

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079124.D
 Acq On : 01 Sep 2023 15:46
 Operator : JC\MD
 Sample : 04232-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SBG-3

Quant Time: Sep 01 23:14:18 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	8.235	168	258243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	535926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	413906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207344	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	208634	51.919	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.840%
35) Dibromofluoromethane	8.171	113	180184	49.946	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.900%
50) Toluene-d8	10.571	98	652040	48.677	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.360%
62) 4-Bromofluorobenzene	12.853	95	235964	53.893	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.780%

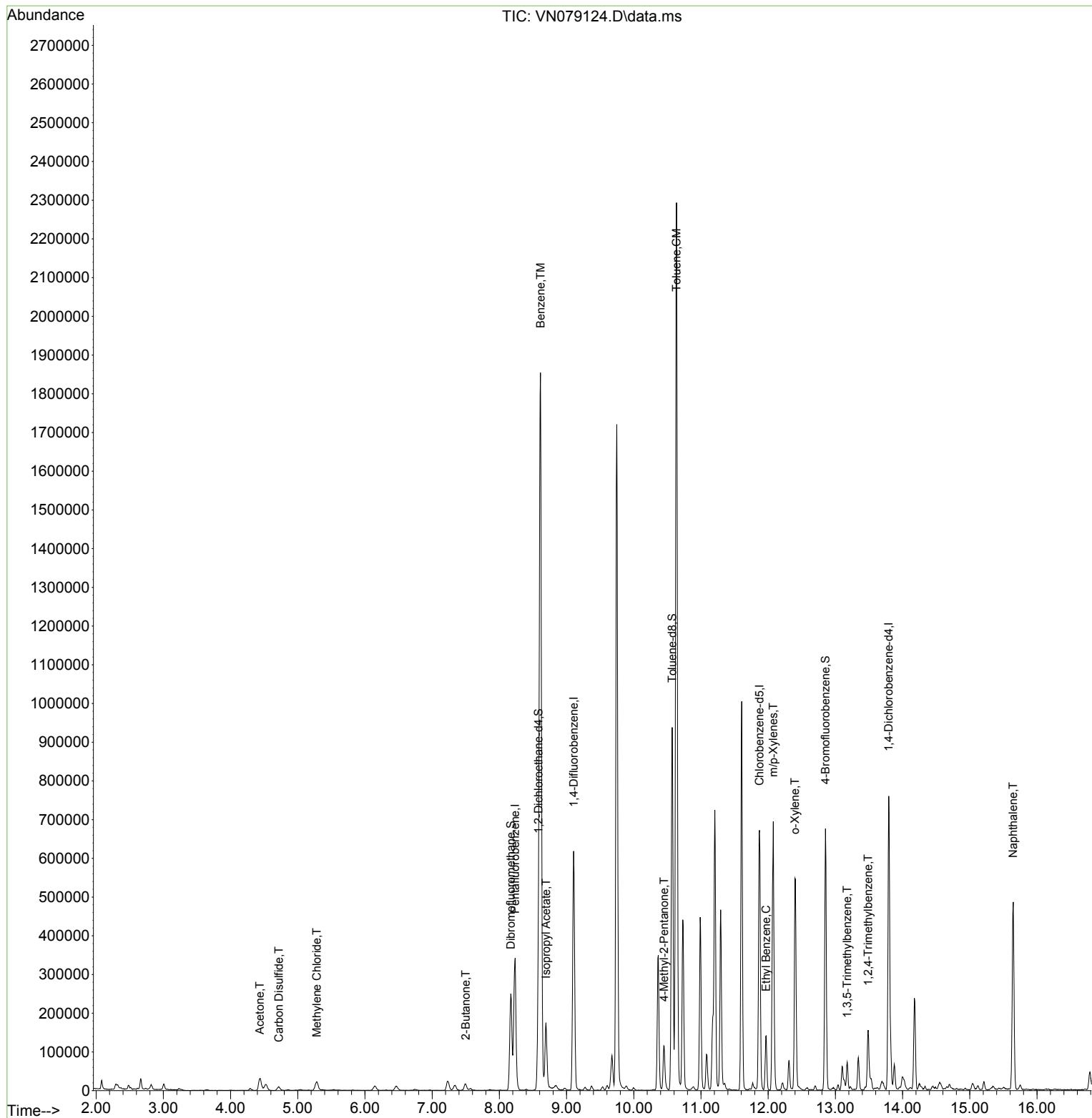
Target Compounds						Qvalue
16) Acetone	4.436	43	61884	37.323	ug/l	93
17) Carbon Disulfide	4.718	76	19114	2.463	ug/l #	90
20) Methylene Chloride	5.283	84	18106	5.124	ug/l #	82
25) 2-Butanone	7.500	43	29684	11.166	ug/l #	83
40) Benzene	8.612	78	1881444	117.296	ug/l	100
43) Isopropyl Acetate	8.694	43	188783	17.591	ug/l #	84
51) 4-Methyl-2-Pentanone	10.453	43	84507	13.277	ug/l	89
52) Toluene	10.635	92	1017924	103.363	ug/l	99
67) Ethyl Benzene	11.970	91	94835	5.919	ug/l	99
68) m/p-Xylenes	12.076	106	214380	35.787	ug/l	97
69) o-Xylene	12.400	106	144891	24.864	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	38662	2.822	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	97131	7.160	ug/l	95
95) Naphthalene	15.647	128	442012	46.452	ug/l	99

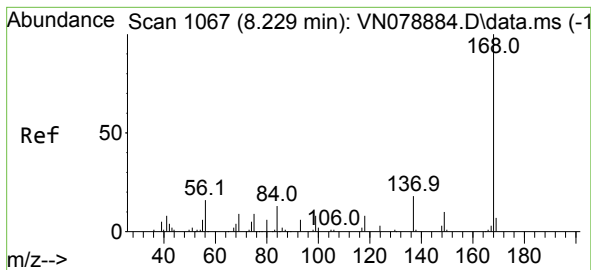
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN079124.D

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Instrument :

MSVOA_N

ClientSampleId :

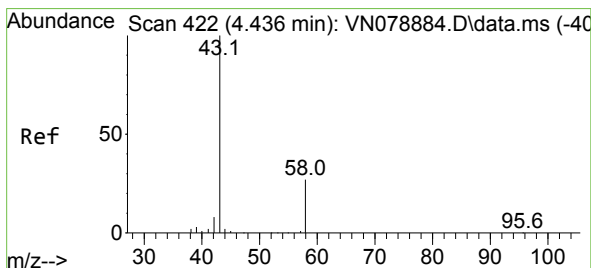
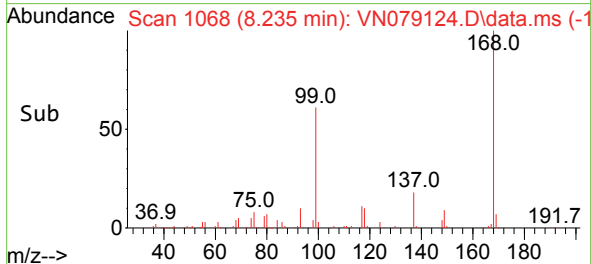
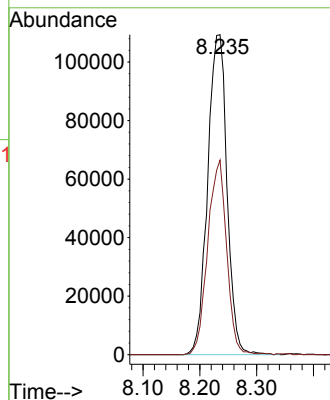
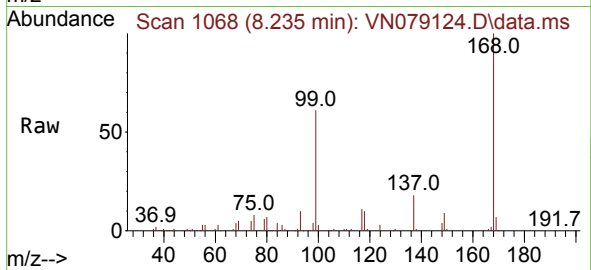
SBG-3

Tgt Ion:168 Resp: 258243

Ion Ratio Lower Upper

168 100

99 60.8 53.0 79.6



#16

Acetone

Concen: 37.323 ug/l

RT: 4.436 min Scan# 422

Delta R.T. -0.006 min

Lab File: VN079124.D

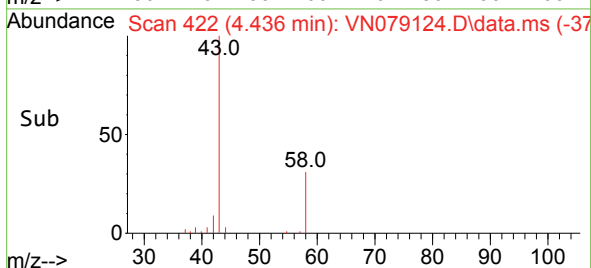
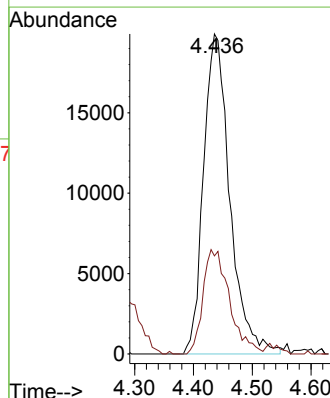
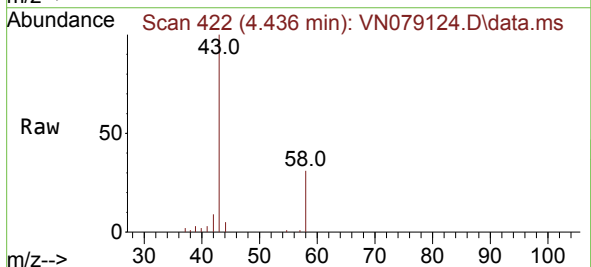
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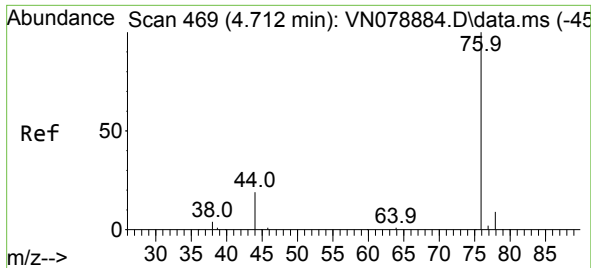
Tgt Ion: 43 Resp: 61884

Ion Ratio Lower Upper

43 100

58 30.7 28.0 42.0

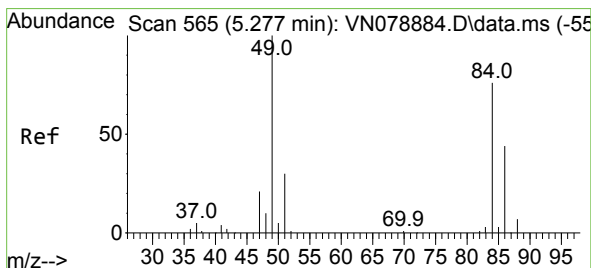
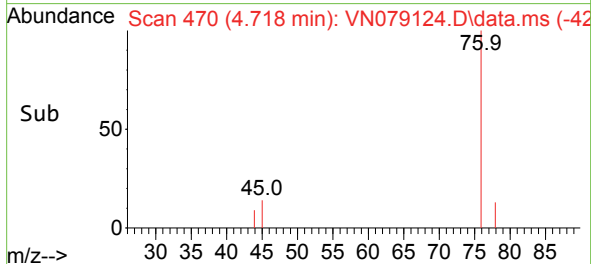
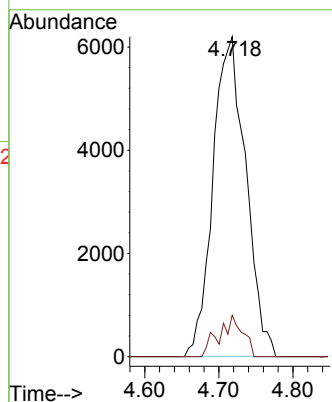
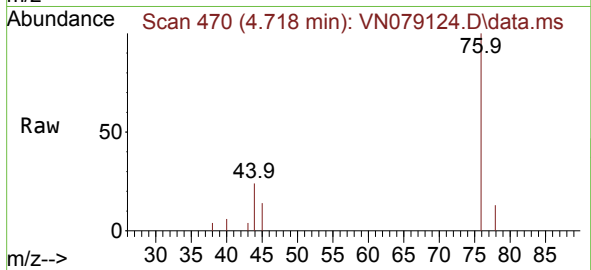




#17
Carbon Disulfide
Concen: 2.463 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079124.D
Acq: 01 Sep 2023 15:46

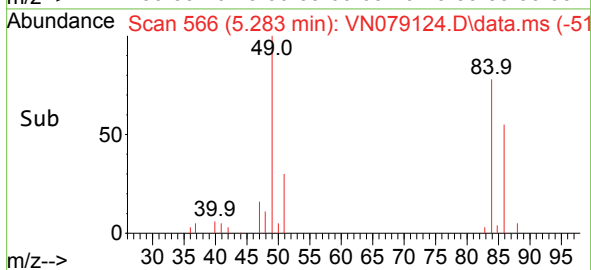
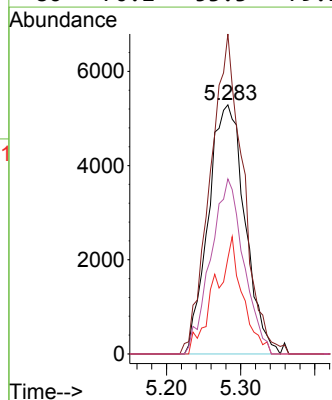
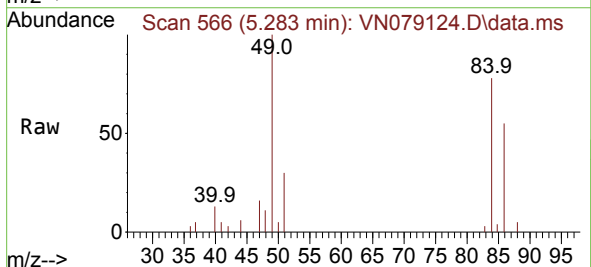
Instrument :
MSVOA_N
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SBG-3

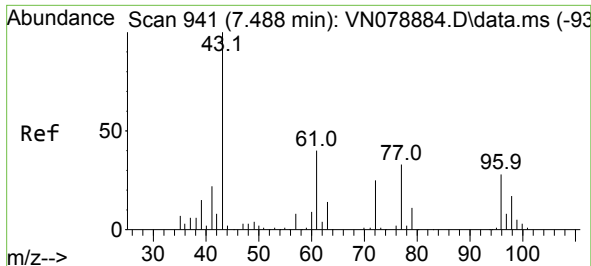
Tgt Ion: 76 Resp: 19114
Ion Ratio Lower Upper
76 100
78 13.0 7.4 11.0#



#20
Methylene Chloride
Concen: 5.124 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079124.D
Acq: 01 Sep 2023 15:46

Tgt Ion: 84 Resp: 18106
Ion Ratio Lower Upper
84 100
49 128.4 79.7 119.5#
51 38.4 25.2 37.8#
86 70.2 53.3 79.9

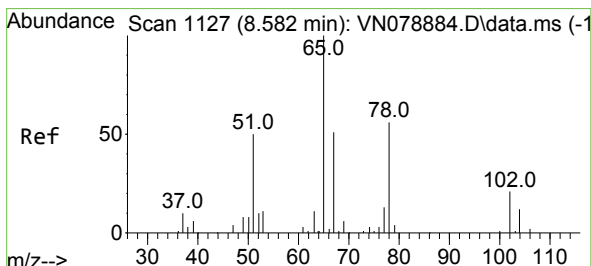
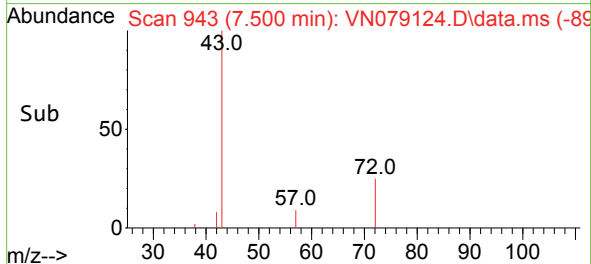
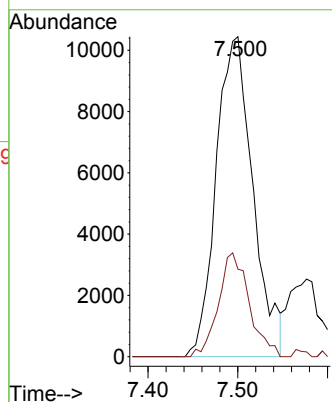
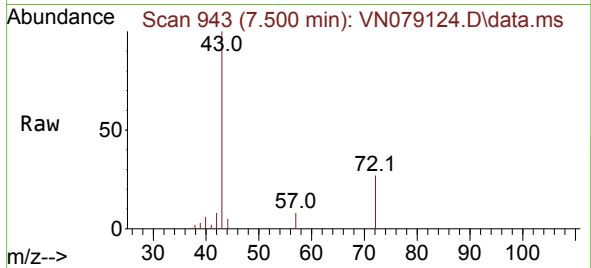




#25
2-Butanone
Concen: 11.166 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN079124.D
Acq: 01 Sep 2023 15:46

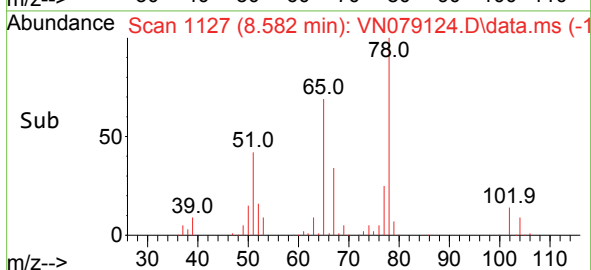
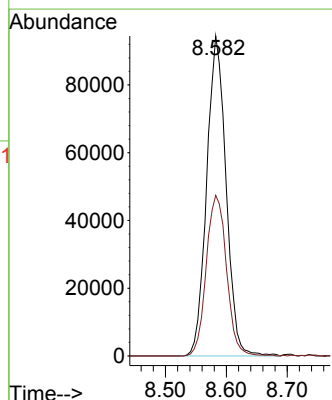
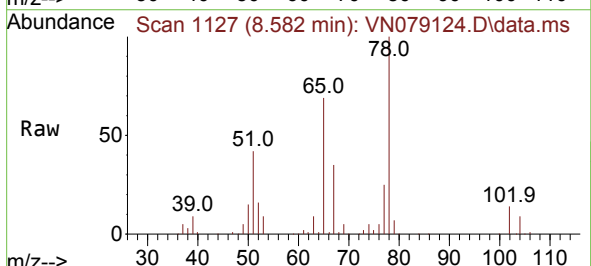
Instrument :
MSVOA_N
ClientSampleId :
SBG-3

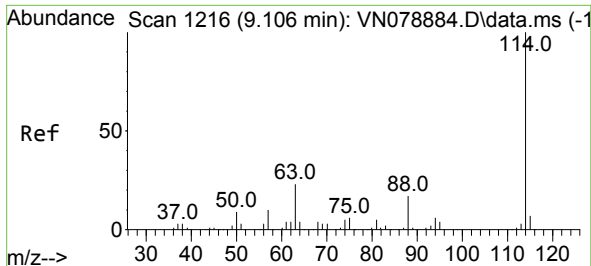
Tgt Ion: 43 Resp: 29684
Ion Ratio Lower Upper
43 100
72 27.4 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 51.919 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079124.D
Acq: 01 Sep 2023 15:46

Tgt Ion: 65 Resp: 208634
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079124.D

Acq: 01 Sep 2023 15:46

Instrument :

MSVOA_N

ClientSampleId :

SBG-3

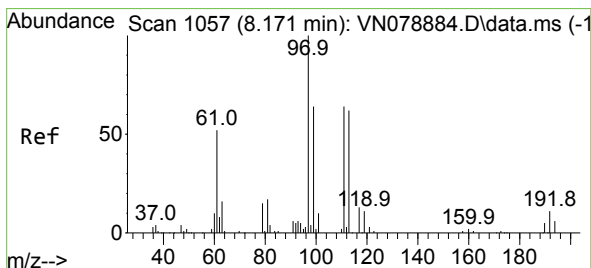
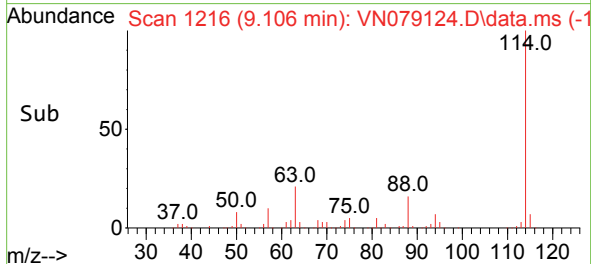
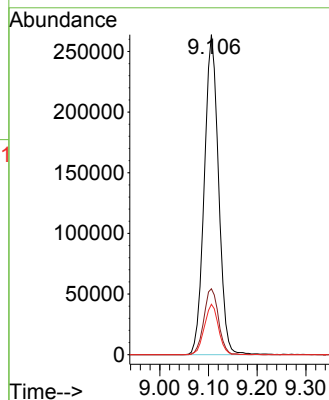
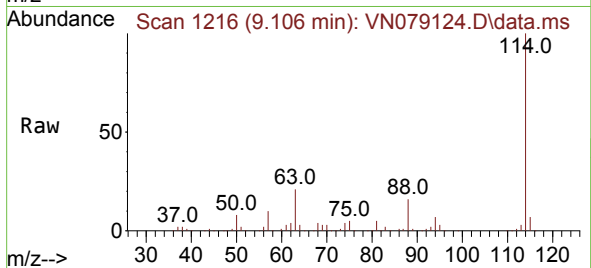
Tgt Ion:114 Resp: 535926

Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.946 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079124.D

Acq: 01 Sep 2023 15:46

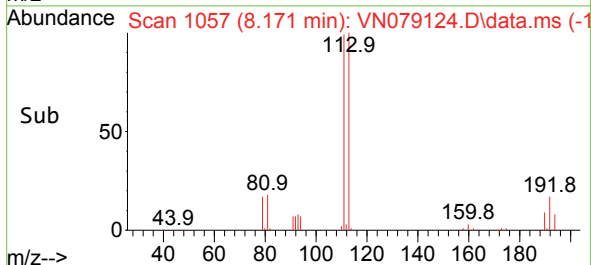
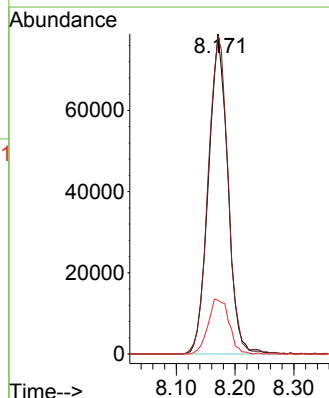
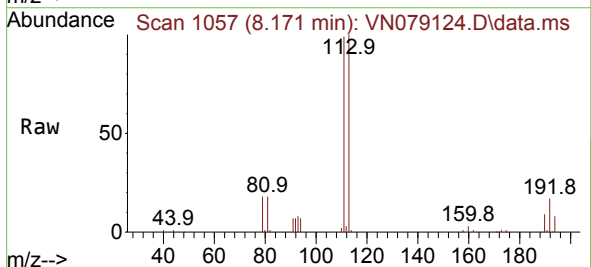
Tgt Ion:113 Resp: 180184

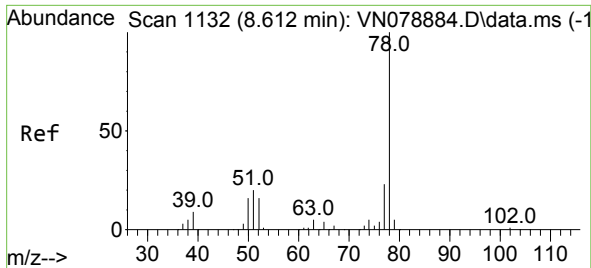
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 18.5 12.7 19.1

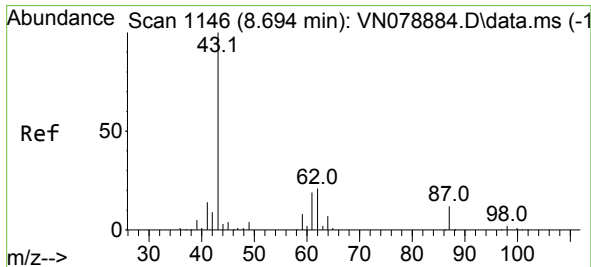
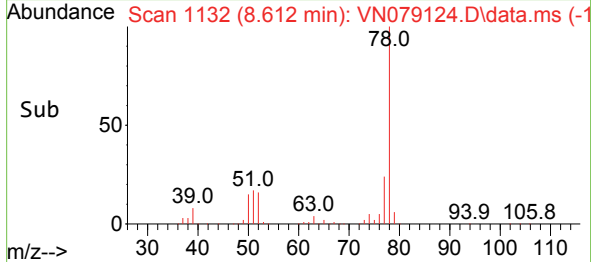
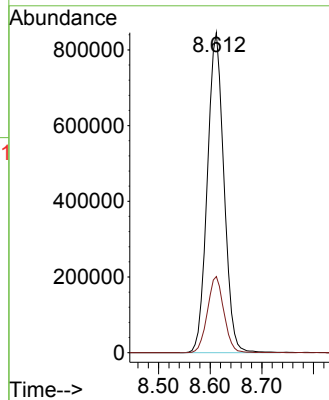
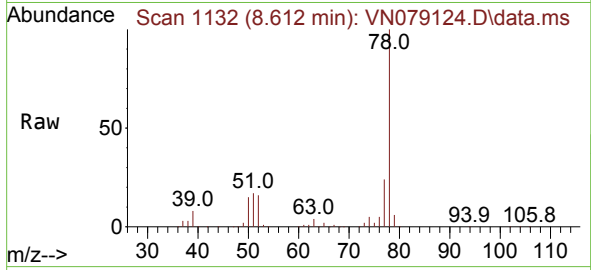




#40
Benzene
Concen: 117.296 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079124.D
Acq: 01 Sep 2023 15:46

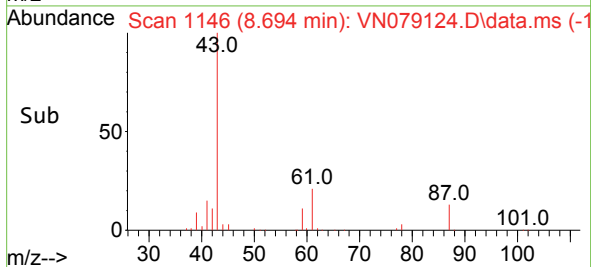
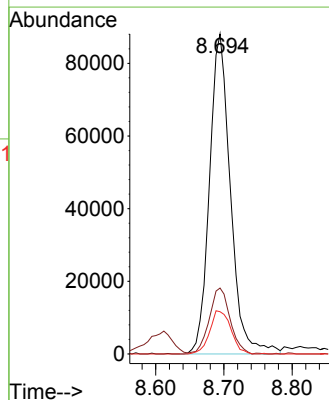
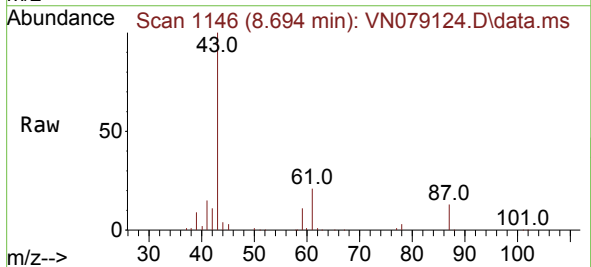
Instrument :
MSVOA_N
ClientSampleId :
SBG-3

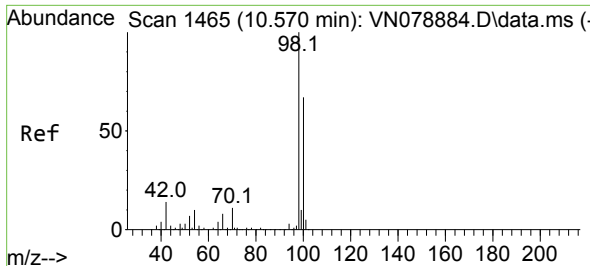
Tgt Ion: 78 Resp: 1881444
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



#43
Isopropyl Acetate
Concen: 17.591 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079124.D
Acq: 01 Sep 2023 15:46

Tgt Ion: 43 Resp: 188783
Ion Ratio Lower Upper
43 100
61 20.5 24.7 37.1#
87 13.6 14.6 21.8#

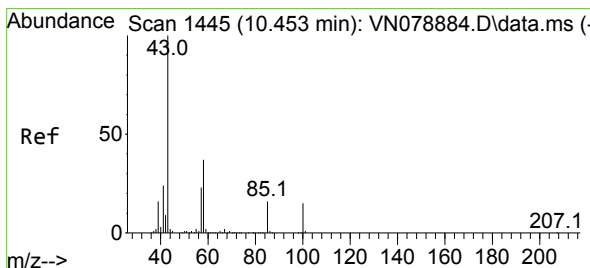
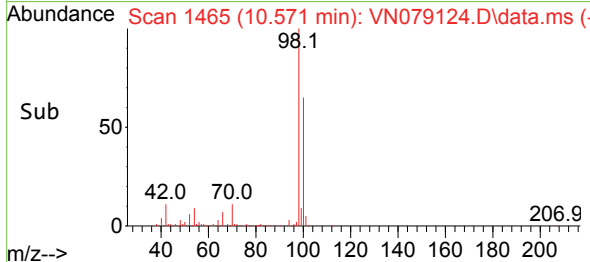
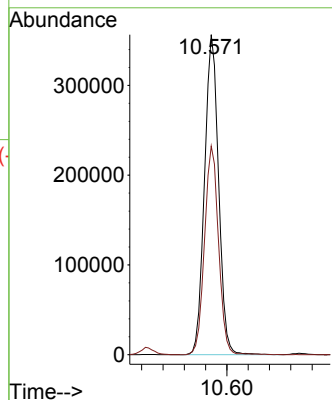
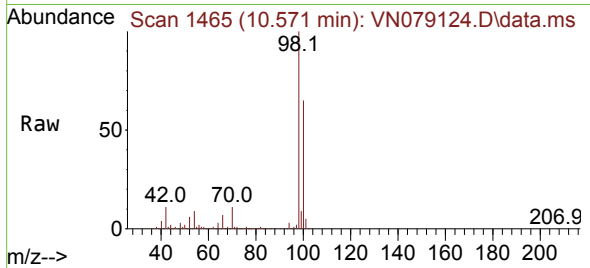




#50
Toluene-d8
Concen: 48.677 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079124.D
Acq: 01 Sep 2023 15:46

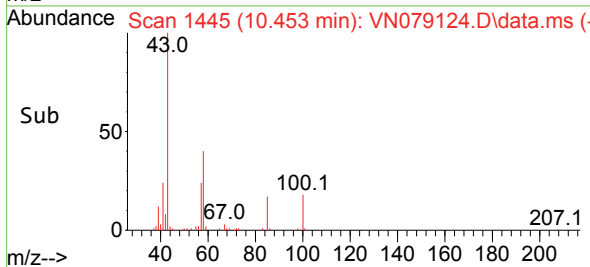
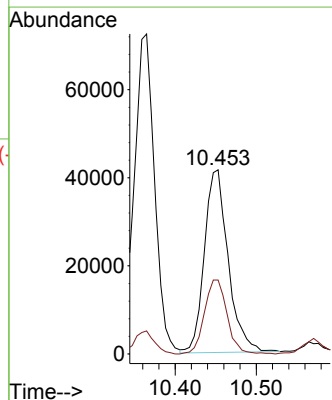
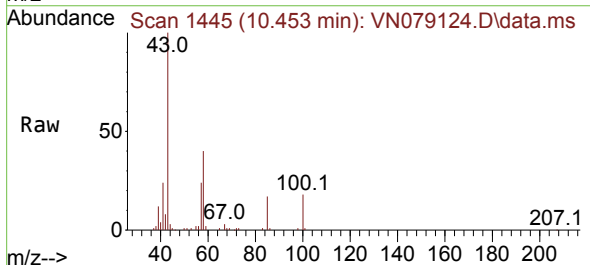
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SBG-3

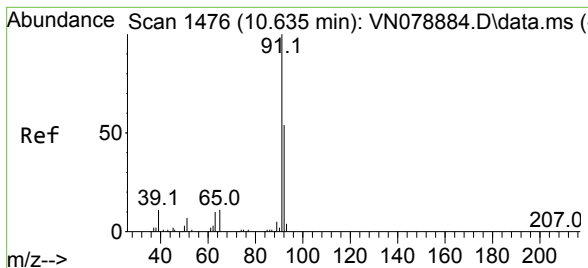
Tgt Ion: 98 Resp: 652040
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 13.277 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079124.D
Acq: 01 Sep 2023 15:46

Tgt Ion: 43 Resp: 84507
Ion Ratio Lower Upper
43 100
58 38.5 36.6 54.8





#52

Toluene

Concen: 103.363 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079124.D

Acq: 01 Sep 2023 15:46

Instrument :

MSVOA_N

ClientSampleId :

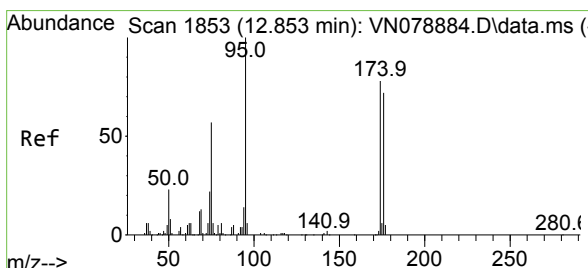
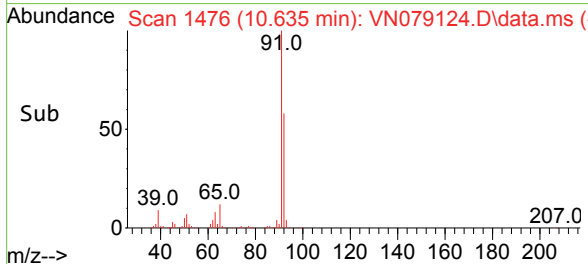
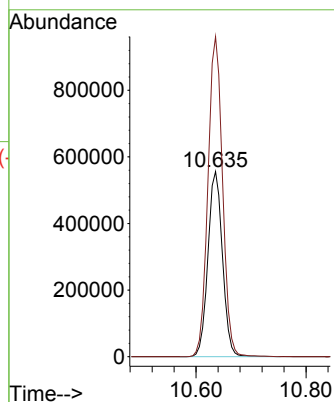
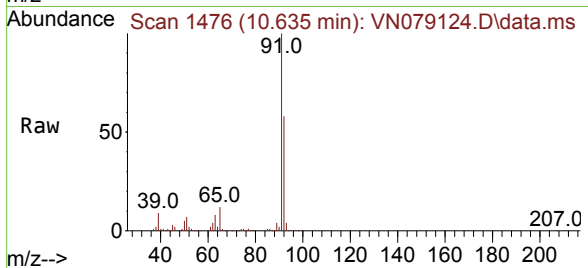
SBG-3

Tgt Ion: 92 Resp: 1017924

Ion Ratio Lower Upper

92 100

91 173.7 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 53.893 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079124.D

Acq: 01 Sep 2023 15:46

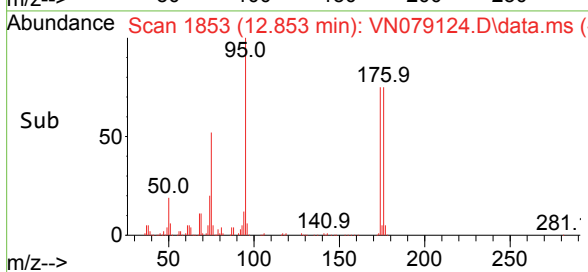
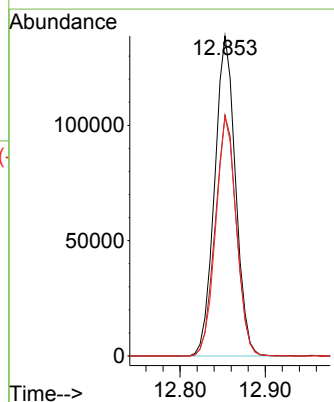
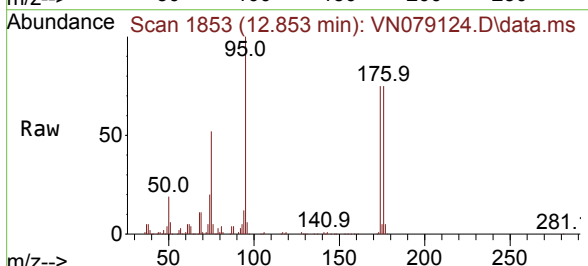
Tgt Ion: 95 Resp: 235964

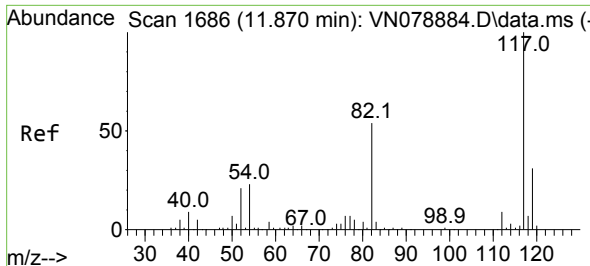
Ion Ratio Lower Upper

95 100

174 76.0 0.0 143.8

176 73.9 0.0 135.8

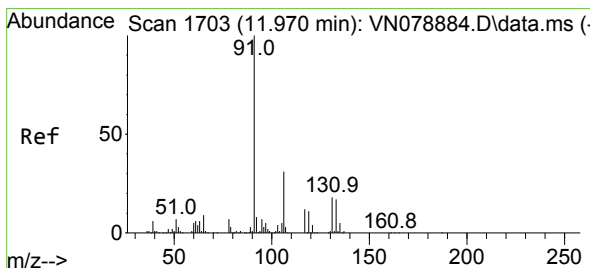
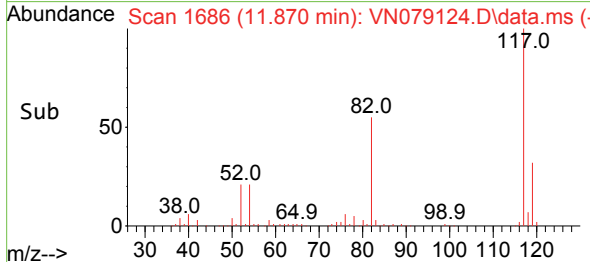
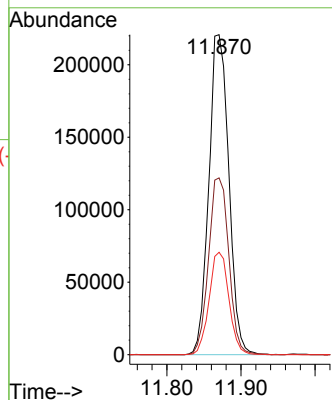
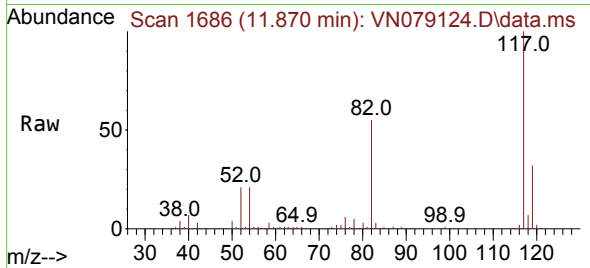




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079124.D
Acq: 01 Sep 2023 15:46

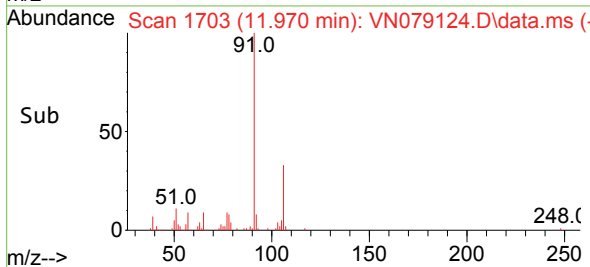
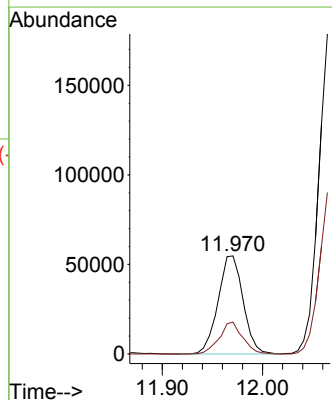
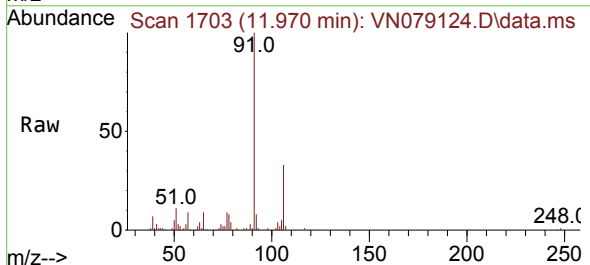
Instrument :
MSVOA_N
ClientSampleId :
SBG-3

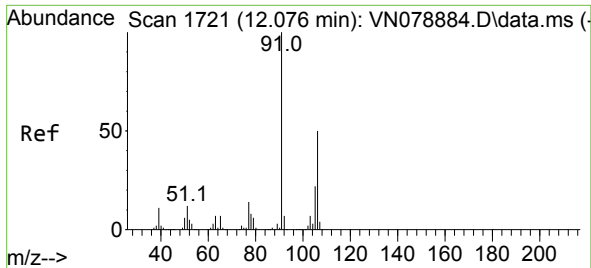
Tgt Ion:117 Resp: 413906
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 32.0 25.6 38.4



#67
Ethyl Benzene
Concen: 5.919 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079124.D
Acq: 01 Sep 2023 15:46

Tgt Ion: 91 Resp: 94835
Ion Ratio Lower Upper
91 100
106 32.5 25.6 38.4

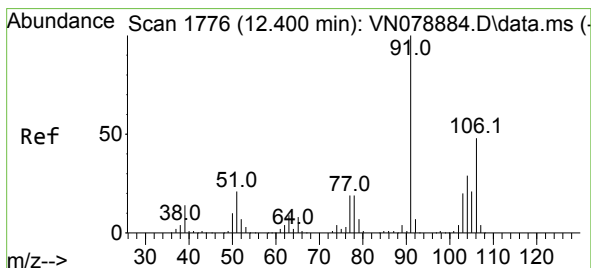
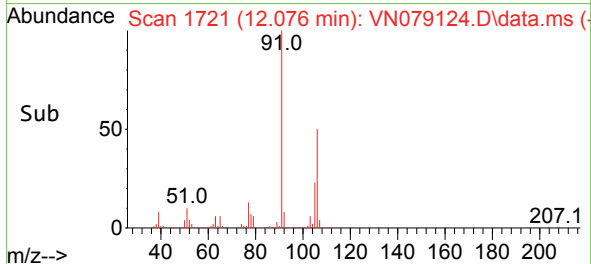
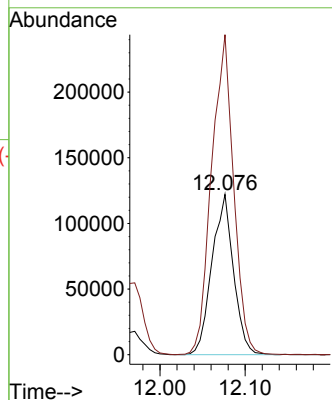
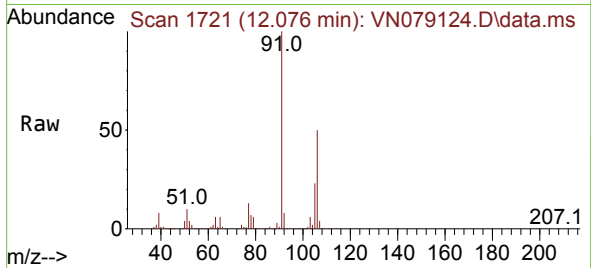




#68
m/p-Xylenes
Concen: 35.787 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079124.D
Acq: 01 Sep 2023 15:46

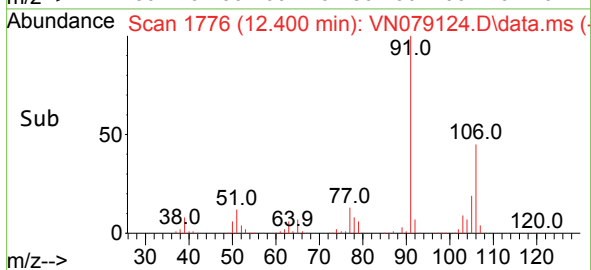
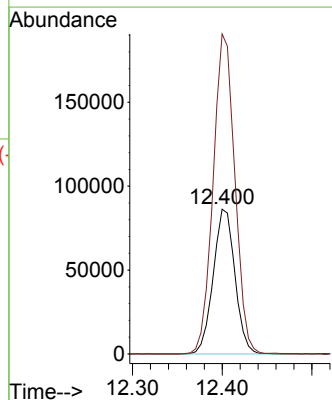
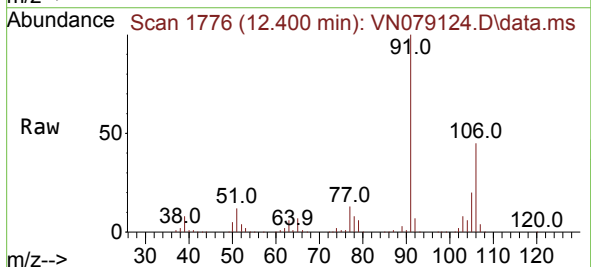
Instrument :
MSVOA_N
ClientSampleId :
SBG-3

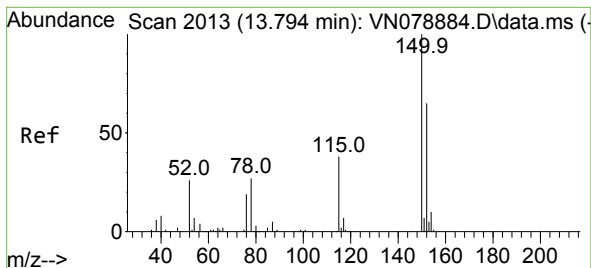
Tgt Ion:106 Resp: 214380
Ion Ratio Lower Upper
106 100
91 204.5 159.6 239.4



#69
o-Xylene
Concen: 24.864 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079124.D
Acq: 01 Sep 2023 15:46

Tgt Ion:106 Resp: 144891
Ion Ratio Lower Upper
106 100
91 221.8 105.2 315.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079124.D

Acq: 01 Sep 2023 15:46

Instrument :

MSVOA_N

ClientSampleId :

SBG-3

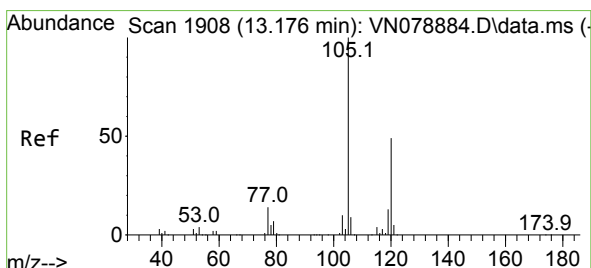
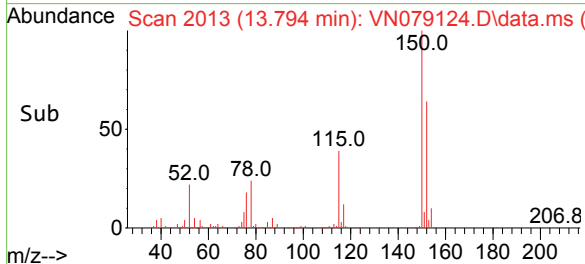
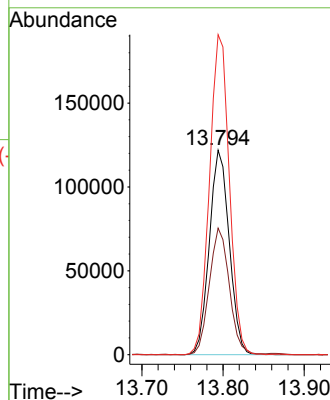
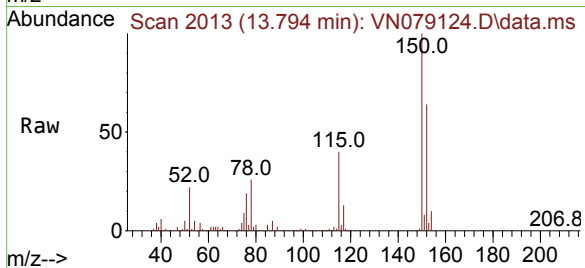
Tgt Ion:152 Resp: 207344

Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 155.7 0.0 355.8



#80

1,3,5-Trimethylbenzene

Concen: 2.822 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079124.D

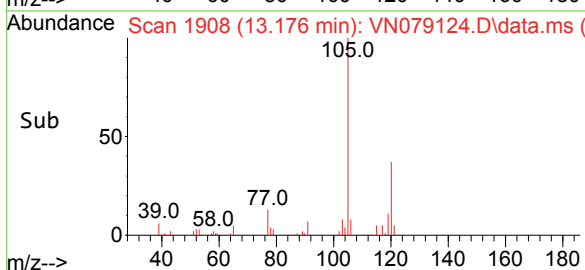
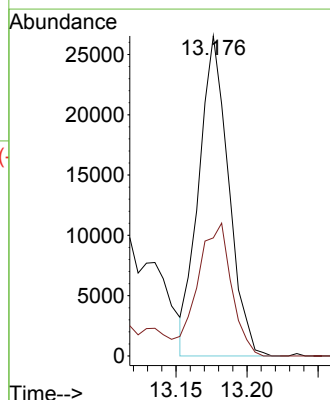
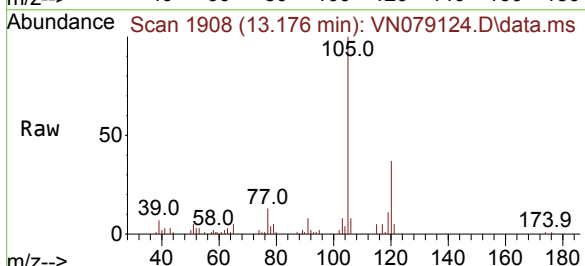
Acq: 01 Sep 2023 15:46

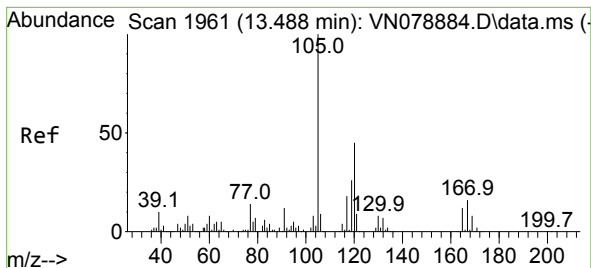
Tgt Ion:105 Resp: 38662

Ion Ratio Lower Upper

105 100

120 47.3 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 7.160 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079124.D

Acq: 01 Sep 2023 15:46

Instrument :

MSVOA_N

ClientSampleId :

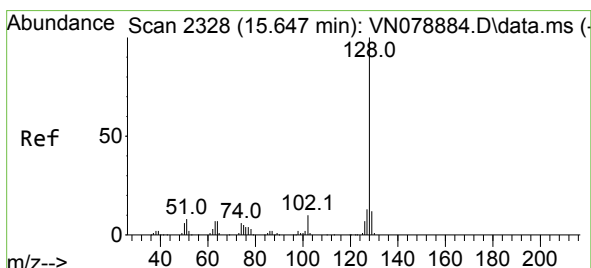
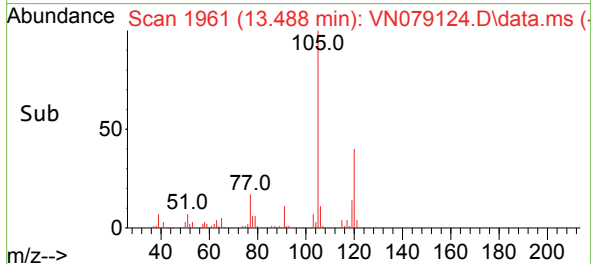
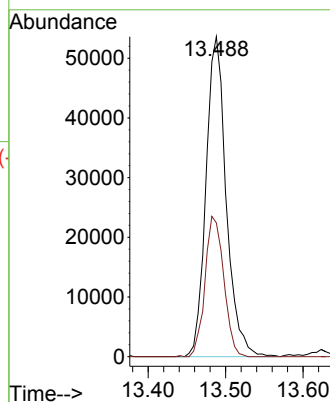
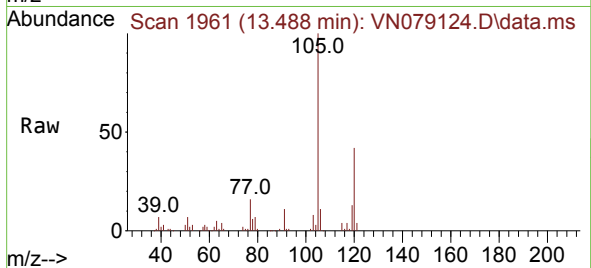
SBG-3

Tgt Ion:105 Resp: 97131

Ion Ratio Lower Upper

105 100

120 40.7 22.0 66.0



#95

Naphthalene

Concen: 46.452 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079124.D

Acq: 01 Sep 2023 15:46

Tgt Ion:128 Resp: 442012

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 11.1 8.7 13.1

