

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079122.D
 Acq On : 01 Sep 2023 14:58
 Operator : JC\MD
 Sample : 04232-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SBG-1

Quant Time: Sep 01 23:13:07 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)

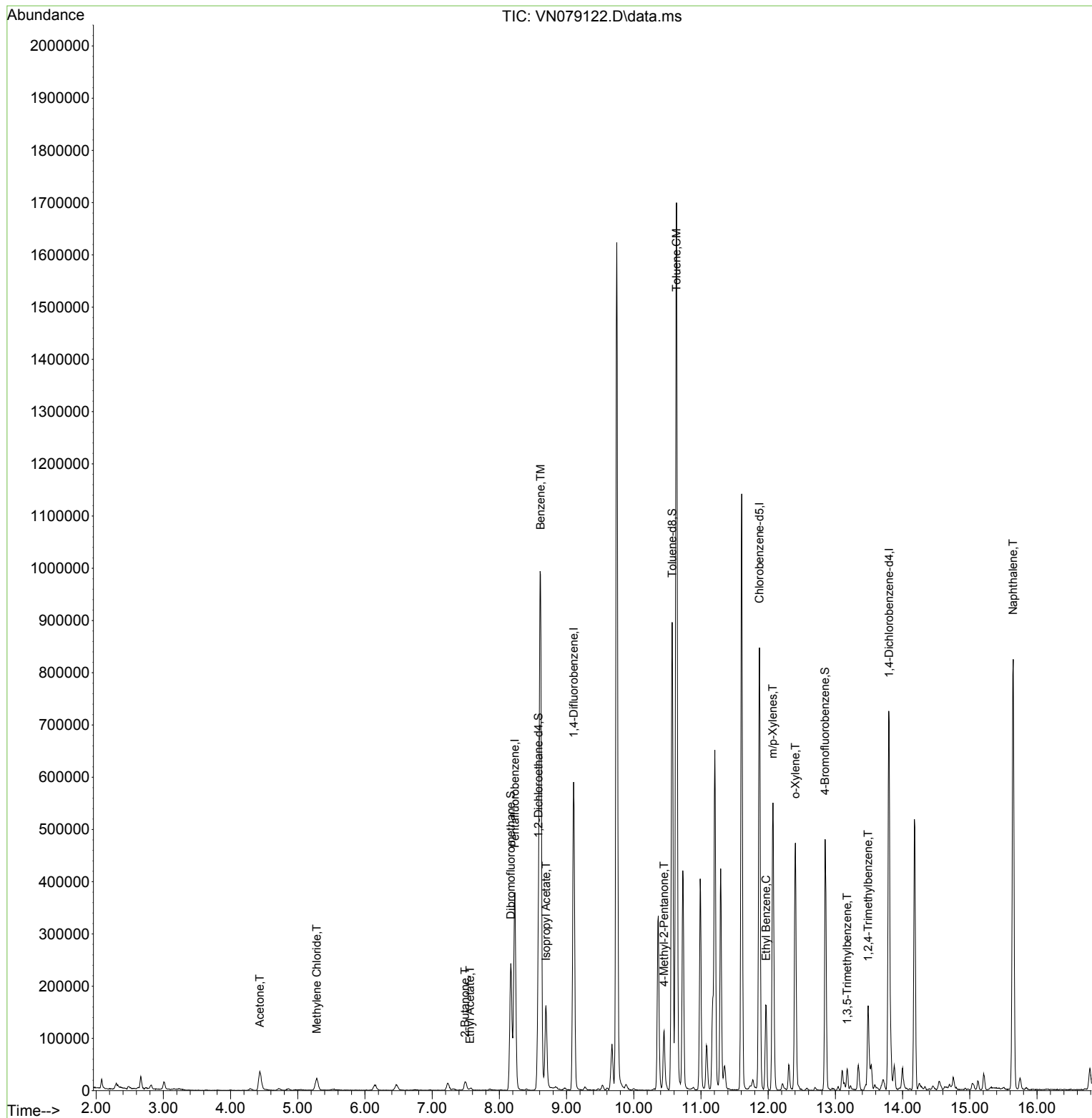
Internal Standards						
1) Pentafluorobenzene	8.229	168	278154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	520394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	501645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	200098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	201186	46.481	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.960%
35) Dibromofluoromethane	8.171	113	175887	50.210	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.420%
50) Toluene-d8	10.571	98	631440	48.546	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.847	95	156817	36.885	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	73.780%#
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	68777	38.511	ug/l	97
20) Methylene Chloride	5.283	84	17268	4.537	ug/l #	85
25) 2-Butanone	7.488	43	29777	10.399	ug/l #	72
37) Ethyl Acetate	7.565	43	6046	1.025	ug/l #	78
40) Benzene	8.612	78	1001526	64.302	ug/l	99
43) Isopropyl Acetate	8.694	43	177689	17.052	ug/l #	85
51) 4-Methyl-2-Pentanone	10.453	43	78639	12.724	ug/l	89
52) Toluene	10.635	92	753039	78.748	ug/l	99
67) Ethyl Benzene	11.970	91	111013	5.717	ug/l	92
68) m/p-Xylenes	12.070	106	175329	24.149	ug/l	96
69) o-Xylene	12.406	106	118022	16.711	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	23185	1.754	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	100864	7.704	ug/l	90
95) Naphthalene	15.647	128	764638	81.228	ug/l	99

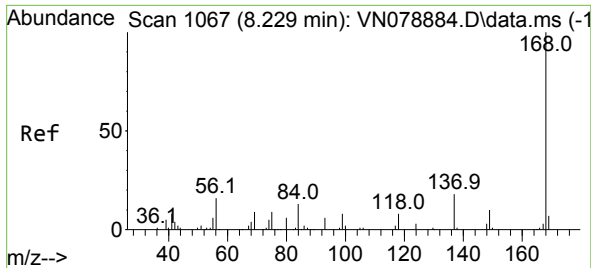
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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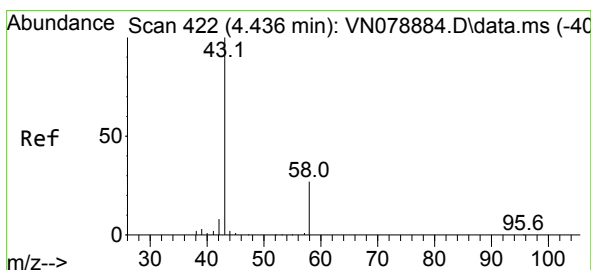
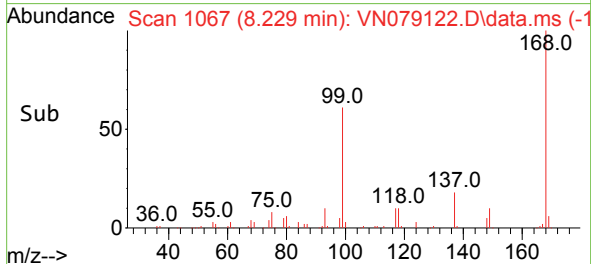
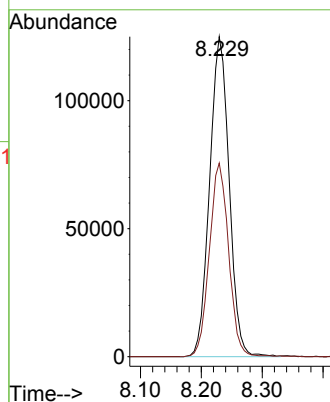
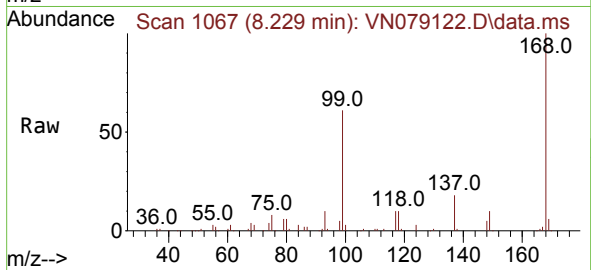




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079122.D
Acq: 01 Sep 2023 14:58

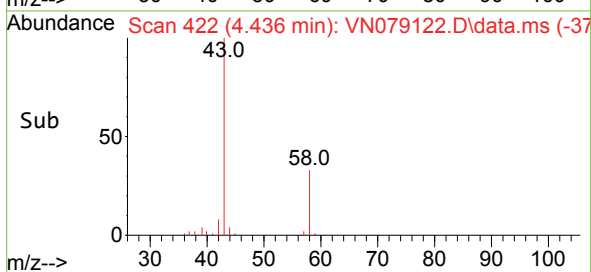
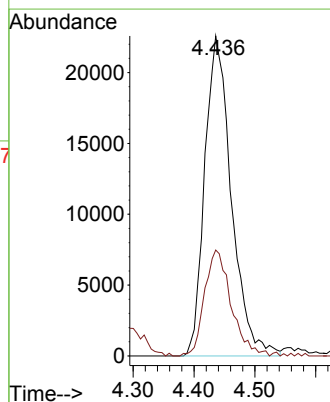
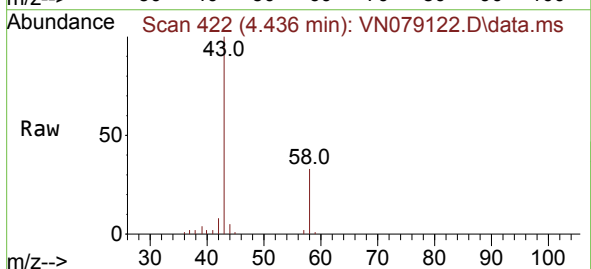
Instrument :
MSVOA_N
ClientSampleId :
SBG-1

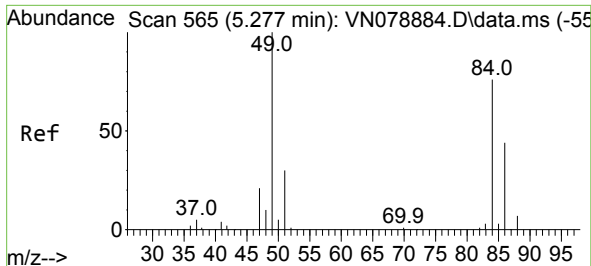
Tgt Ion:168 Resp: 278154
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6



#16
Acetone
Concen: 38.511 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079122.D
Acq: 01 Sep 2023 14:58

Tgt Ion: 43 Resp: 68777
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0

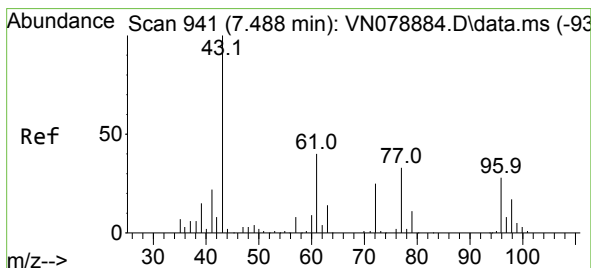
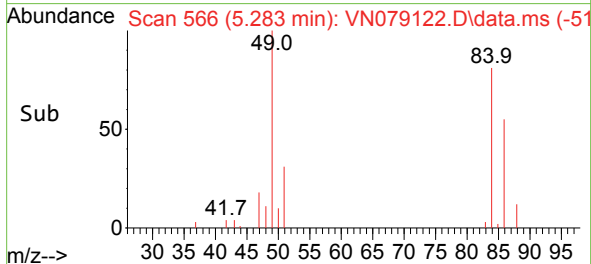
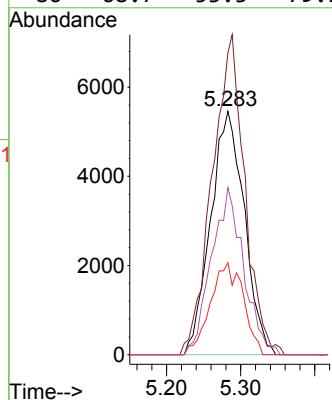
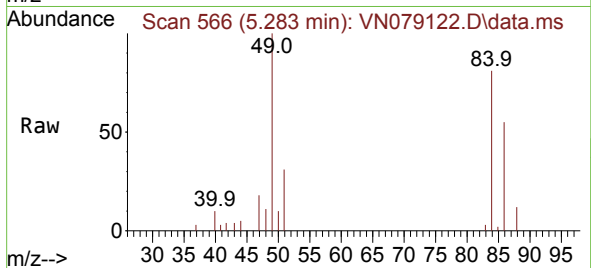




#20
Methylene Chloride
Concen: 4.537 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079122.D
Acq: 01 Sep 2023 14:58

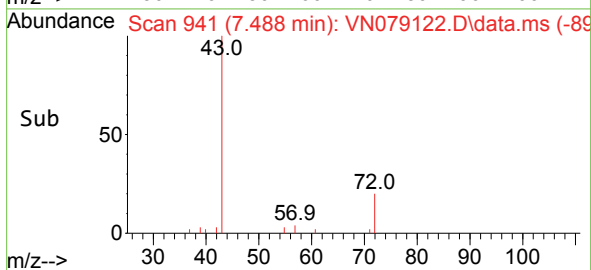
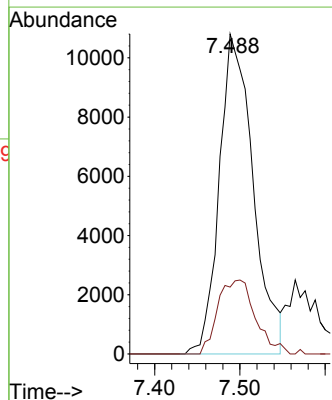
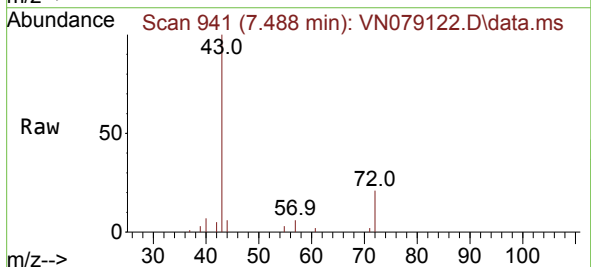
Instrument :
MSVOA_N
ClientSampleId :
SBG-1

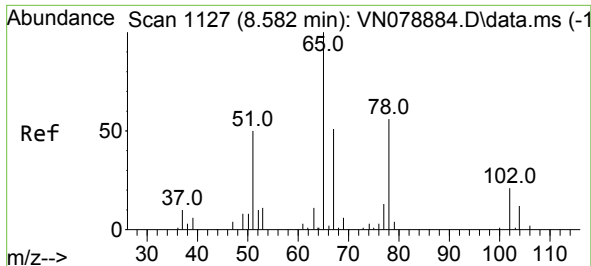
Tgt Ion:	84	Resp:	17268
Ion	Ratio	Lower	Upper
84	100		
49	123.9	79.7	119.5#
51	37.8	25.2	37.8#
86	68.7	53.3	79.9



#25
2-Butanone
Concen: 10.399 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079122.D
Acq: 01 Sep 2023 14:58

Tgt Ion:	43	Resp:	29777
Ion	Ratio	Lower	Upper
43	100		
72	20.9	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 46.481 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079122.D

Acq: 01 Sep 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

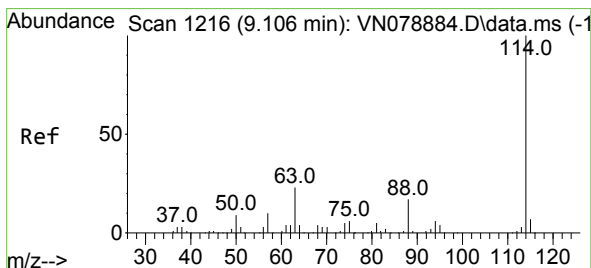
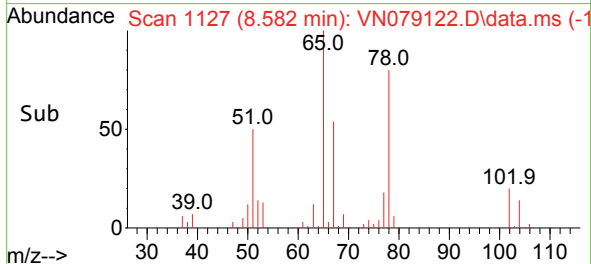
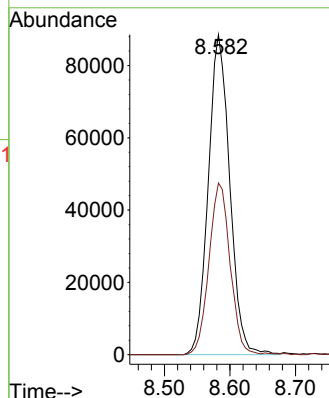
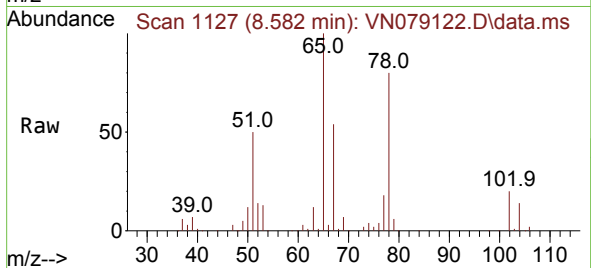
SBG-1

Tgt Ion: 65 Resp: 201186

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# 1216

Delta R.T. -0.006 min

Lab File: VN079122.D

Acq: 01 Sep 2023 14:58

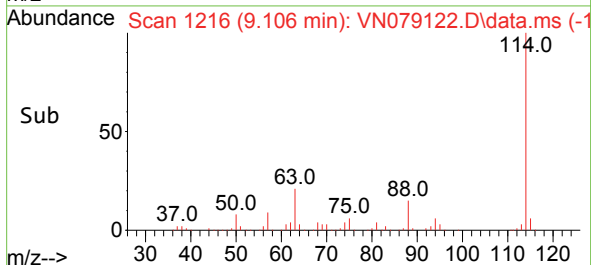
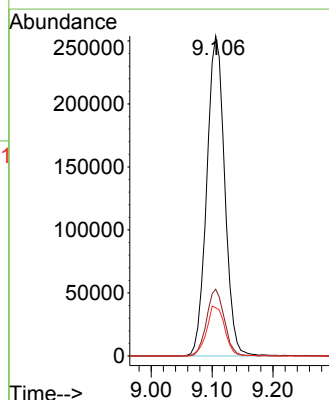
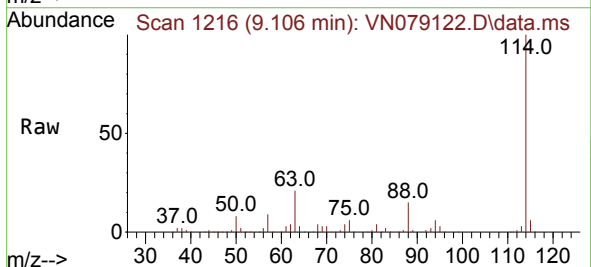
Tgt Ion: 114 Resp: 520394

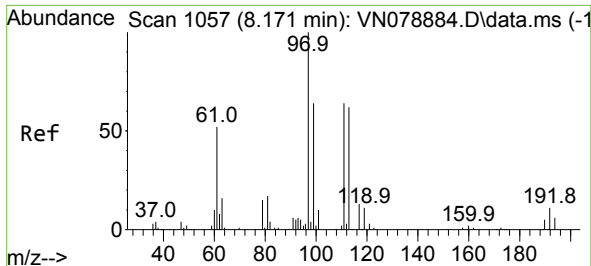
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 15.1 0.0 30.6

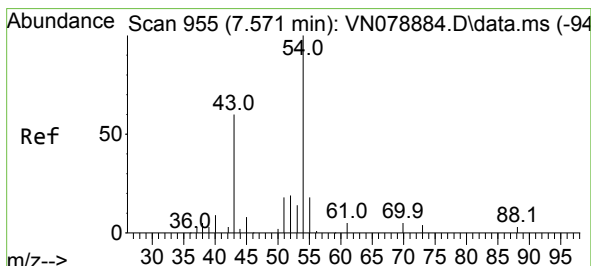
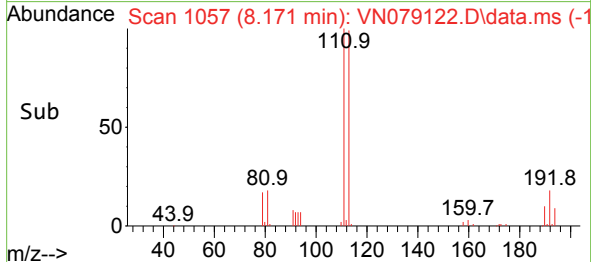
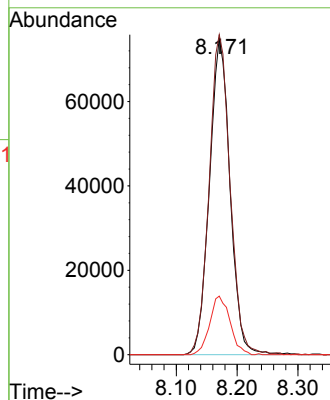
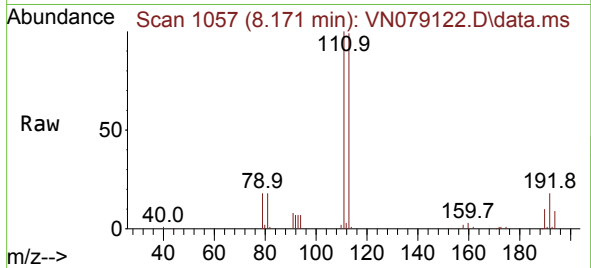




#35
Dibromofluoromethane
Concen: 50.210 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079122.D
Acq: 01 Sep 2023 14:58

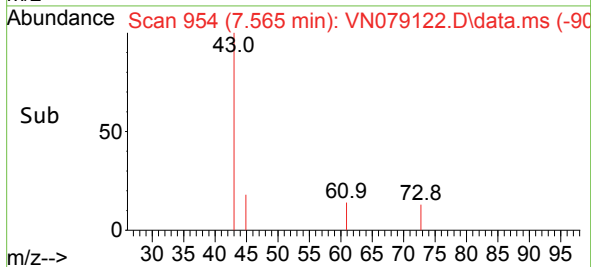
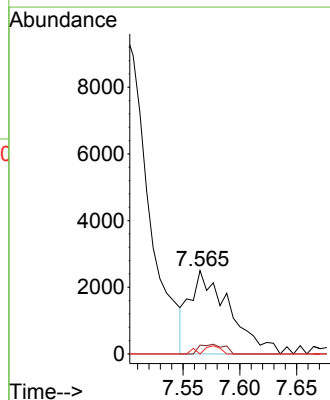
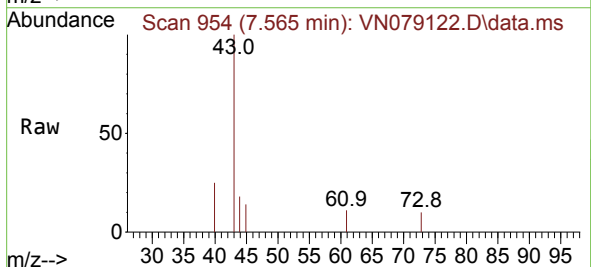
Instrument :
MSVOA_N
ClientSampleId :
SBG-1

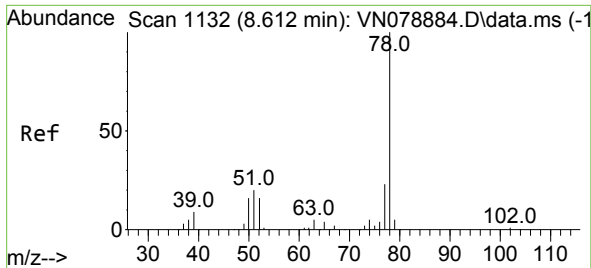
Tgt Ion:113 Resp: 175887
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 18.3 12.7 19.1



#37
Ethyl Acetate
Concen: 1.025 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN079122.D
Acq: 01 Sep 2023 14:58

Tgt Ion: 43 Resp: 6046
Ion Ratio Lower Upper
43 100
61 7.3 13.2 19.8#
70 4.5 11.3 16.9#

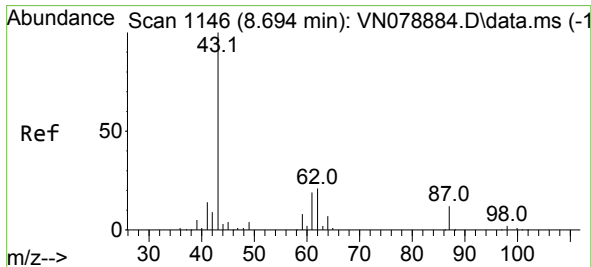
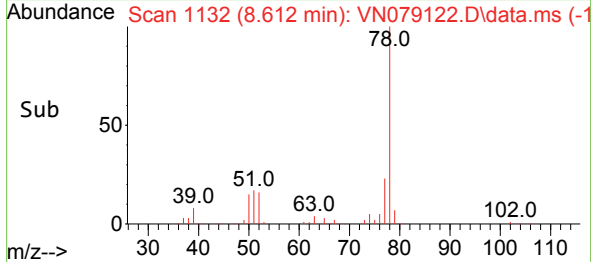
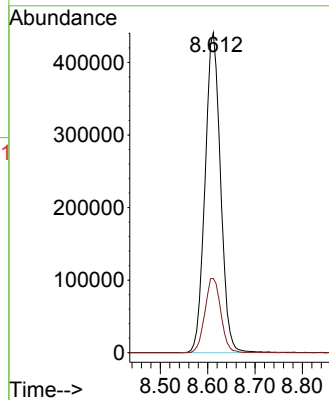
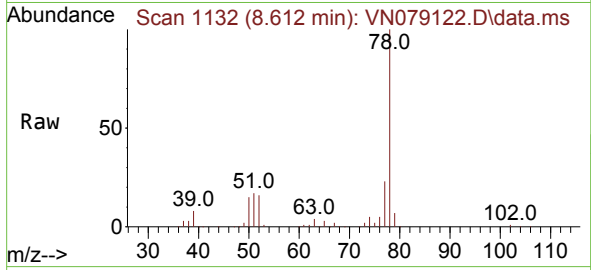




#40
Benzene
Concen: 64.302 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079122.D
Acq: 01 Sep 2023 14:58

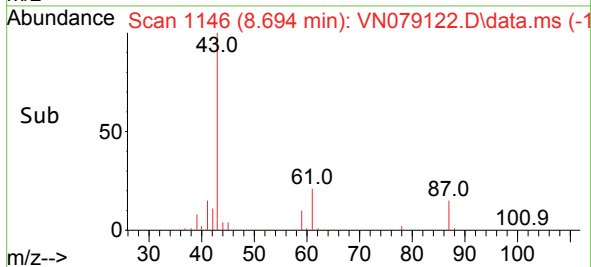
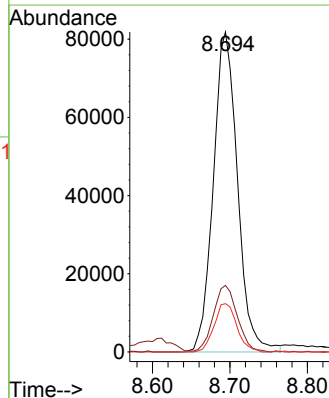
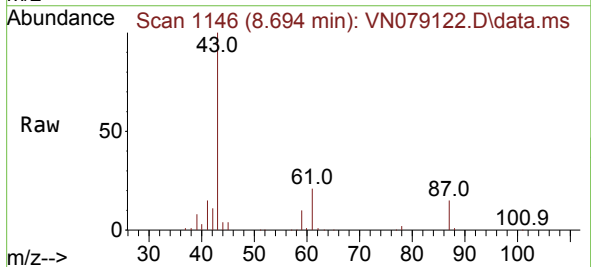
Instrument :
MSVOA_N
ClientSampleId :
SBG-1

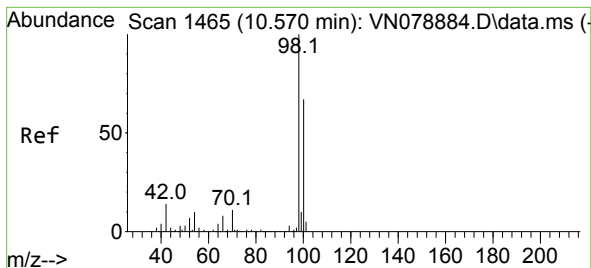
Tgt Ion: 78 Resp: 1001526
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6



#43
Isopropyl Acetate
Concen: 17.052 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079122.D
Acq: 01 Sep 2023 14:58

Tgt Ion: 43 Resp: 177689
Ion Ratio Lower Upper
43 100
61 20.5 24.7 37.1#
87 14.2 14.6 21.8#





#50

Toluene-d8

Concen: 48.546 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079122.D

Acq: 01 Sep 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

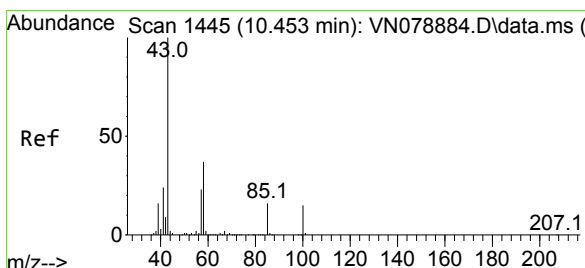
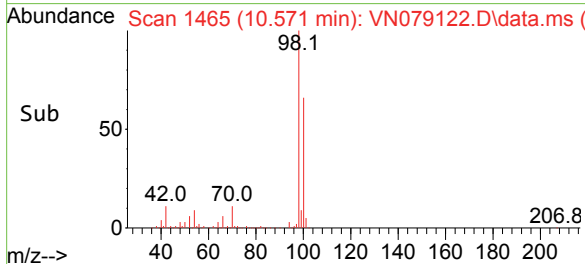
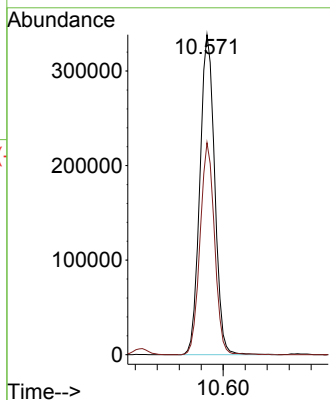
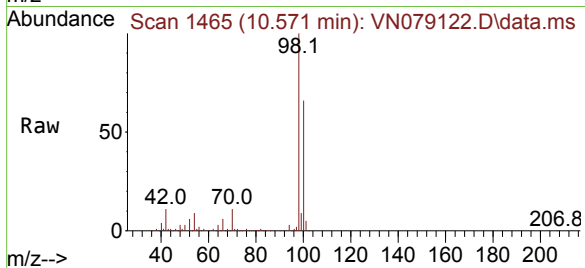
SBG-1

Tgt Ion: 98 Resp: 631440

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 12.724 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. -0.000 min

Lab File: VN079122.D

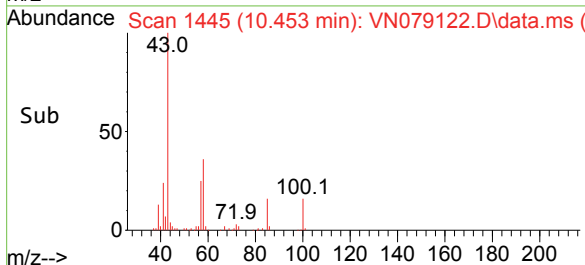
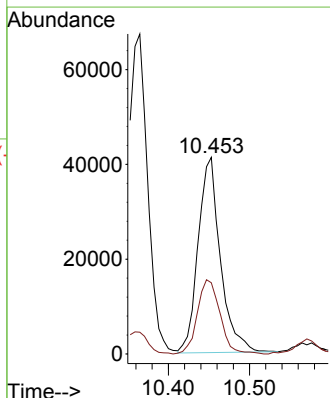
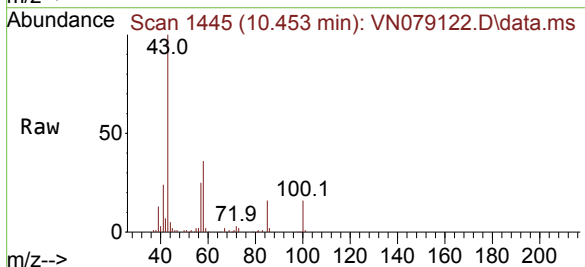
Acq: 01 Sep 2023 14:58

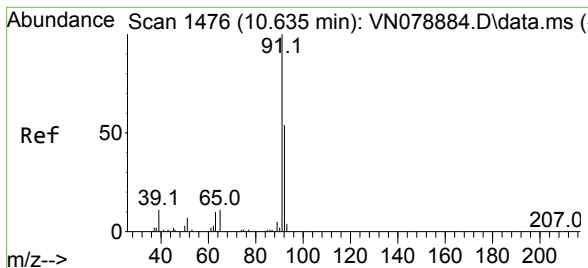
Tgt Ion: 43 Resp: 78639

Ion Ratio Lower Upper

43 100

58 38.5 36.6 54.8





#52

Toluene

Concen: 78.748 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079122.D

Acq: 01 Sep 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

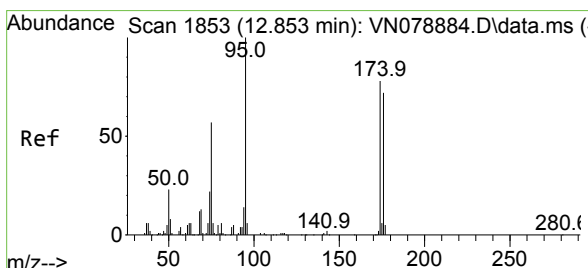
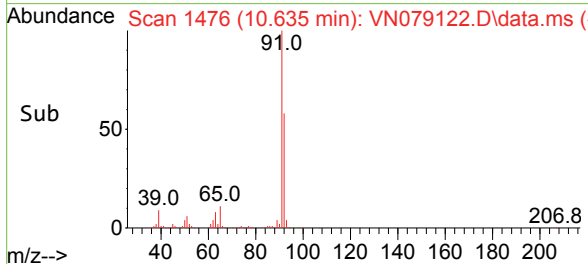
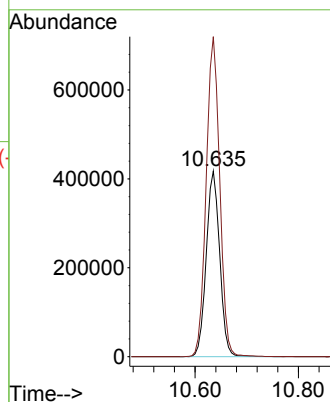
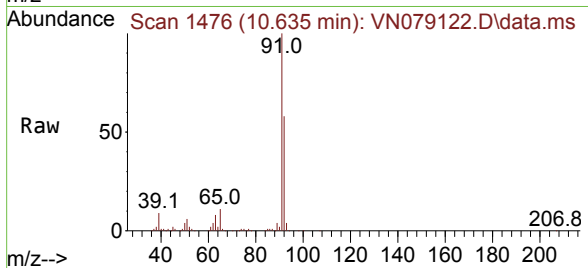
SBG-1

Tgt Ion: 92 Resp: 753039

Ion Ratio Lower Upper

92 100

91 173.7 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 36.885 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.006 min

Lab File: VN079122.D

Acq: 01 Sep 2023 14:58

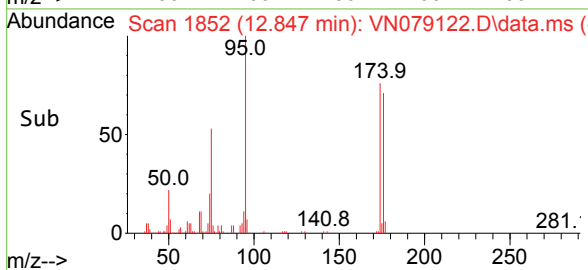
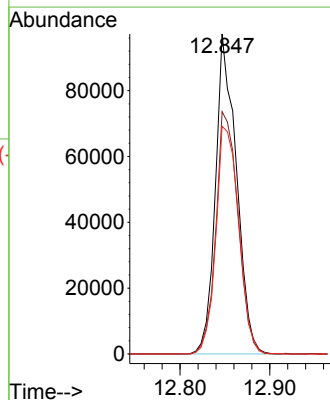
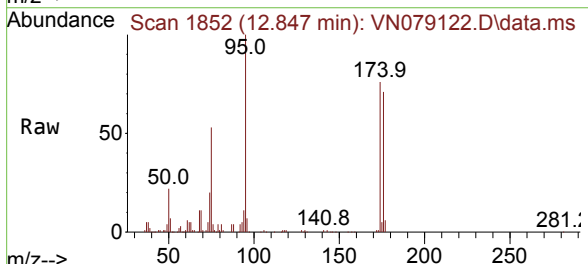
Tgt Ion: 95 Resp: 156817

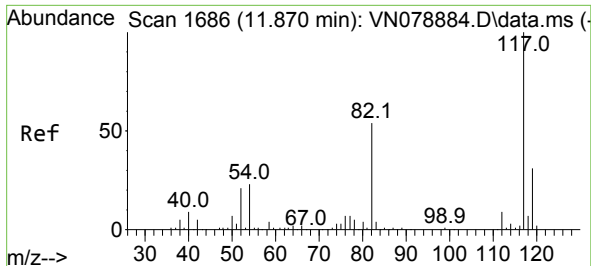
Ion Ratio Lower Upper

95 100

174 80.6 0.0 143.8

176 77.8 0.0 135.8

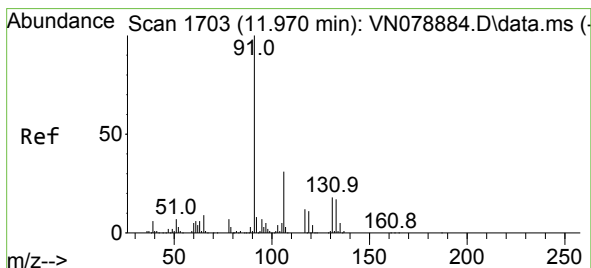
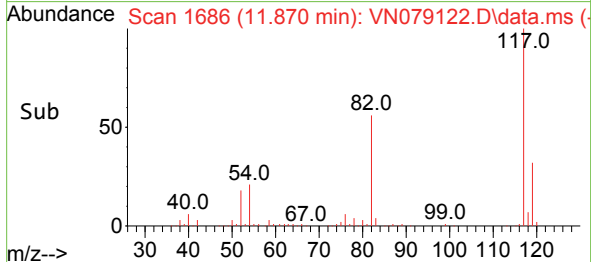
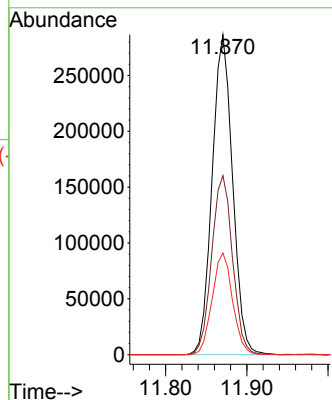
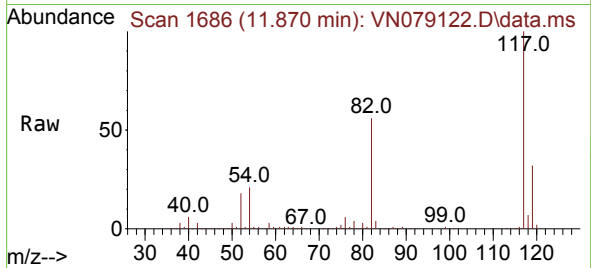




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079122.D
Acq: 01 Sep 2023 14:58

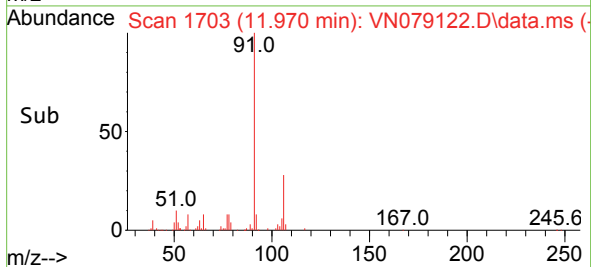
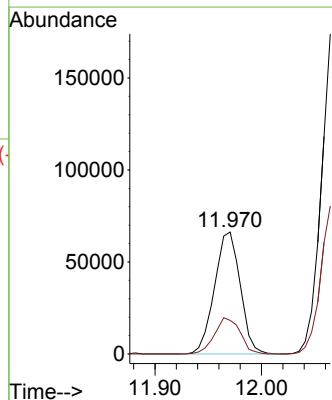
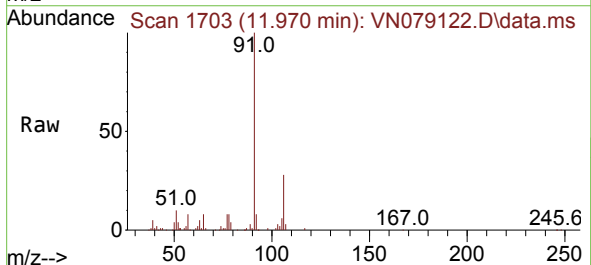
Instrument :
MSVOA_N
ClientSampleId :
SBG-1

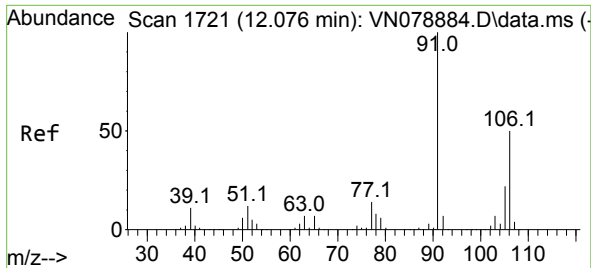
Tgt Ion:117 Resp: 501645
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 31.7 25.6 38.4



#67
Ethyl Benzene
Concen: 5.717 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079122.D
Acq: 01 Sep 2023 14:58

Tgt Ion: 91 Resp: 111013
Ion Ratio Lower Upper
91 100
106 27.6 25.6 38.4

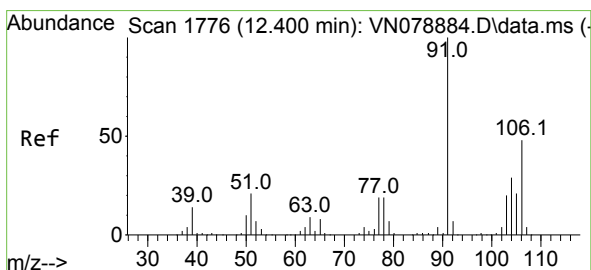
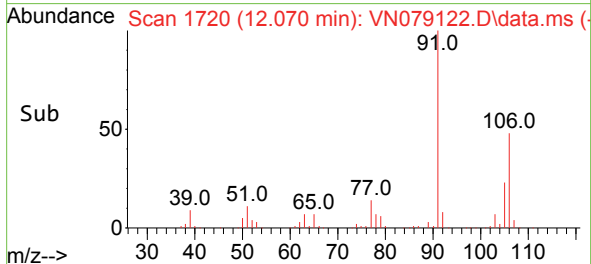
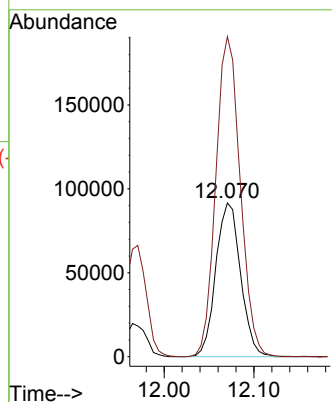
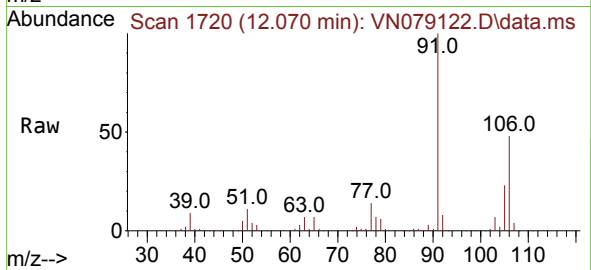




#68
m/p-Xylenes
Concen: 24.149 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN079122.D
Acq: 01 Sep 2023 14:58

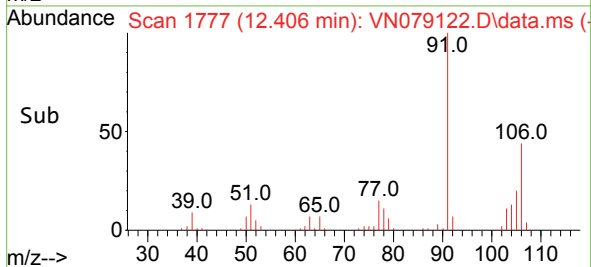
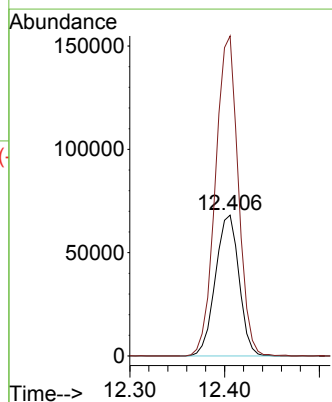
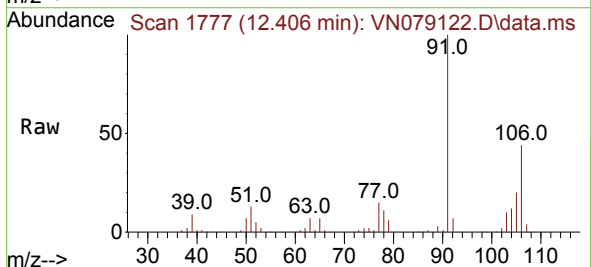
Instrument :
MSVOA_N
ClientSampleId :
SBG-1

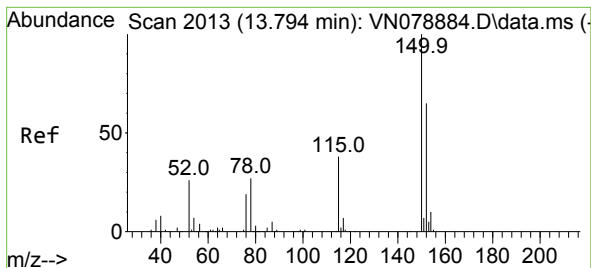
Tgt Ion:106 Resp: 175329
Ion Ratio Lower Upper
106 100
91 205.6 159.6 239.4



#69
o-Xylene
Concen: 16.711 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079122.D
Acq: 01 Sep 2023 14:58

Tgt Ion:106 Resp: 118022
Ion Ratio Lower Upper
106 100
91 219.8 105.2 315.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN079122.D

Acq: 01 Sep 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

SBG-1

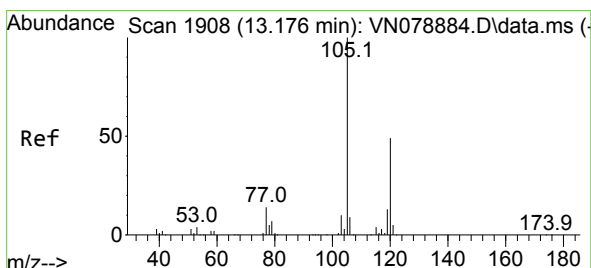
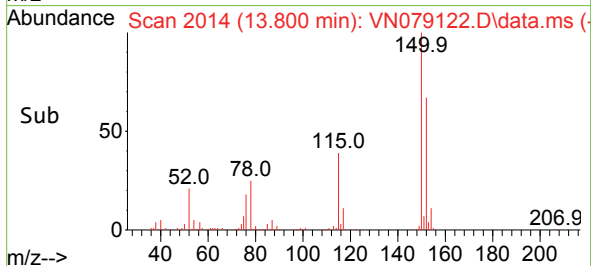
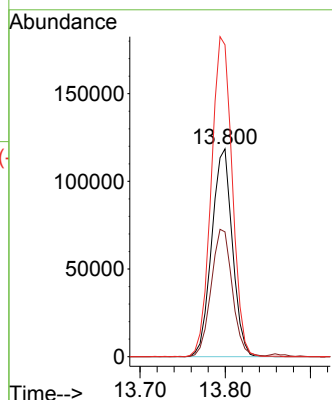
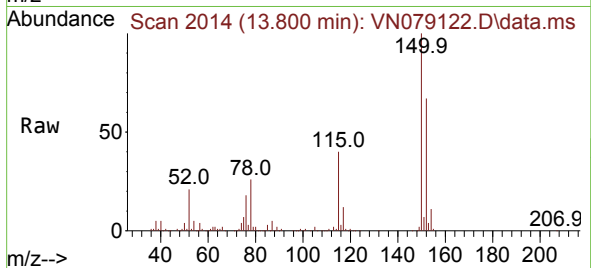
Tgt Ion:152 Resp: 200098

Ion Ratio Lower Upper

152 100

115 62.8 32.3 96.8

150 156.0 0.0 355.8



#80

1,3,5-Trimethylbenzene

Concen: 1.754 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079122.D

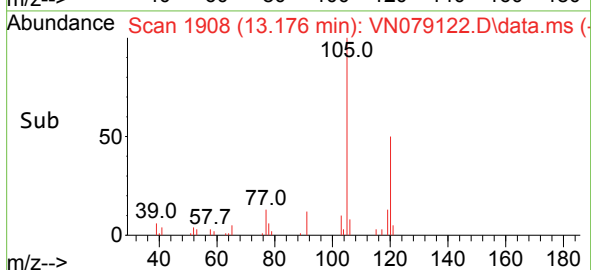
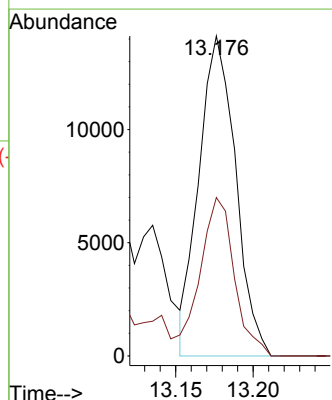
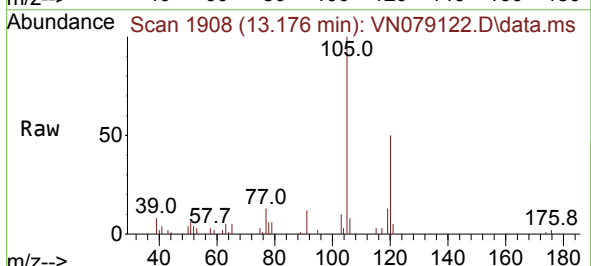
Acq: 01 Sep 2023 14:58

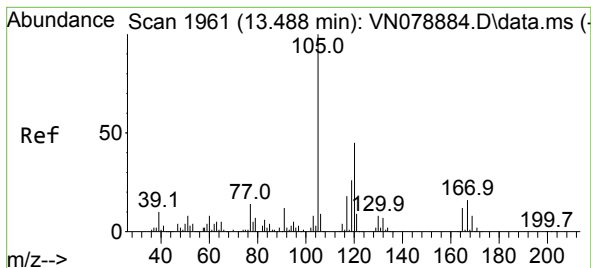
Tgt Ion:105 Resp: 23185

Ion Ratio Lower Upper

105 100

120 46.8 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 7.704 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN079122.D

Acq: 01 Sep 2023 14:58

Instrument :

MSVOA_N

ClientSampleId :

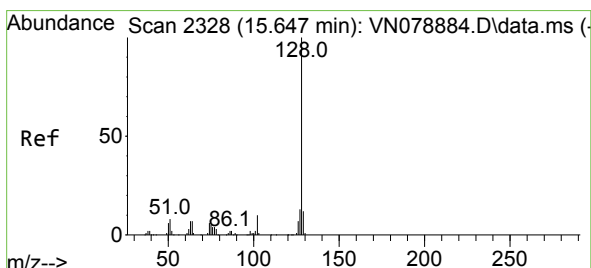
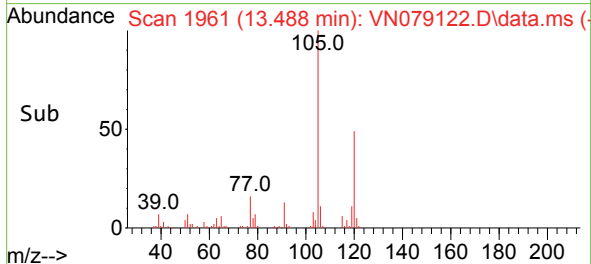
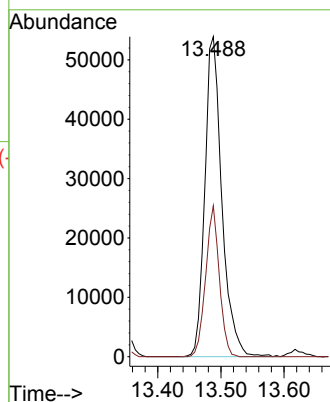
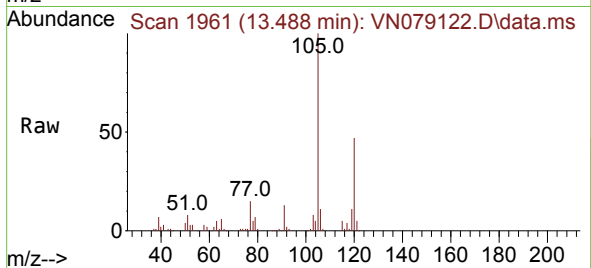
SBG-1

Tgt Ion:105 Resp: 100864

Ion Ratio Lower Upper

105 100

120 37.8 22.0 66.0



#95

Naphthalene

Concen: 81.228 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079122.D

Acq: 01 Sep 2023 14:58

Tgt Ion:128 Resp: 764638

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.8 8.7 13.1

