

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079125.D
 Acq On : 01 Sep 2023 16:10
 Operator : JC\MD
 Sample : 04232-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SBG-4

Quant Time: Sep 01 23:15:01 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)

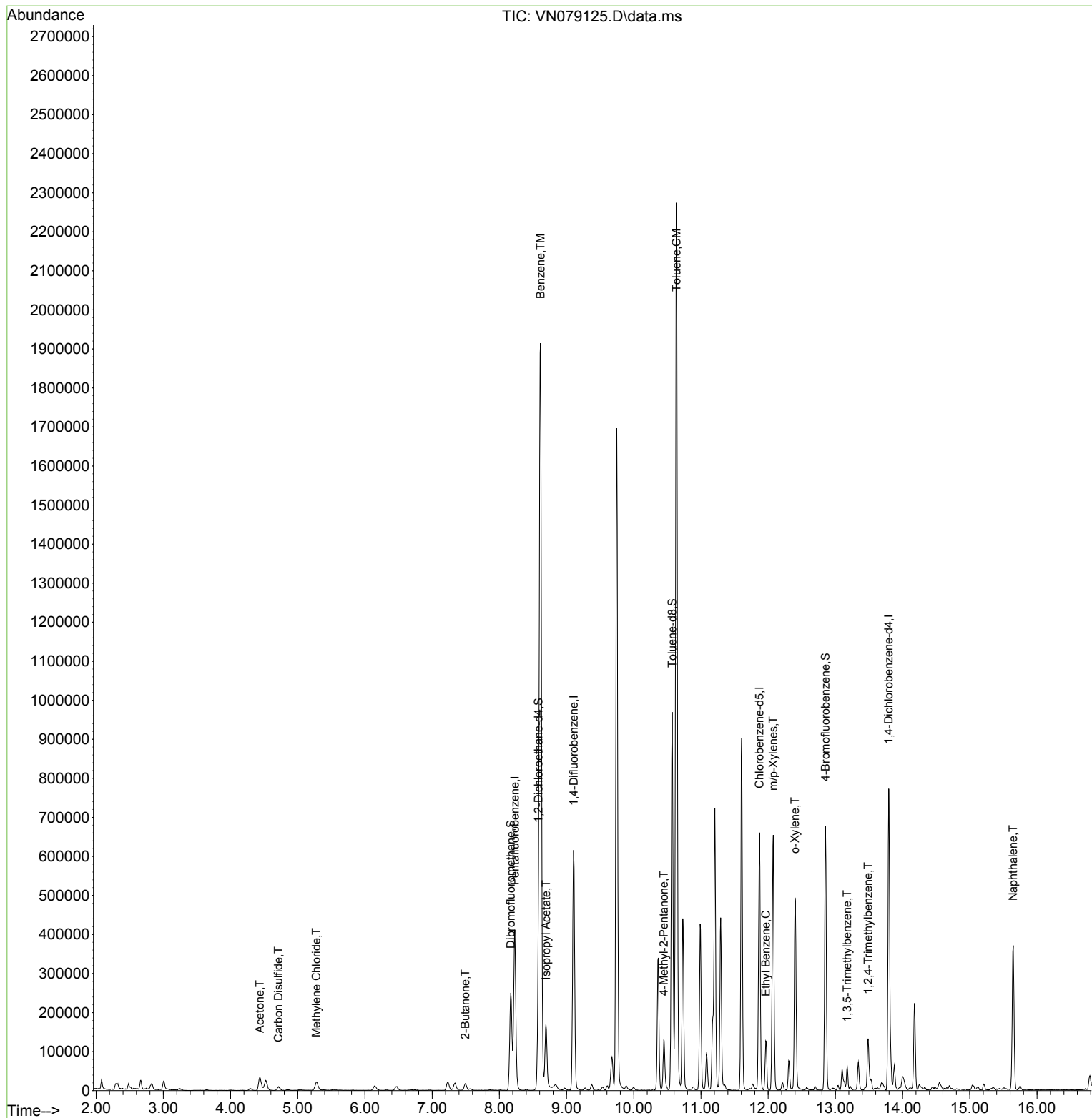
Internal Standards						
1) Pentafluorobenzene	8.230	168	295027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	544996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	382673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	209991	45.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.480%
35) Dibromofluoromethane	8.171	113	183384	49.987	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.980%
50) Toluene-d8	10.571	98	669871	49.176	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.853	95	238409	53.545	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.100%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	64454	34.026	ug/l	90
17) Carbon Disulfide	4.712	76	19980	2.254	ug/l	96
20) Methylene Chloride	5.277	84	17765	4.401	ug/l #	90
25) 2-Butanone	7.494	43	30391	10.007	ug/l	88
40) Benzene	8.612	78	1982610	121.546	ug/l	99
43) Isopropyl Acetate	8.694	43	191793	17.574	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	93824	14.495	ug/l	87
52) Toluene	10.635	92	1017862	101.637	ug/l	99
67) Ethyl Benzene	11.965	91	89309	6.029	ug/l	98
68) m/p-Xylenes	12.076	106	198313	35.807	ug/l	94
69) o-Xylene	12.400	106	133029	24.692	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	30735	2.266	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	81891	6.098	ug/l	95
95) Naphthalene	15.647	128	344195	37.089	ug/l	99

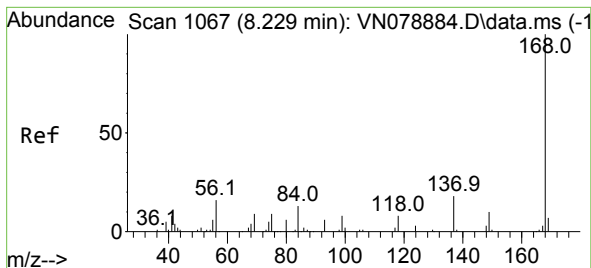
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079125.D

Acq: 01 Sep 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

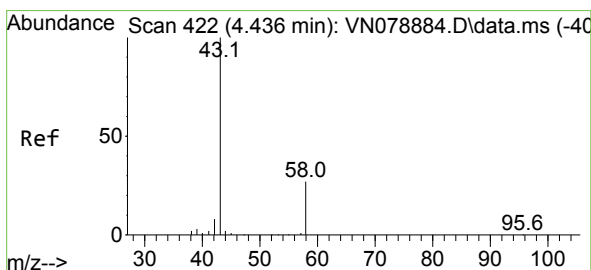
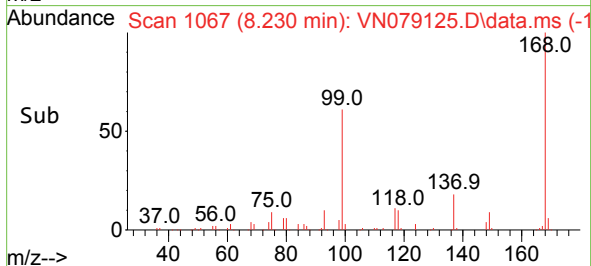
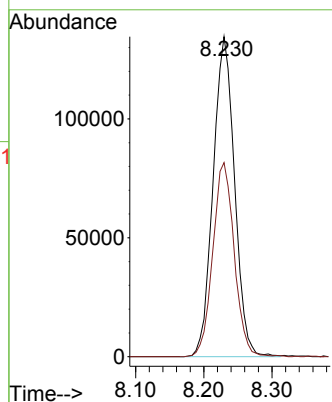
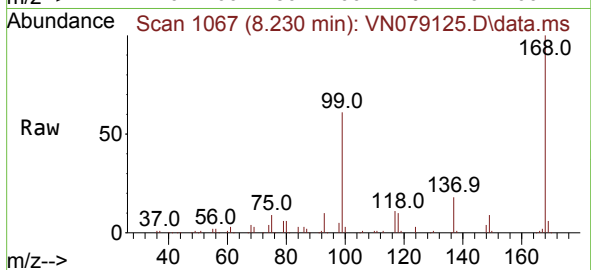
SBG-4

Tgt Ion:168 Resp: 295027

Ion Ratio Lower Upper

168 100

99 60.7 53.0 79.6



#16

Acetone

Concen: 34.026 ug/l

RT: 4.436 min Scan# 422

Delta R.T. -0.006 min

Lab File: VN079125.D

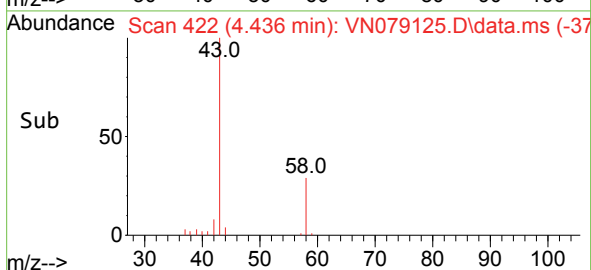
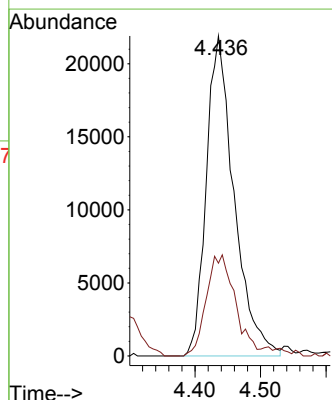
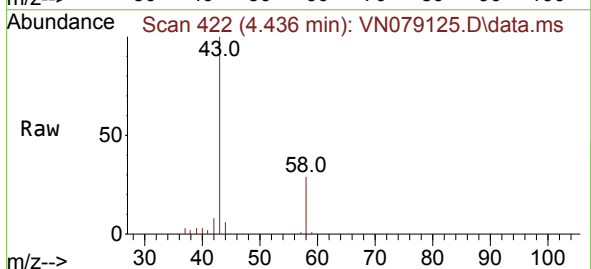
Acq: 01 Sep 2023 16:10

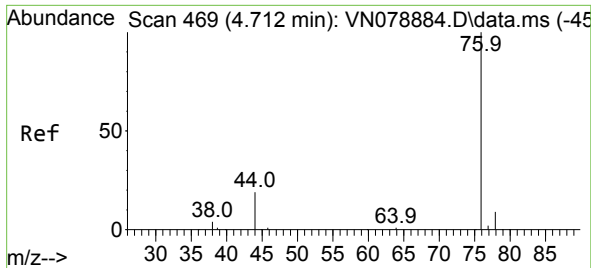
Tgt Ion: 43 Resp: 64454

Ion Ratio Lower Upper

43 100

58 29.0 28.0 42.0

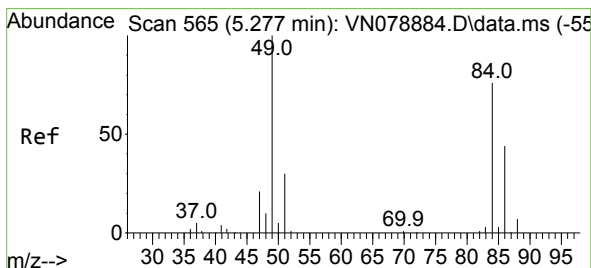
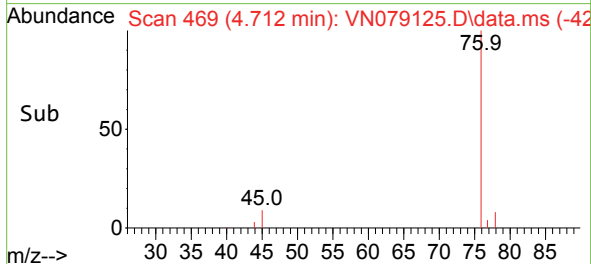
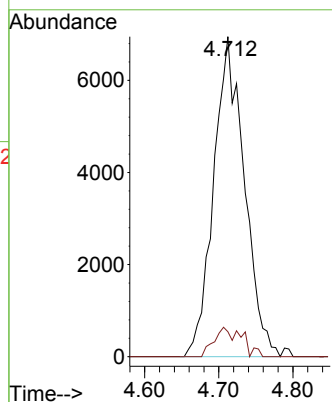
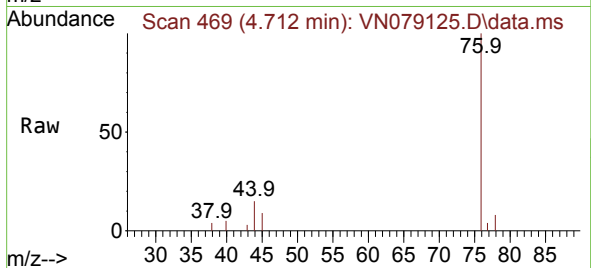




#17
Carbon Disulfide
Concen: 2.254 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079125.D
Acq: 01 Sep 2023 16:10

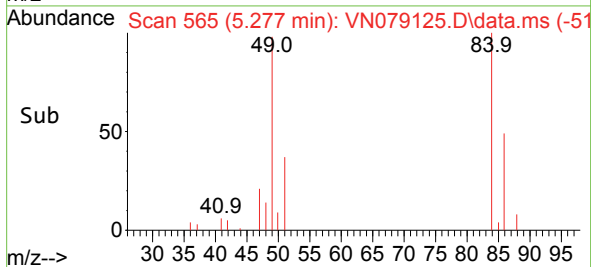
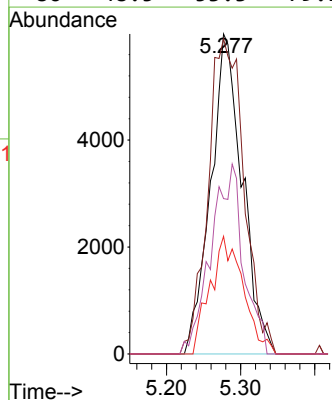
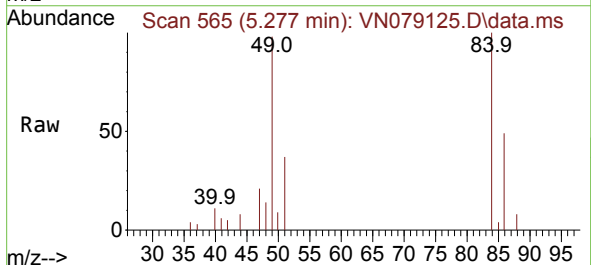
Instrument :
MSVOA_N
ClientSampleId :
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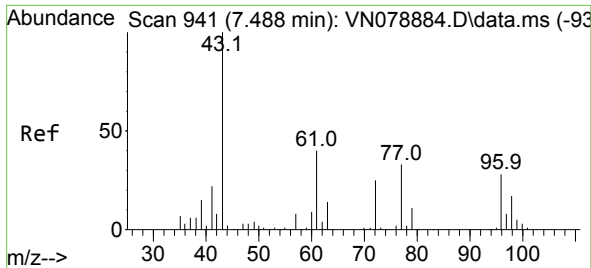
Tgt Ion: 76 Resp: 19980
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0



#20
Methylene Chloride
Concen: 4.401 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079125.D
Acq: 01 Sep 2023 16:10

Tgt Ion: 84 Resp: 17765
Ion Ratio Lower Upper
84 100
49 98.4 79.7 119.5
51 36.7 25.2 37.8
86 48.5 53.3 79.9#

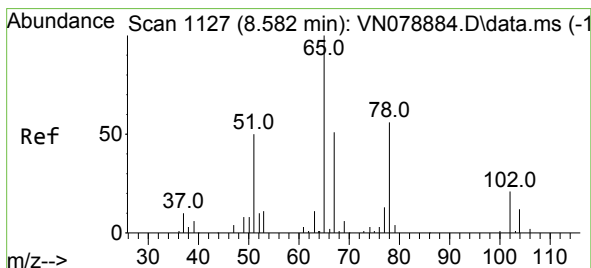
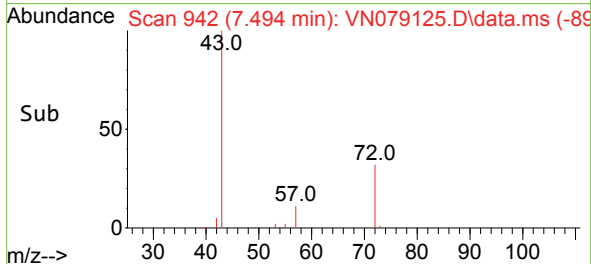
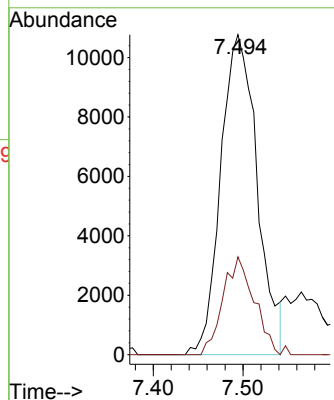
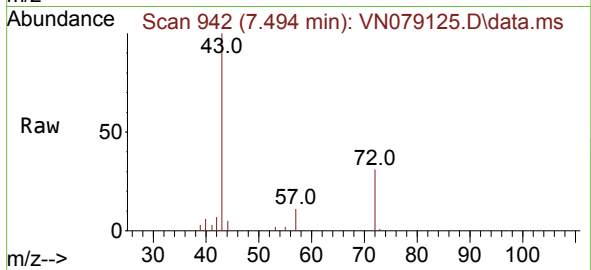




#25
2-Butanone
Concen: 10.007 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079125.D
Acq: 01 Sep 2023 16:10

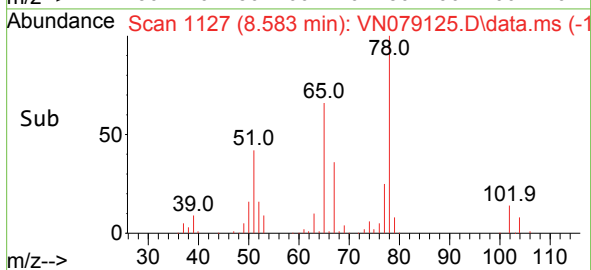
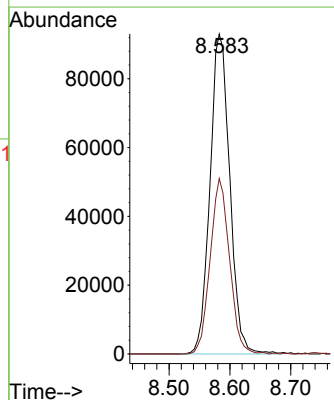
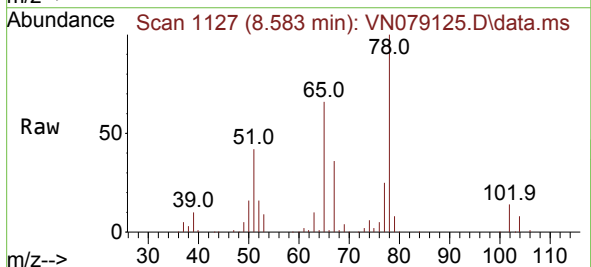
Instrument :
MSVOA_N
ClientSampleId :
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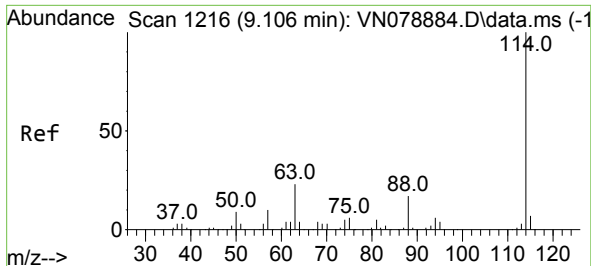
Tgt Ion: 43 Resp: 30391
Ion Ratio Lower Upper
43 100
72 30.5 30.2 45.2



#33
1,2-Dichloroethane-d4
Concen: 45.741 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079125.D
Acq: 01 Sep 2023 16:10

Tgt Ion: 65 Resp: 209991
Ion Ratio Lower Upper
65 100
67 53.6 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: VN079125.D

Acq: 01 Sep 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

SBG-4

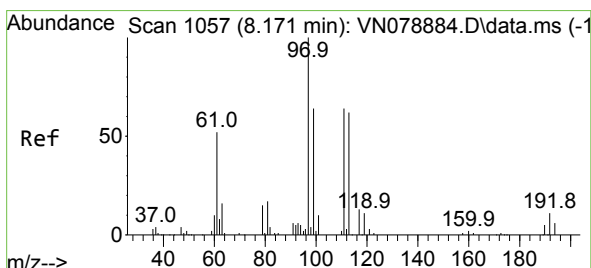
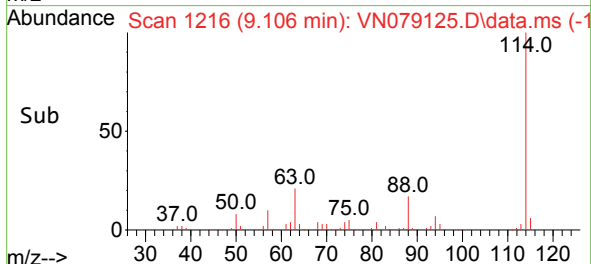
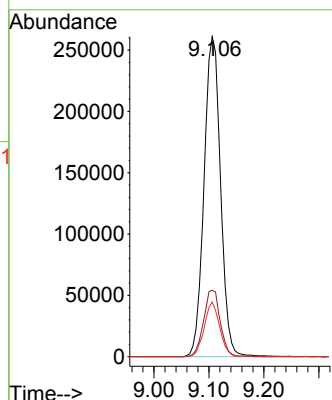
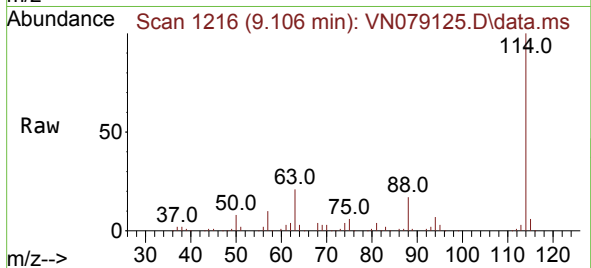
Tgt Ion:114 Resp: 544996

Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 17.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.987 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079125.D

Acq: 01 Sep 2023 16:10

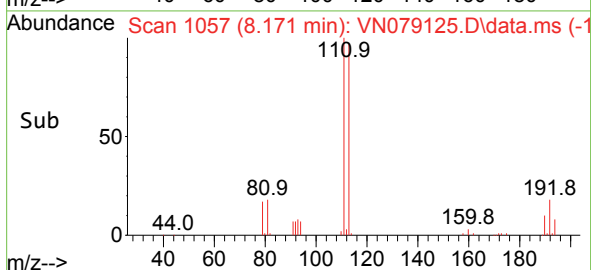
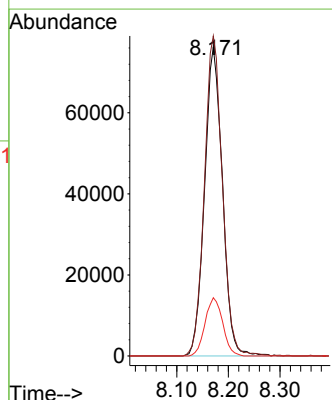
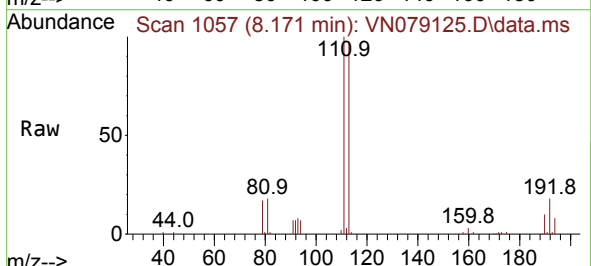
Tgt Ion:113 Resp: 183384

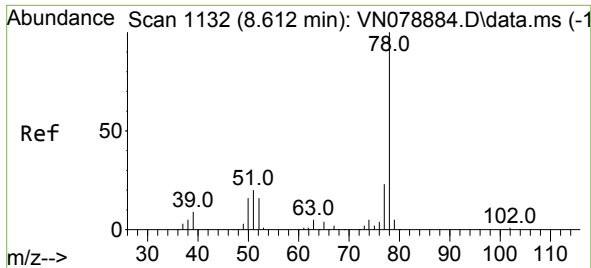
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 18.6 12.7 19.1

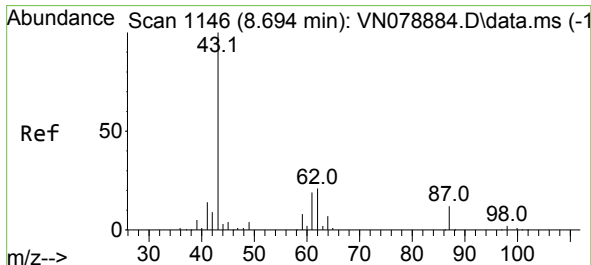
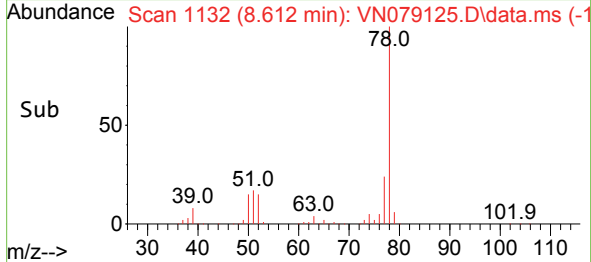
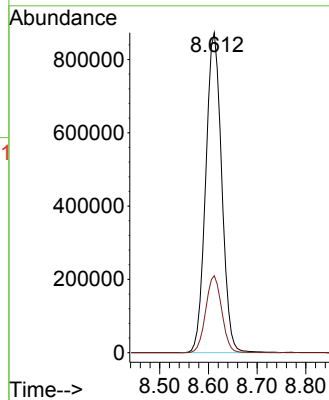
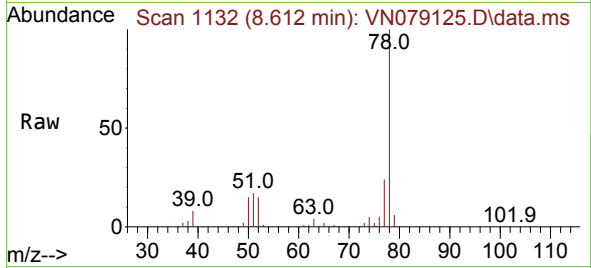




#40
Benzene
Concen: 121.546 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079125.D
Acq: 01 Sep 2023 16:10

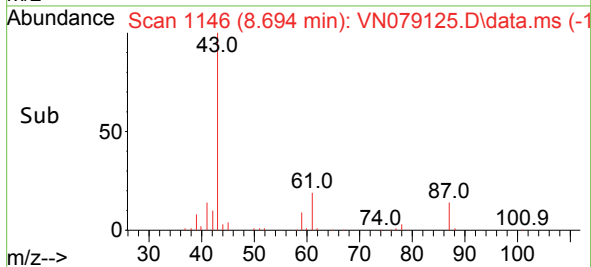
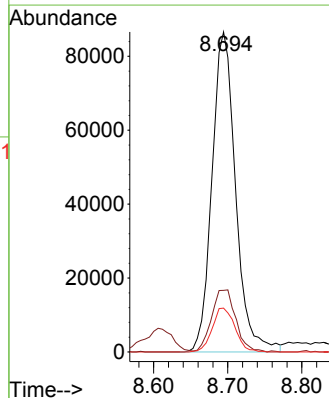
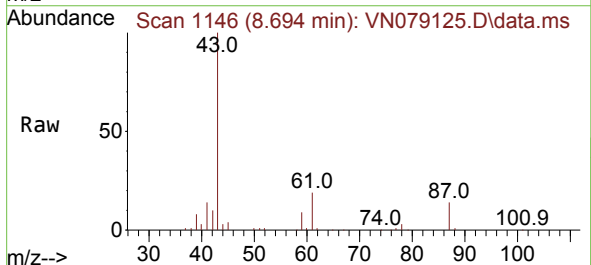
Instrument :
MSVOA_N
ClientSampleId :
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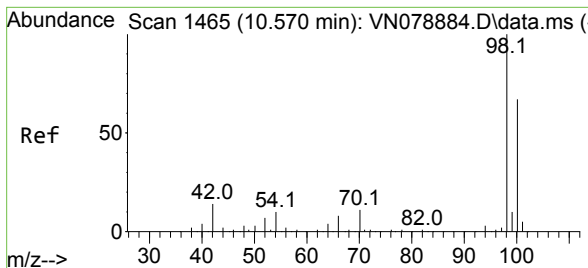
Tgt Ion: 78 Resp: 1982610
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6



#43
Isopropyl Acetate
Concen: 17.574 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079125.D
Acq: 01 Sep 2023 16:10

Tgt Ion: 43 Resp: 191793
Ion Ratio Lower Upper
43 100
61 19.9 24.7 37.1#
87 13.2 14.6 21.8#

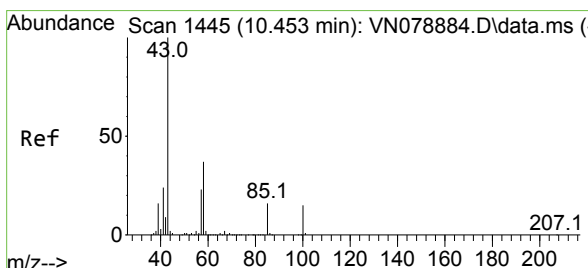
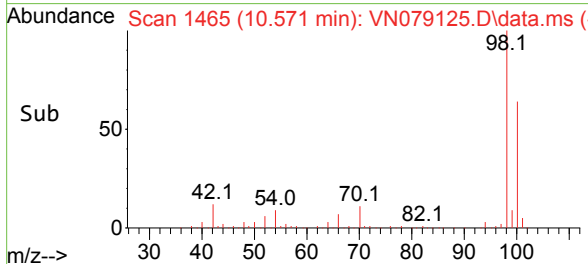
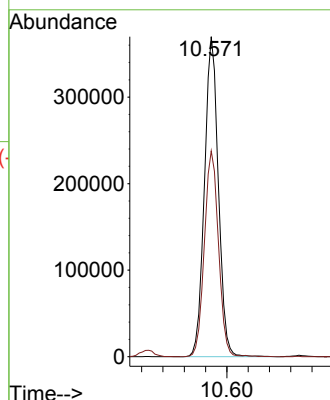
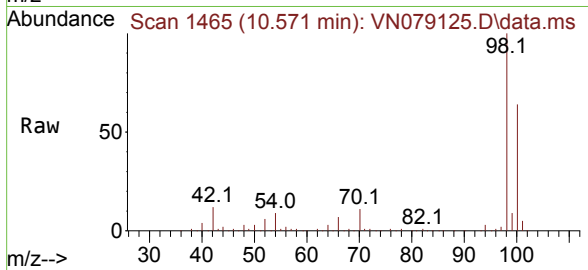




#50
Toluene-d8
Concen: 49.176 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079125.D
Acq: 01 Sep 2023 16:10

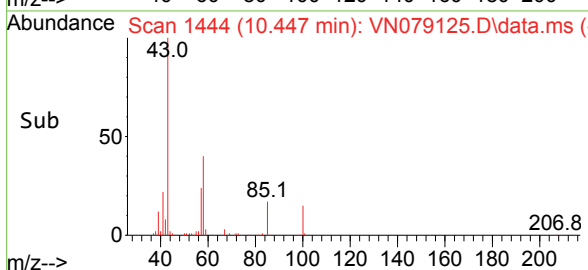
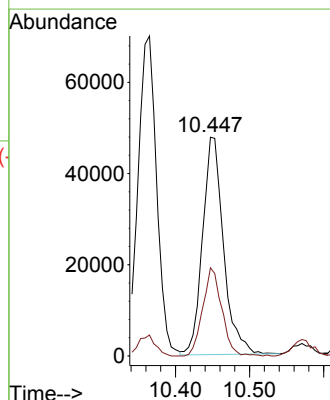
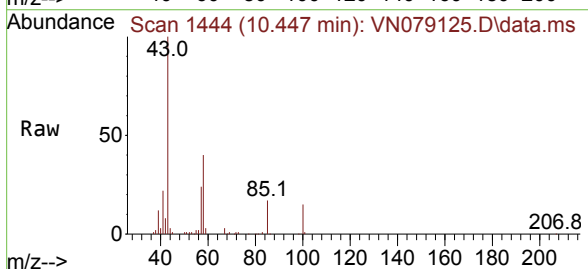
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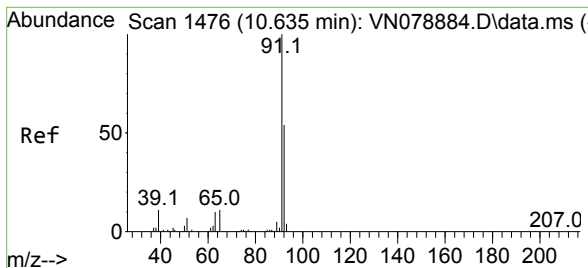
Tgt Ion: 98 Resp: 669871
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 14.495 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079125.D
Acq: 01 Sep 2023 16:10

Tgt Ion: 43 Resp: 93824
Ion Ratio Lower Upper
43 100
58 36.8 36.6 54.8





#52

Toluene

Concen: 101.637 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079125.D

Acq: 01 Sep 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

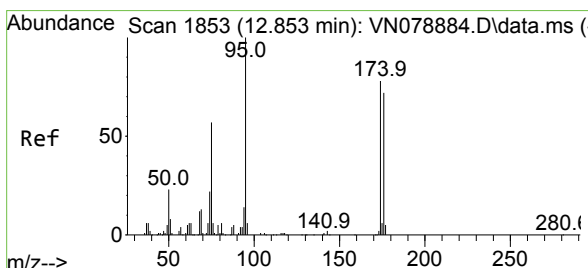
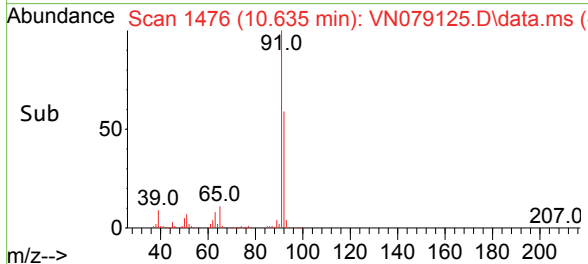
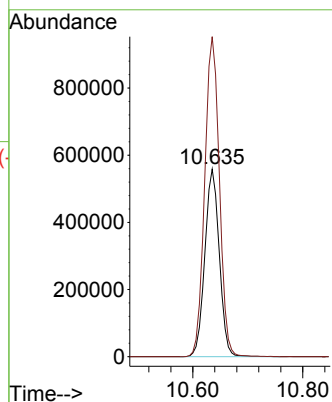
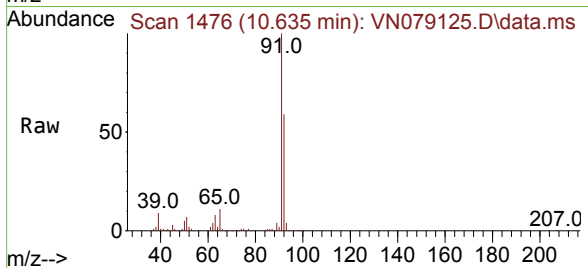
SBG-4

Tgt Ion: 92 Resp: 1017862

Ion Ratio Lower Upper

92 100

91 173.4 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 53.545 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079125.D

Acq: 01 Sep 2023 16:10

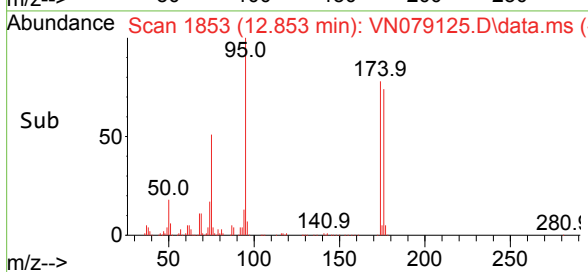
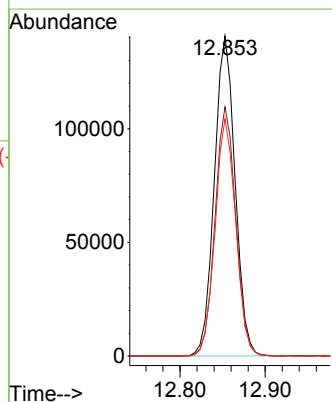
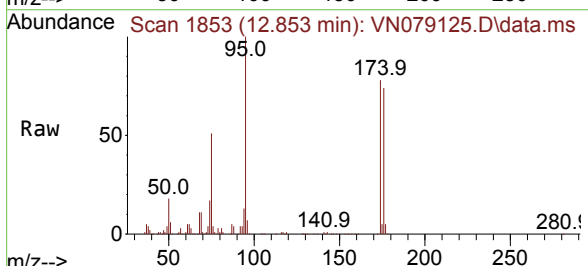
Tgt Ion: 95 Resp: 238409

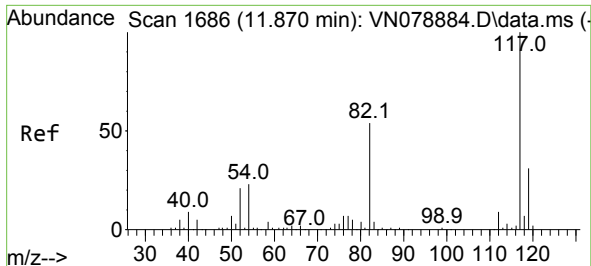
Ion Ratio Lower Upper

95 100

174 77.7 0.0 143.8

176 73.6 0.0 135.8

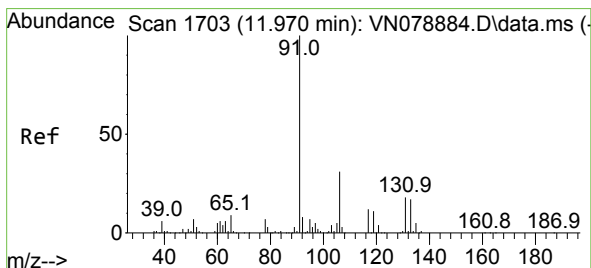
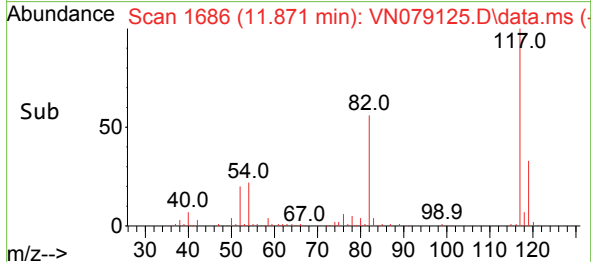
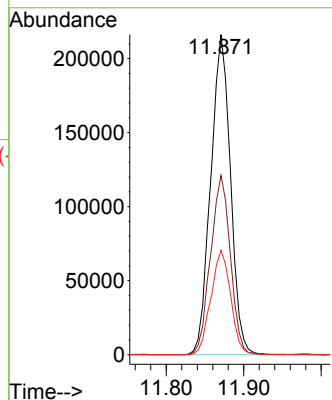
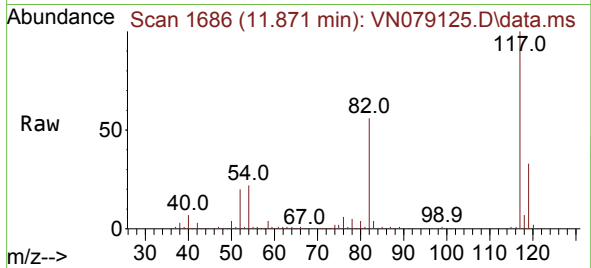




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079125.D
Acq: 01 Sep 2023 16:10

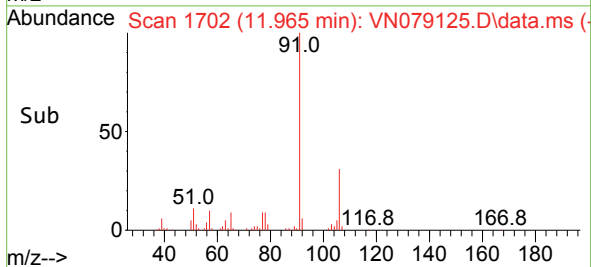
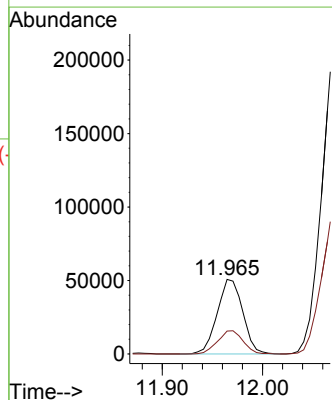
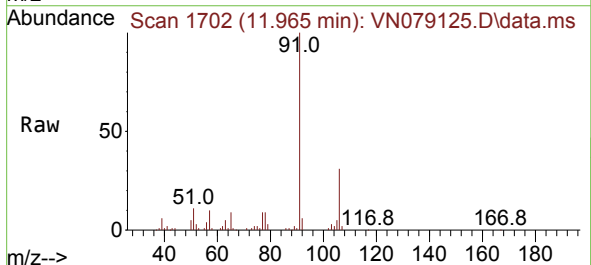
Instrument :
MSVOA_N
ClientSampleId :
SBG-4

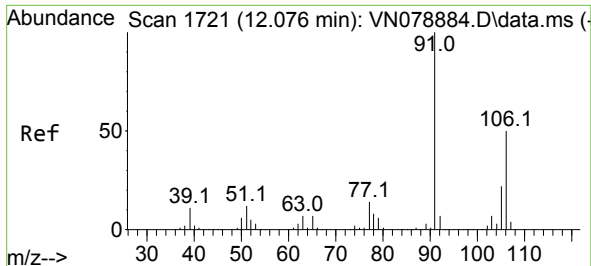
Tgt Ion:117 Resp: 382673
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 32.6 25.6 38.4



#67
Ethyl Benzene
Concen: 6.029 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079125.D
Acq: 01 Sep 2023 16:10

Tgt Ion: 91 Resp: 89309
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4

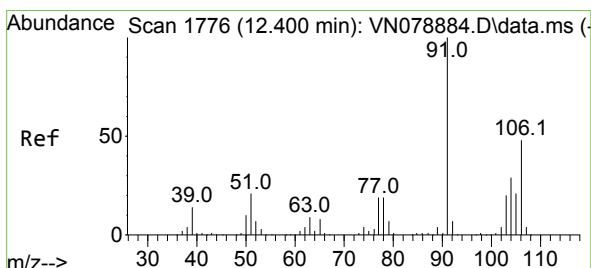
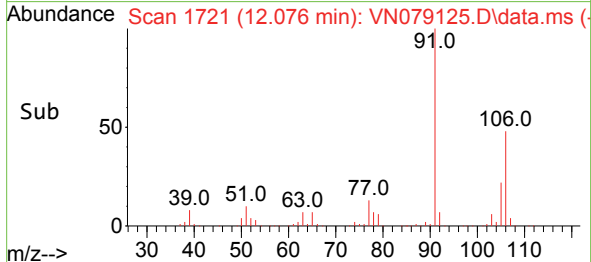
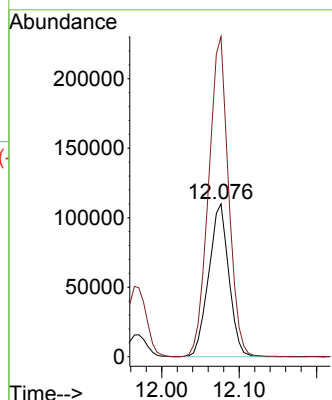
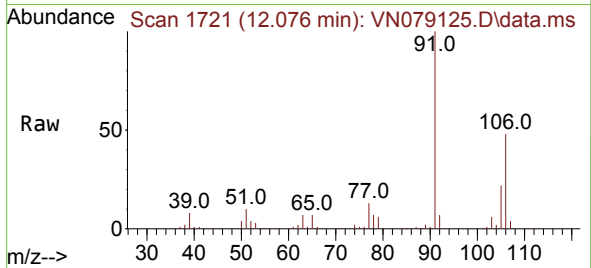




#68
m/p-Xylenes
Concen: 35.807 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079125.D
Acq: 01 Sep 2023 16:10

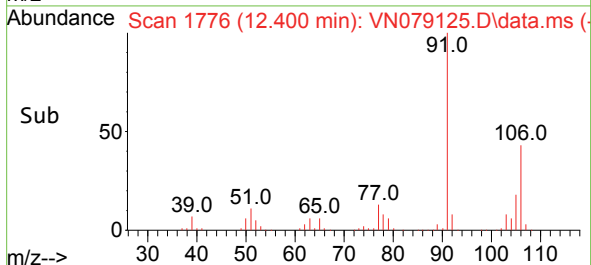
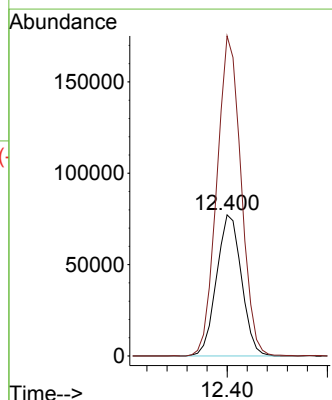
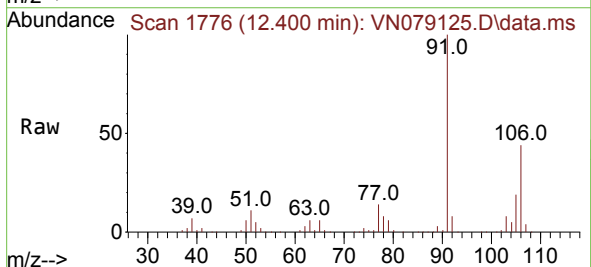
Instrument :
MSVOA_N
ClientSampleId :
SBG-4

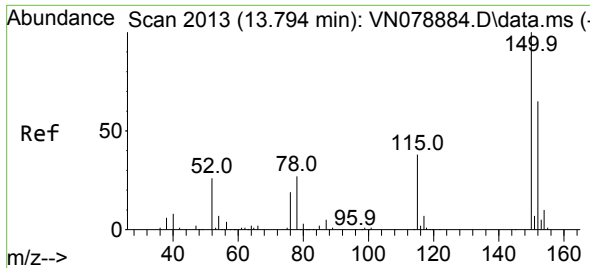
Tgt Ion:106 Resp: 198313
Ion Ratio Lower Upper
106 100
91 208.0 159.6 239.4



#69
o-Xylene
Concen: 24.692 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079125.D
Acq: 01 Sep 2023 16:10

Tgt Ion:106 Resp: 133029
Ion Ratio Lower Upper
106 100
91 220.8 105.2 315.5

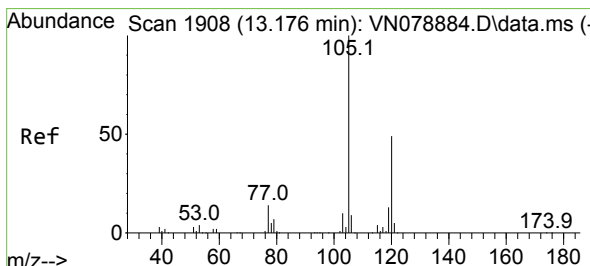
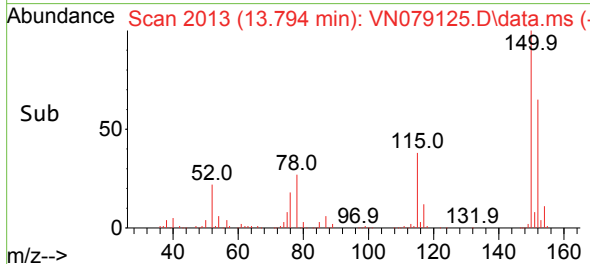
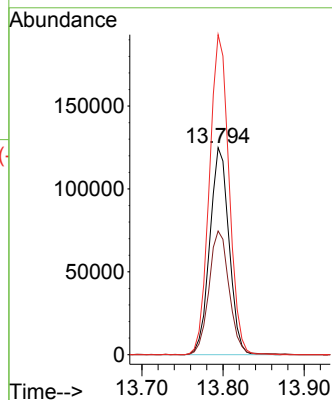
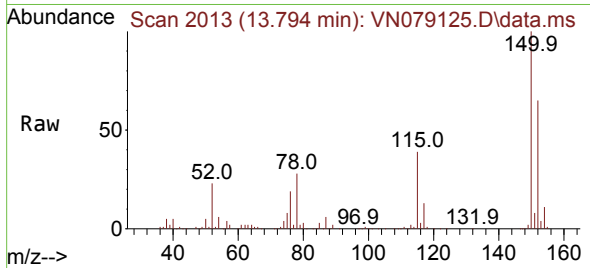




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN079125.D
 Acq: 01 Sep 2023 16:10

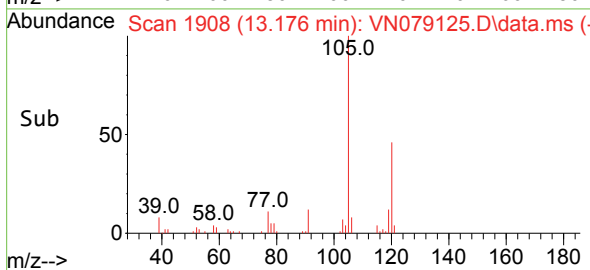
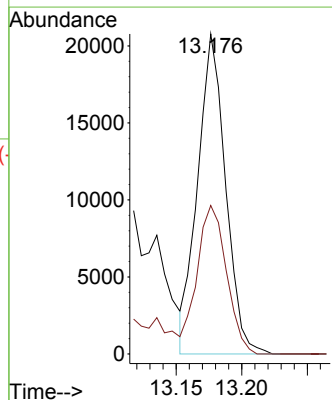
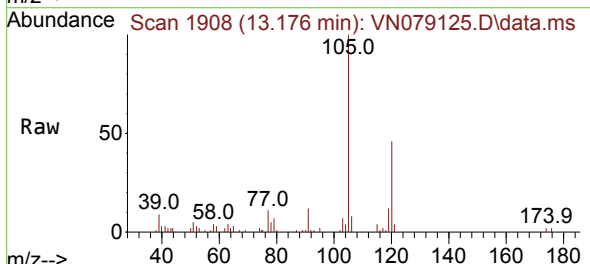
Instrument :
 MSVOA_N
 ClientSampleId :
 SBG-4

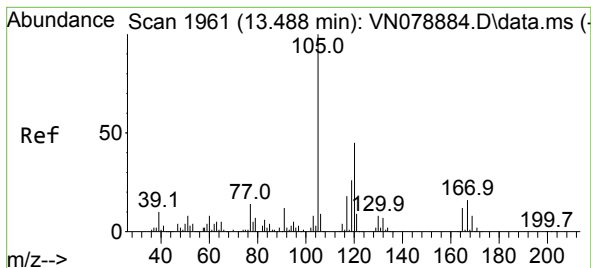
Tgt Ion:152 Resp: 205260
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.3 96.8
 150 157.6 0.0 355.8



#80
 1,3,5-Trimethylbenzene
 Concen: 2.266 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079125.D
 Acq: 01 Sep 2023 16:10

Tgt Ion:105 Resp: 30735
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 6.098 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079125.D

Acq: 01 Sep 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

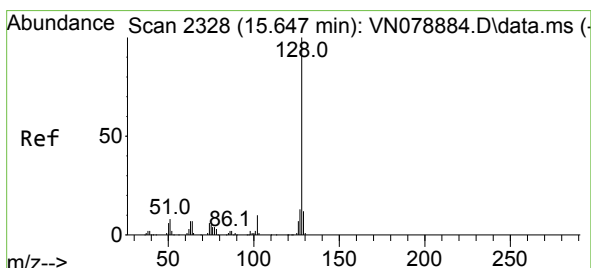
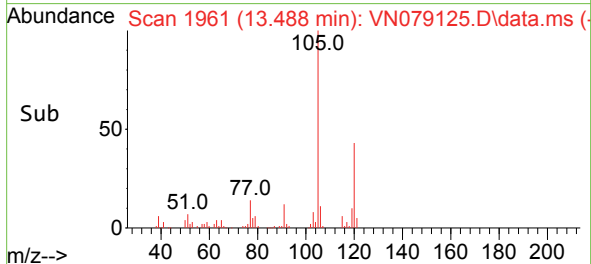
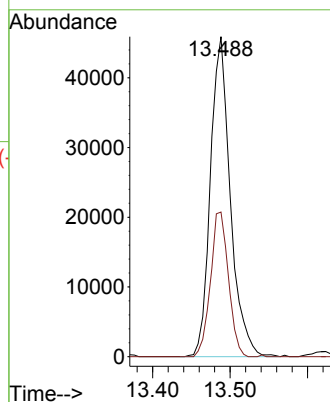
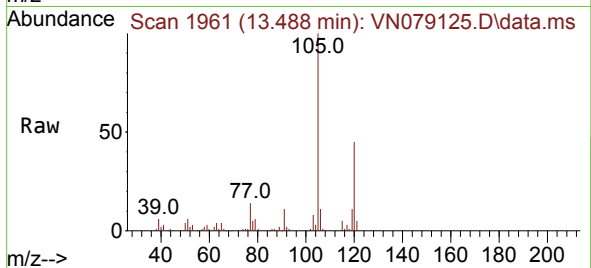
SBG-4

Tgt Ion:105 Resp: 81891

Ion Ratio Lower Upper

105 100

120 40.6 22.0 66.0



#95

Naphthalene

Concen: 37.089 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079125.D

Acq: 01 Sep 2023 16:10

Tgt Ion:128 Resp: 344195

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.9 8.7 13.1

