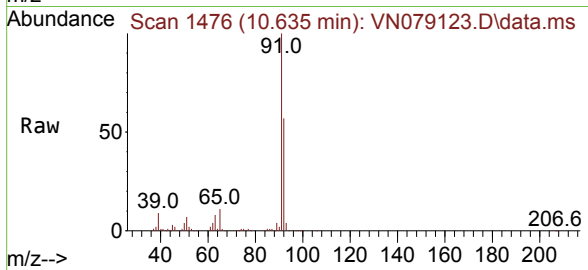
SBG-2

Tgt Ion: 92 Resp: 781165

Ion Ratio Lower Upper

92 100

91 173.6 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 53.567 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

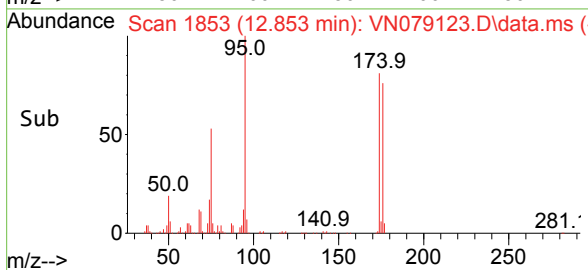
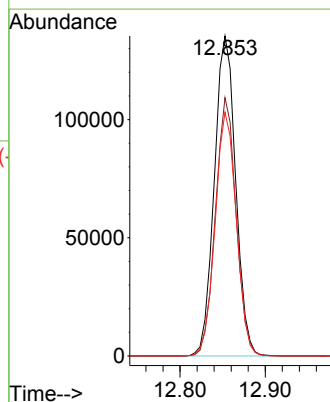
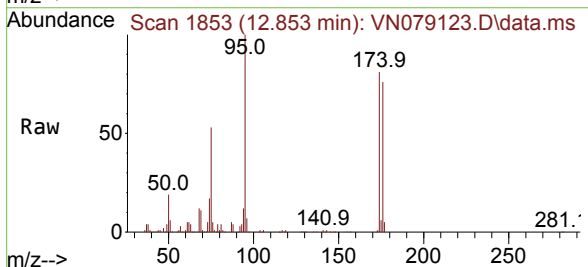
Tgt Ion: 95 Resp: 235474

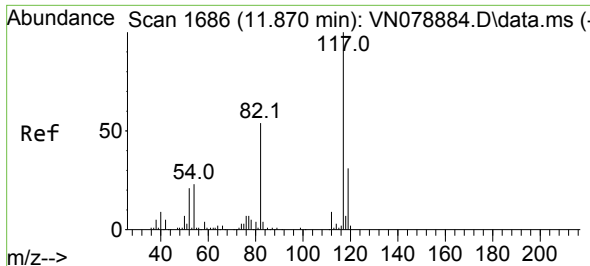
Ion Ratio Lower Upper

95 100

174 78.3 0.0 143.8

176 75.4 0.0 135.8

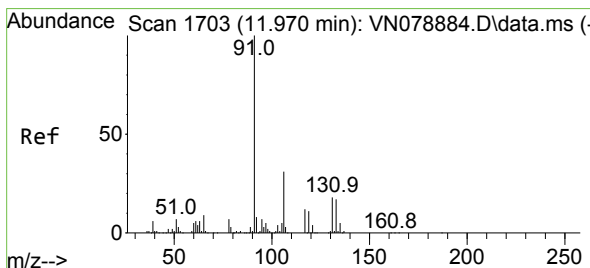
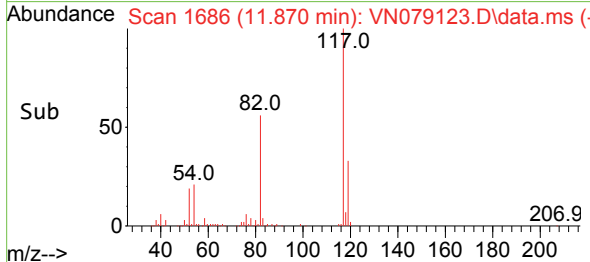
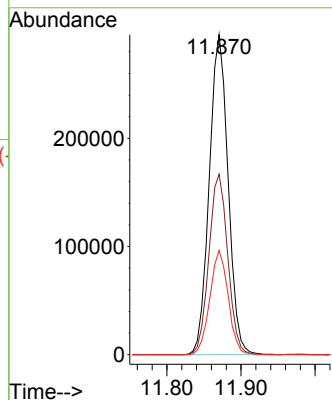
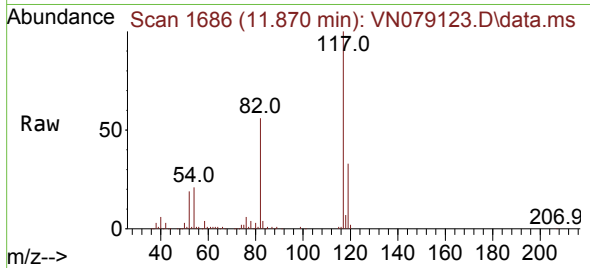




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

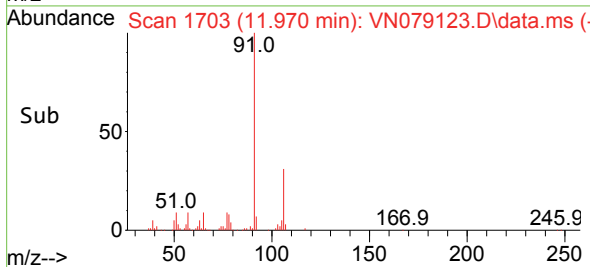
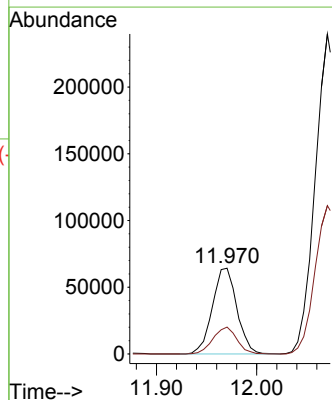
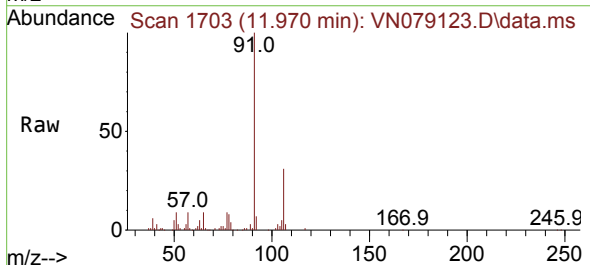
Instrument :
MSVOA_N
ClientSampleId :
SBG-2

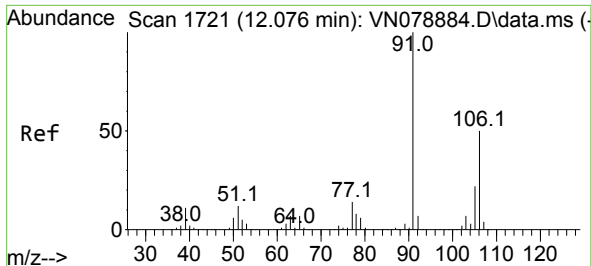
Tgt Ion:117 Resp: 522169
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 32.5 25.6 38.4



#67
Ethyl Benzene
Concen: 5.395 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion: 91 Resp: 109046
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

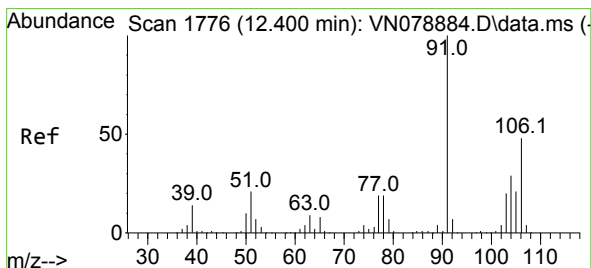
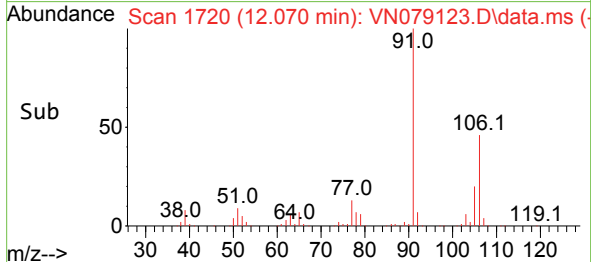
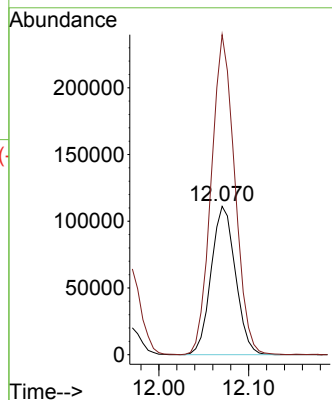
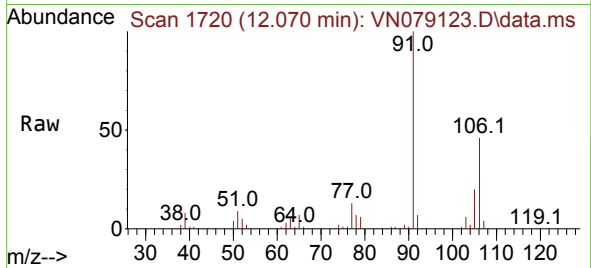




#68
m/p-Xylenes
Concen: 27.643 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

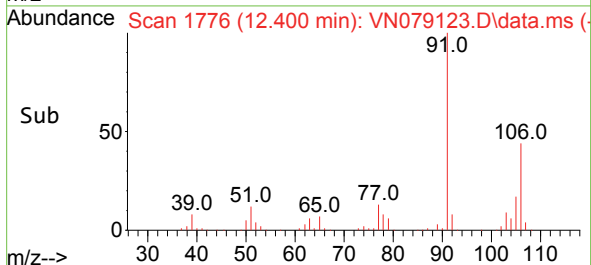
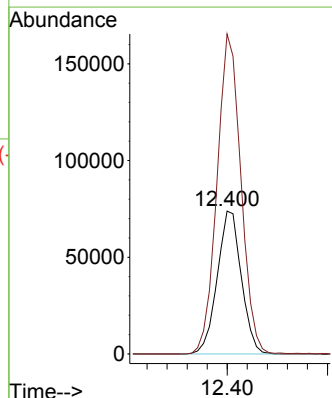
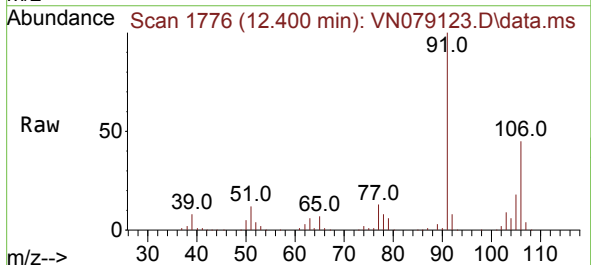
Instrument :
MSVOA_N
ClientSampleId :
SBG-2

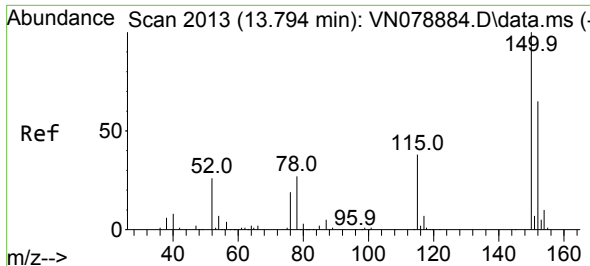
Tgt Ion:106 Resp: 208903
Ion Ratio Lower Upper
106 100
91 209.1 159.6 239.4



#69
o-Xylene
Concen: 16.750 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079123.D
Acq: 01 Sep 2023 15:22

Tgt Ion:106 Resp: 123137
Ion Ratio Lower Upper
106 100
91 222.4 105.2 315.5

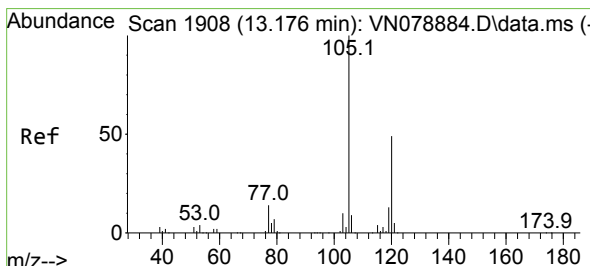
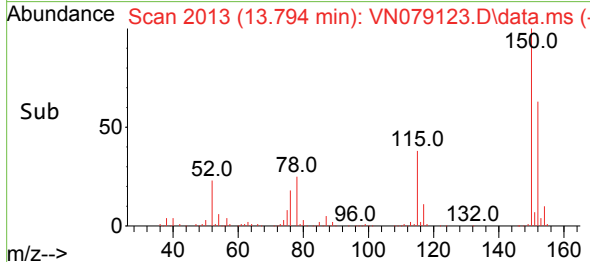
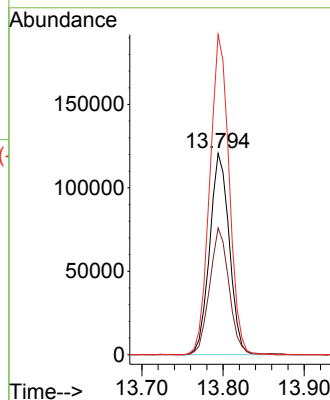
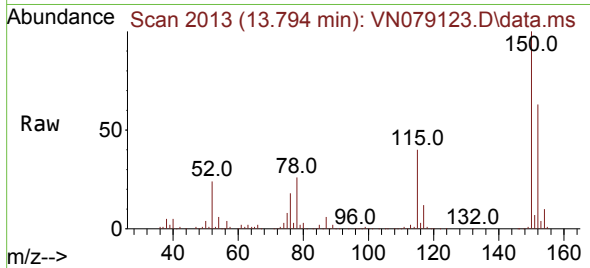




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN079123.D
 Acq: 01 Sep 2023 15:22

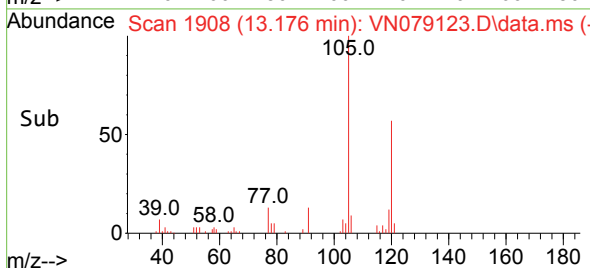
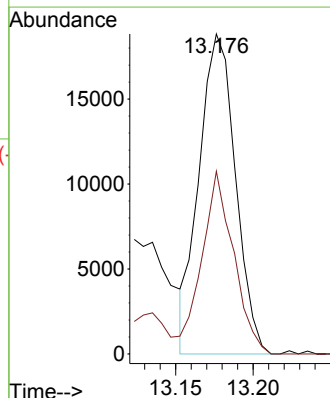
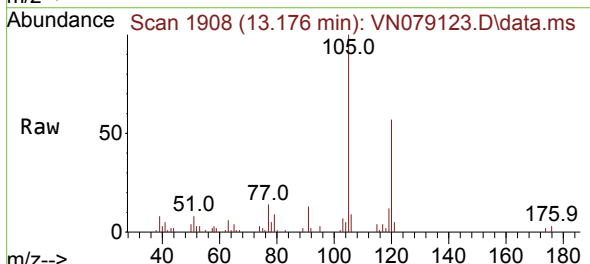
Instrument :
 MSVOA_N
 ClientSampleId :
 SBG-2

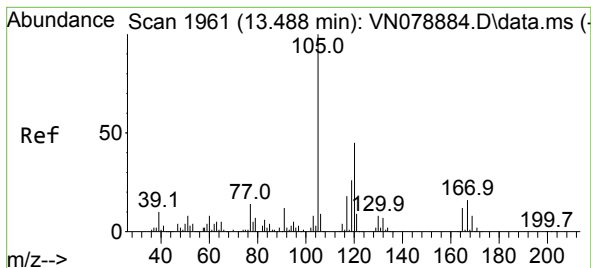
Tgt Ion:152 Resp: 201954
 Ion Ratio Lower Upper
 152 100
 115 62.7 32.3 96.8
 150 157.0 0.0 355.8



#80
 1,3,5-Trimethylbenzene
 Concen: 2.298 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079123.D
 Acq: 01 Sep 2023 15:22

Tgt Ion:105 Resp: 30662
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 6.324 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

Instrument :

MSVOA_N

ClientSampleId :

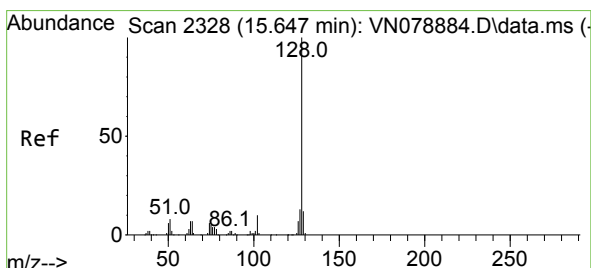
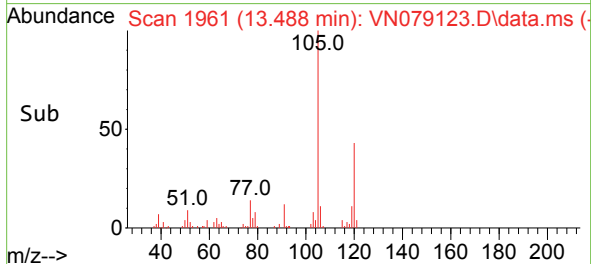
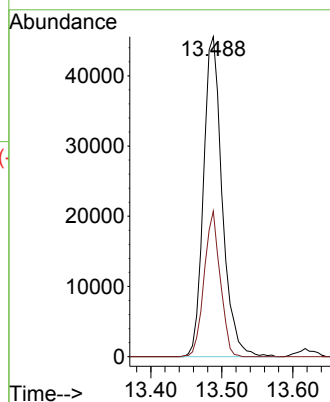
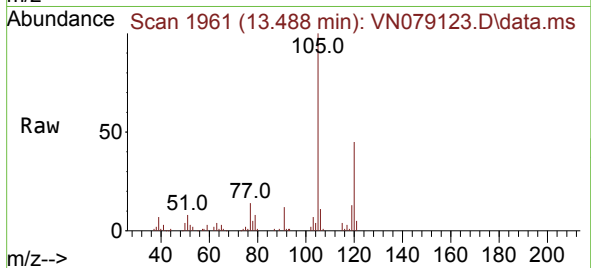
SBG-2

Tgt Ion:105 Resp: 83565

Ion Ratio Lower Upper

105 100

120 39.1 22.0 66.0



#95

Naphthalene

Concen: 48.991 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079123.D

Acq: 01 Sep 2023 15:22

Tgt Ion:128 Resp: 455430

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.8 8.7 13.1

