

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079128.D
 Acq On : 01 Sep 2023 17:23
 Operator : JC\MD
 Sample : 04232-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SBG-7

Quant Time: Sep 01 23:16:48 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)

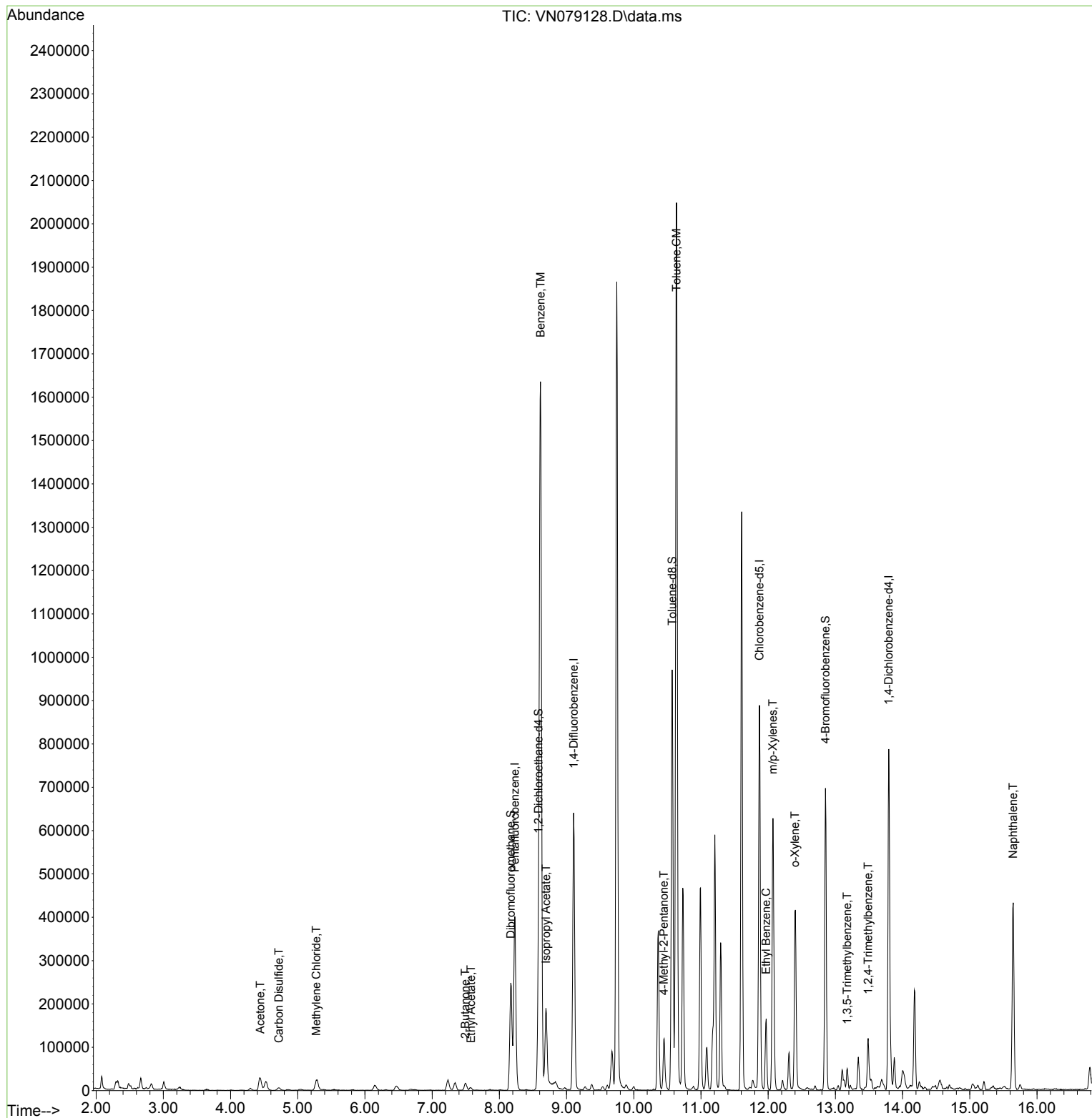
Internal Standards						
1) Pentafluorobenzene	8.230	168	295226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	548385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	526206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	211570	46.054	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.100%
35) Dibromofluoromethane	8.171	113	184851	50.076	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.160%
50) Toluene-d8	10.571	98	664407	48.473	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.853	95	245237	54.739	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.480%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	58100	30.651	ug/l	89
17) Carbon Disulfide	4.718	76	12769	1.439	ug/l	97
20) Methylene Chloride	5.277	84	19536	4.836	ug/l #	93
25) 2-Butanone	7.494	43	27685	9.110	ug/l	88
37) Ethyl Acetate	7.577	43	9679	1.558	ug/l #	83
40) Benzene	8.612	78	1686168	102.734	ug/l	100
43) Isopropyl Acetate	8.694	43	225452	20.531	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	89189	13.694	ug/l	88
52) Toluene	10.635	92	919742	91.272	ug/l	99
67) Ethyl Benzene	11.970	91	107525	5.279	ug/l	94
68) m/p-Xylenes	12.070	106	197519	25.936	ug/l	94
69) o-Xylene	12.400	106	114347	15.435	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	26352	1.867	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	72931	5.217	ug/l	93
95) Naphthalene	15.647	128	402859	41.383	ug/l	99

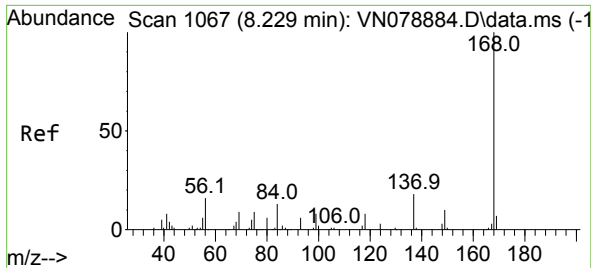
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN079123\
Data File : VN079128.D
Acq On : 01 Sep 2023 17:23
Operator : JC\MD
Sample : 04232-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SBG-7

Quant Time: Sep 01 23:16:48 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

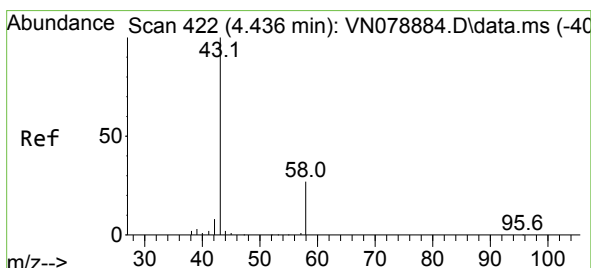
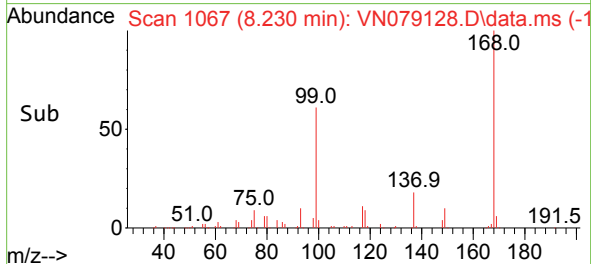
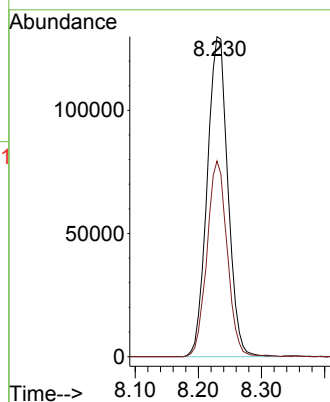
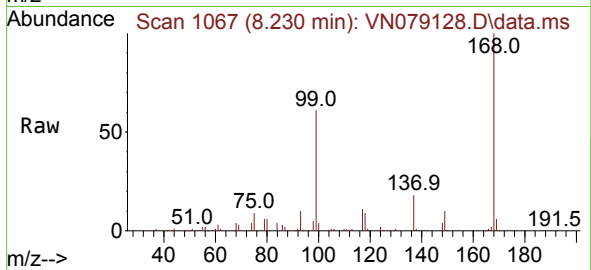




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

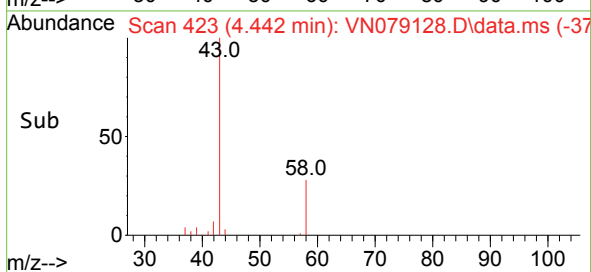
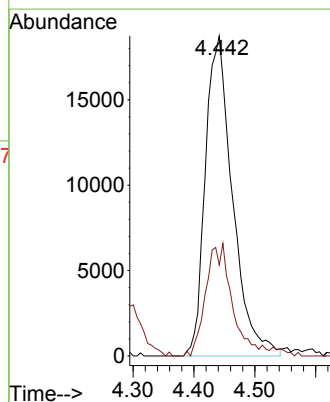
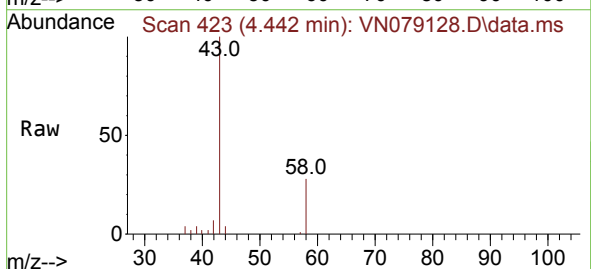
Instrument :
MSVOA_N
ClientSampleId :
SBG-7

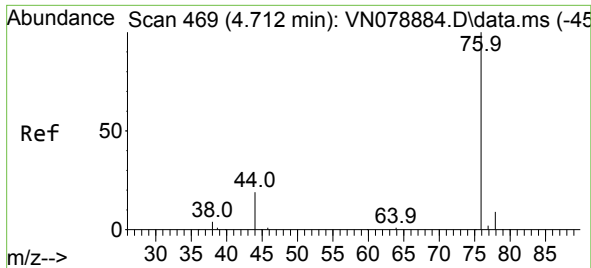
Tgt Ion:168 Resp: 295226
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#16
Acetone
Concen: 30.651 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

Tgt Ion: 43 Resp: 58100
Ion Ratio Lower Upper
43 100
58 28.5 28.0 42.0

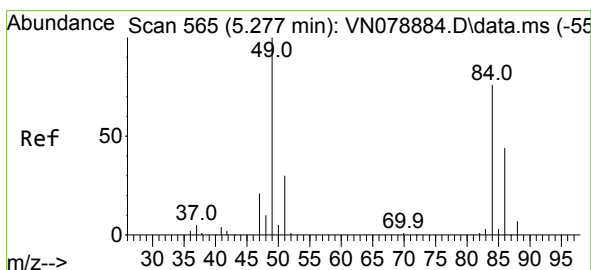
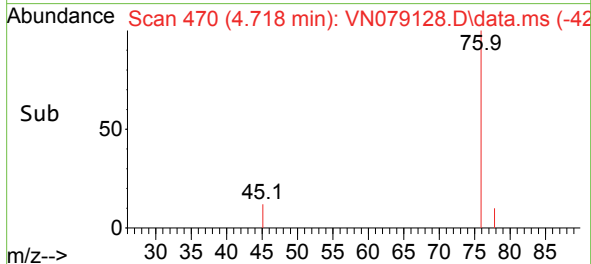
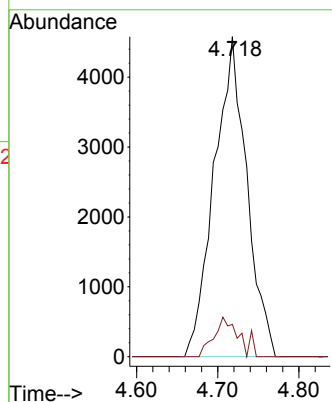
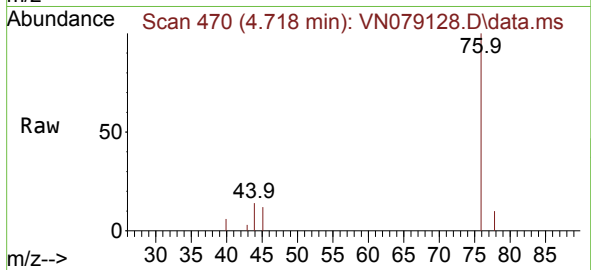




#17
Carbon Disulfide
Concen: 1.439 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

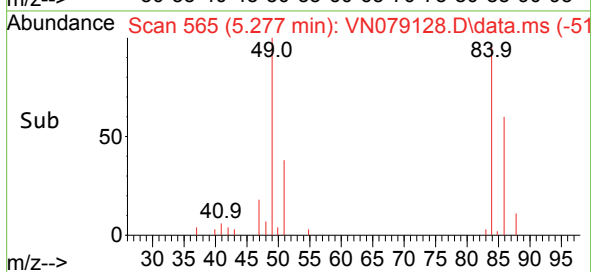
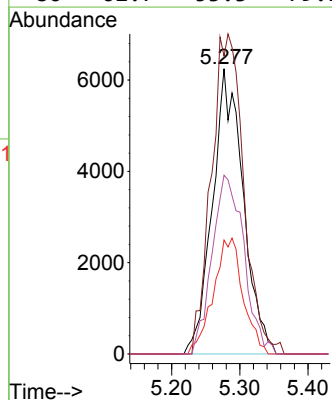
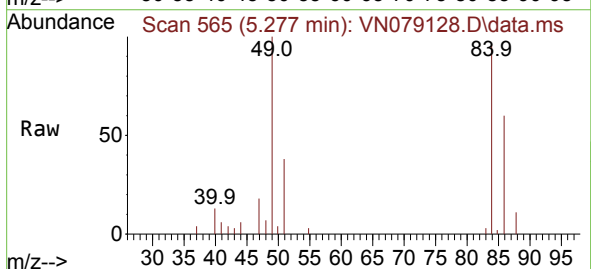
Instrument :
MSVOA_N
ClientSampleId :
SBG-7

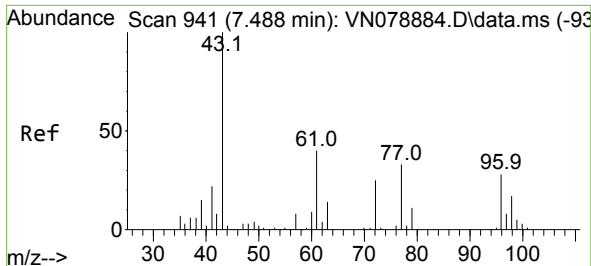
Tgt Ion: 76 Resp: 12769
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#20
Methylene Chloride
Concen: 4.836 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

Tgt Ion: 84 Resp: 19536
Ion Ratio Lower Upper
84 100
49 104.5 79.7 119.5
51 39.9 25.2 37.8#
86 62.7 53.3 79.9

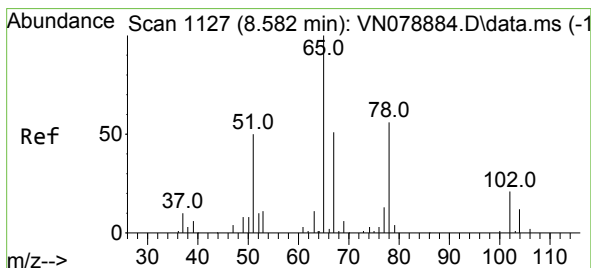
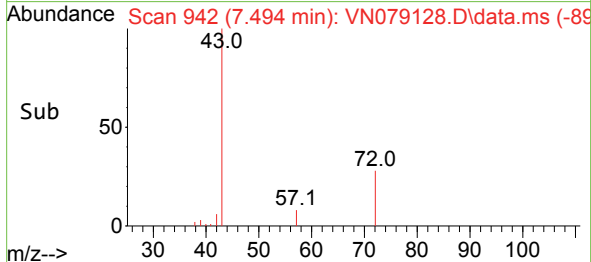
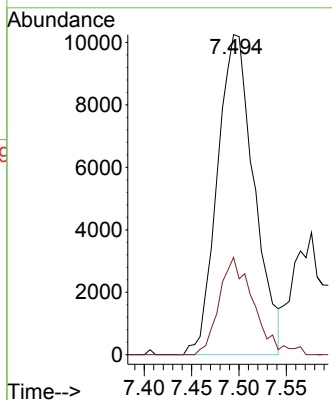
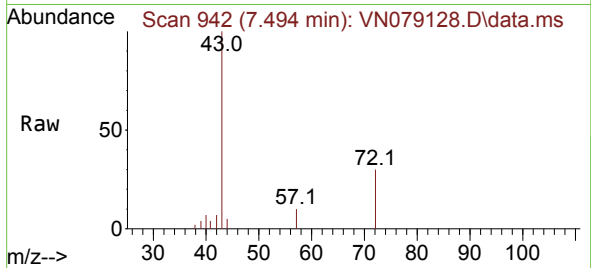




#25
2-Butanone
Concen: 9.110 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

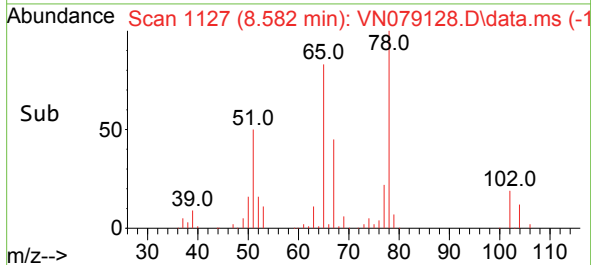
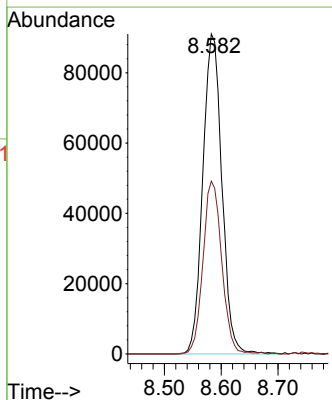
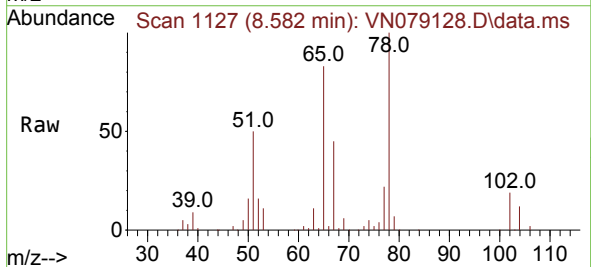
Instrument :
MSVOA_N
ClientSampleId :
SBG-7

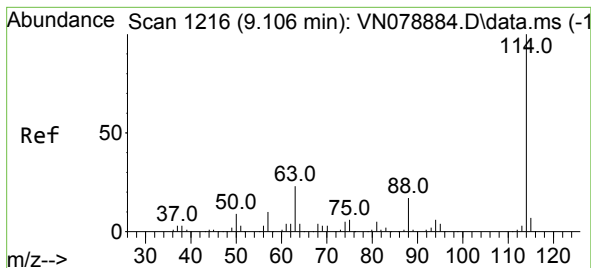
Tgt Ion: 43 Resp: 27685
Ion Ratio Lower Upper
43 100
72 30.4 30.2 45.2



#33
1,2-Dichloroethane-d4
Concen: 46.054 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

Tgt Ion: 65 Resp: 211570
Ion Ratio Lower Upper
65 100
67 53.1 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: VN079128.D

Acq: 01 Sep 2023 17:23

Instrument :

MSVOA_N

ClientSampleId :

SBG-7

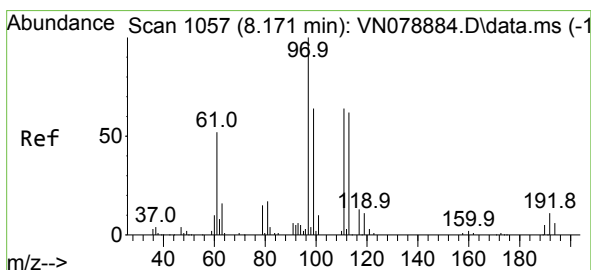
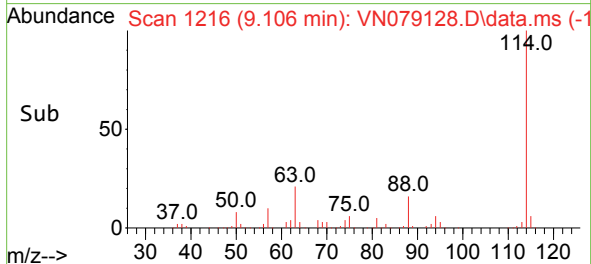
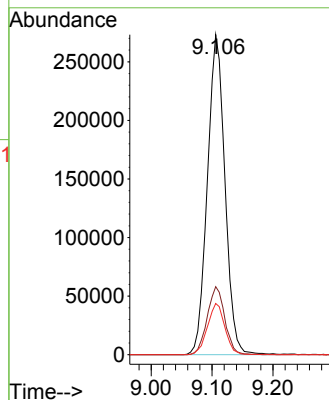
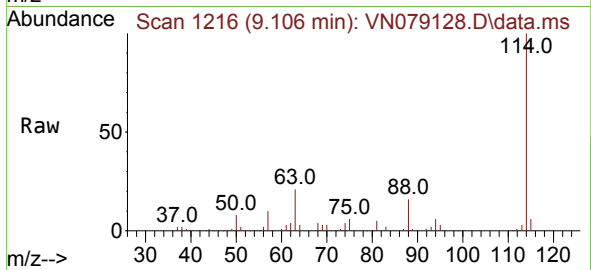
Tgt Ion:114 Resp: 548385

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.076 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

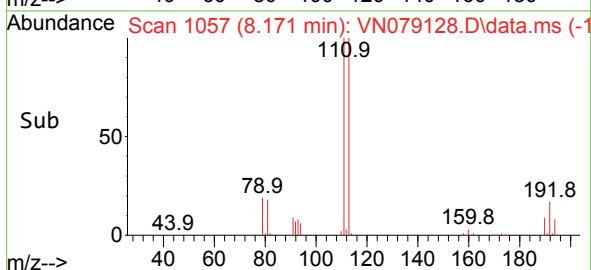
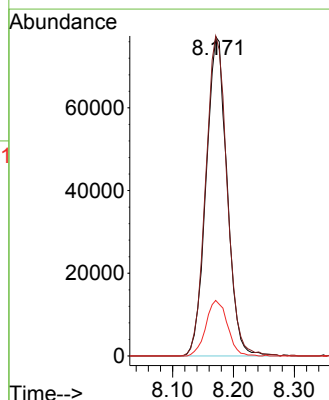
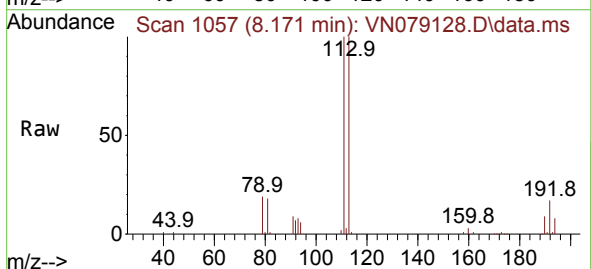
Tgt Ion:113 Resp: 184851

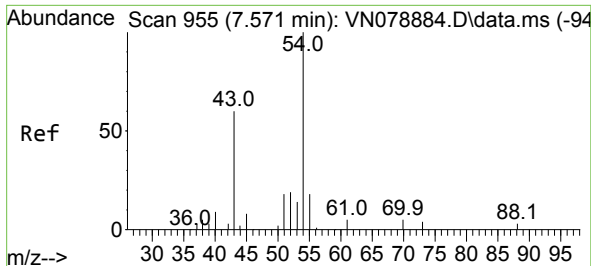
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 17.9 12.7 19.1





#37

Ethyl Acetate

Concen: 1.558 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

Instrument :

MSVOA_N

ClientSampleId :

SBG-7

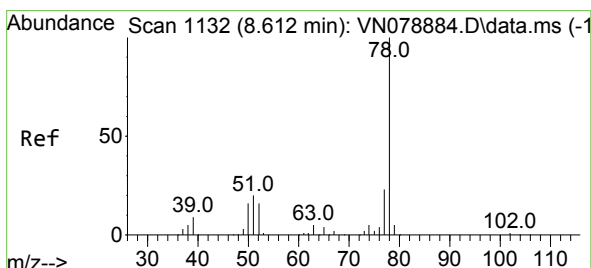
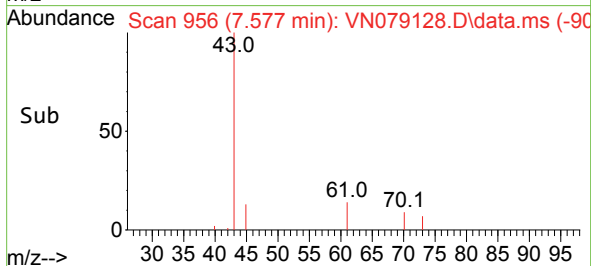
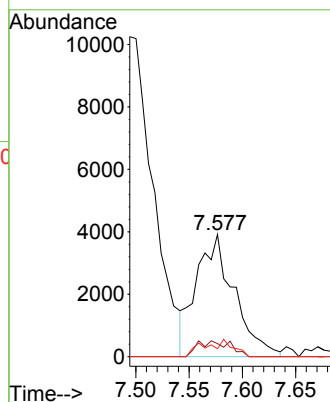
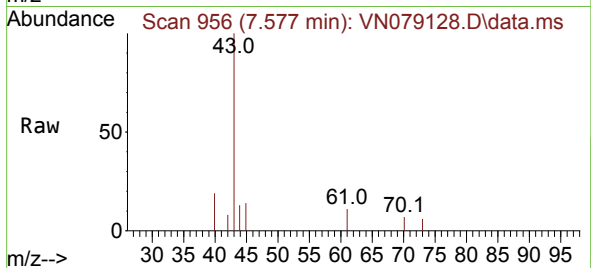
Tgt Ion: 43 Resp: 9679

Ion Ratio Lower Upper

43 100

61 11.2 13.2 19.8#

70 4.9 11.3 16.9#



#40

Benzene

Concen: 102.734 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079128.D

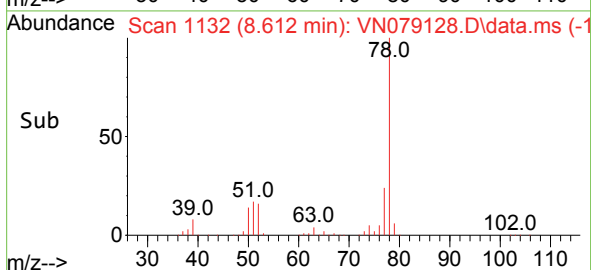
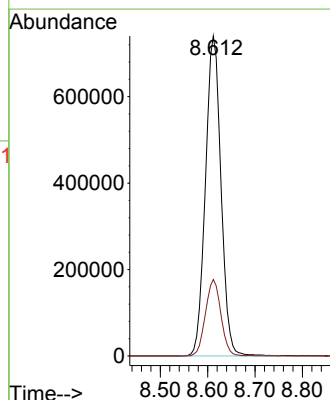
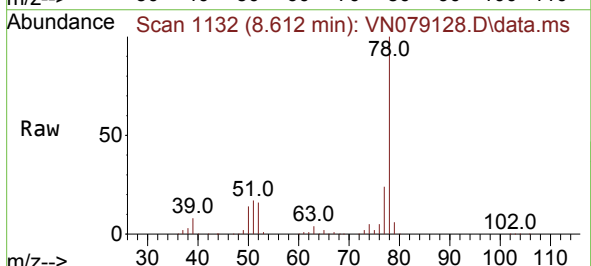
Acq: 01 Sep 2023 17:23

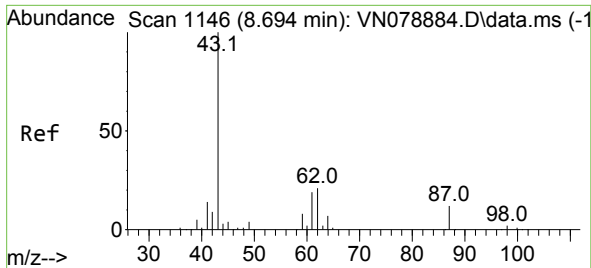
Tgt Ion: 78 Resp: 1686168

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

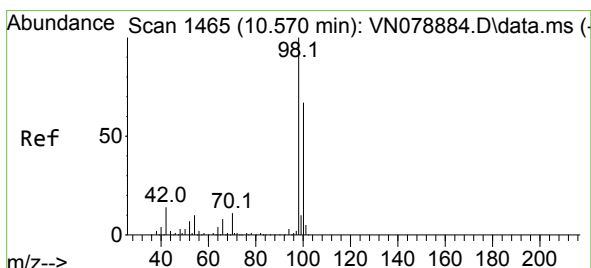
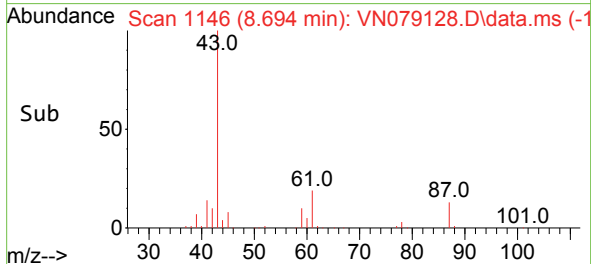
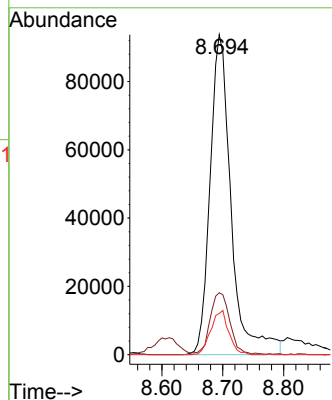
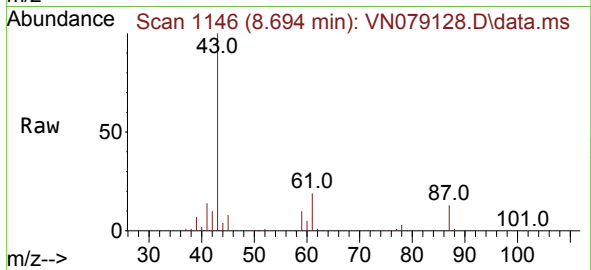




#43
Isopropyl Acetate
Concen: 20.531 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

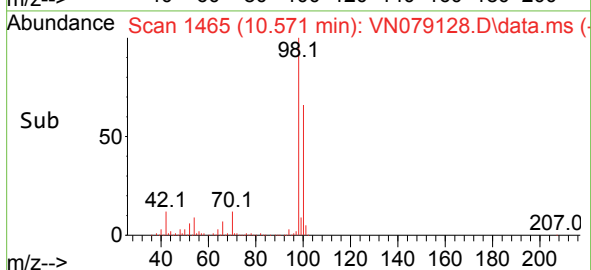
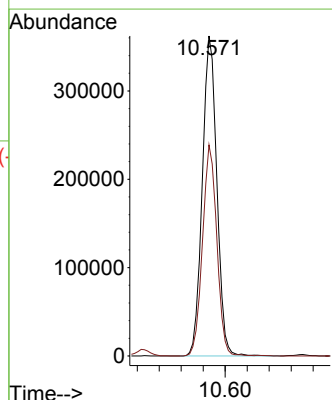
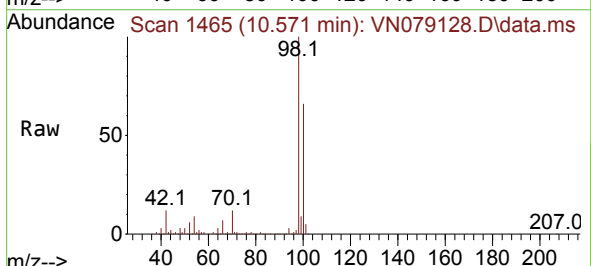
Instrument :
MSVOA_N
ClientSampleId :
SBG-7

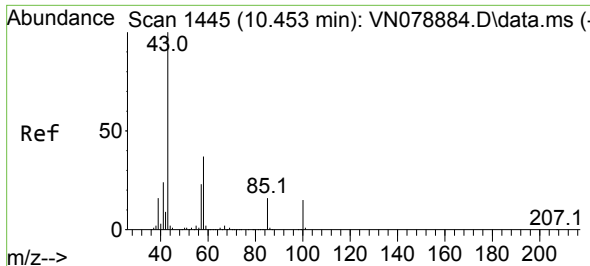
Tgt Ion: 43 Resp: 225452
Ion Ratio Lower Upper
43 100
61 17.8 24.7 37.1#
87 11.7 14.6 21.8#



#50
Toluene-d8
Concen: 48.473 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

Tgt Ion: 98 Resp: 664407
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

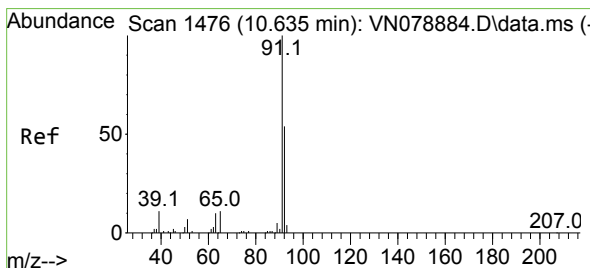
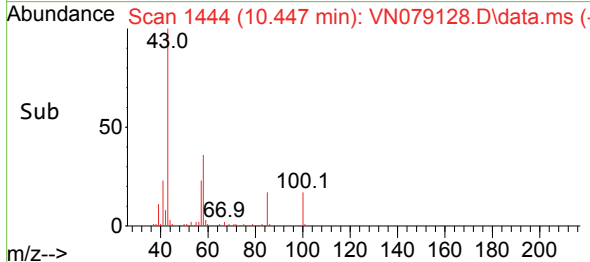
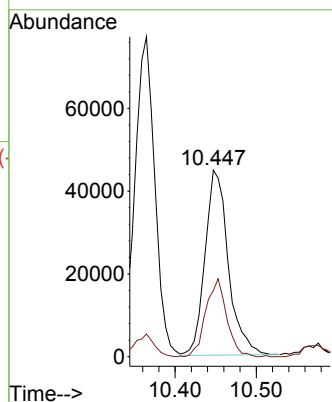
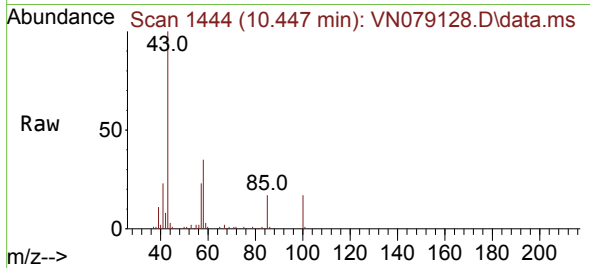




#51
4-Methyl-2-Pentanone
Concen: 13.694 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

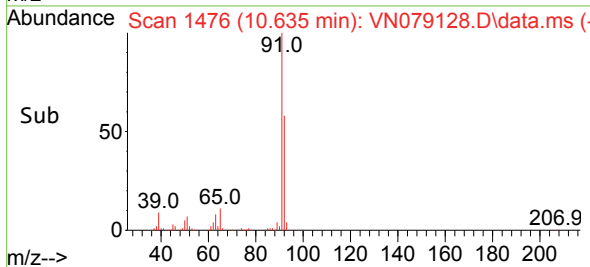
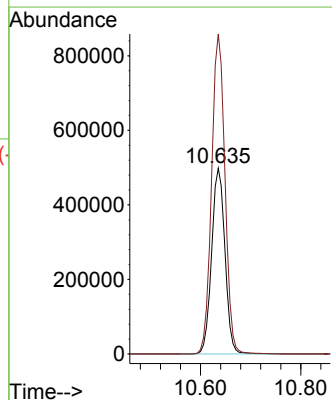
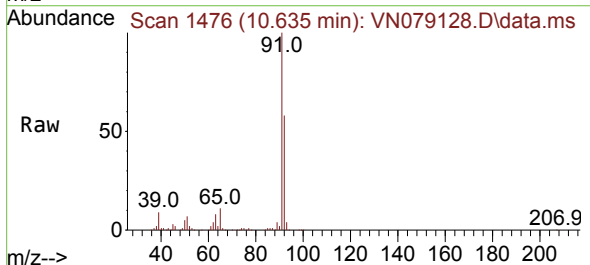
Instrument :
MSVOA_N
ClientSampleId :
SBG-7

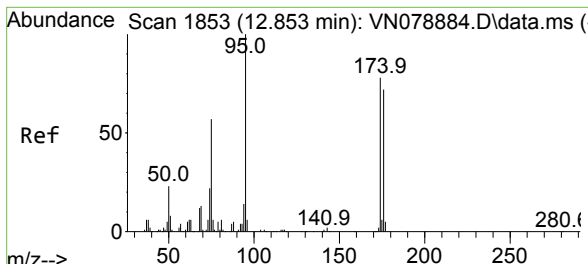
Tgt Ion: 43 Resp: 89189
Ion Ratio Lower Upper
43 100
58 37.6 36.6 54.8



#52
Toluene
Concen: 91.272 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

Tgt Ion: 92 Resp: 919742
Ion Ratio Lower Upper
92 100
91 173.1 137.4 206.0

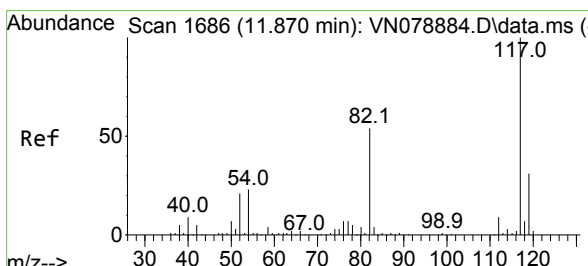
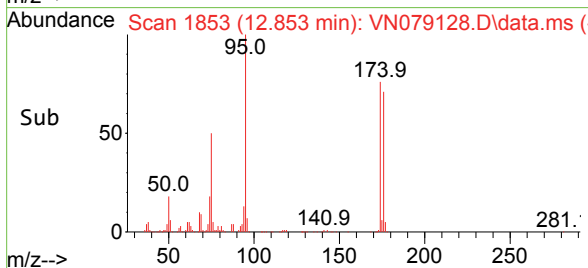
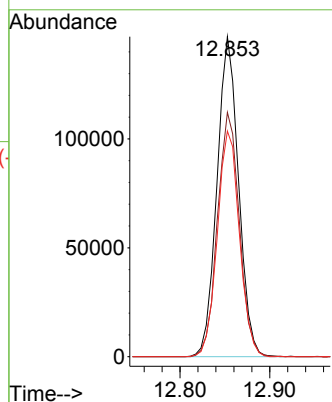
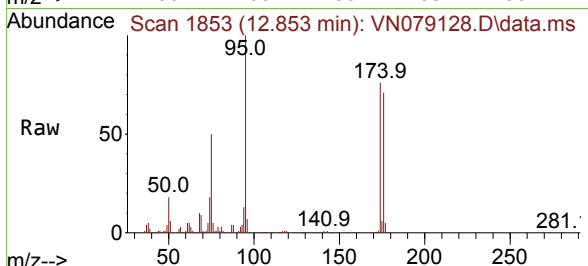




#62
4-Bromofluorobenzene
Concen: 54.739 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

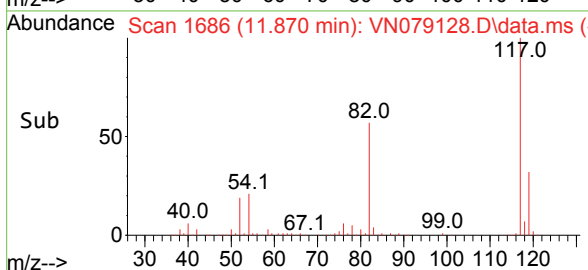
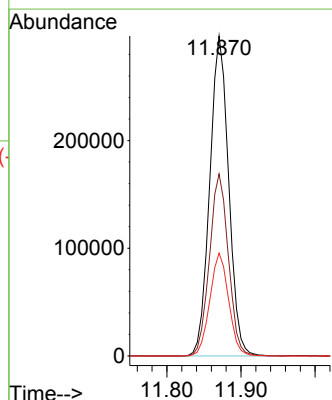
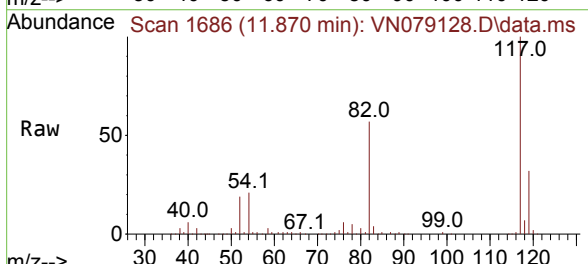
Instrument :
MSVOA_N
ClientSampleId :
SBG-7

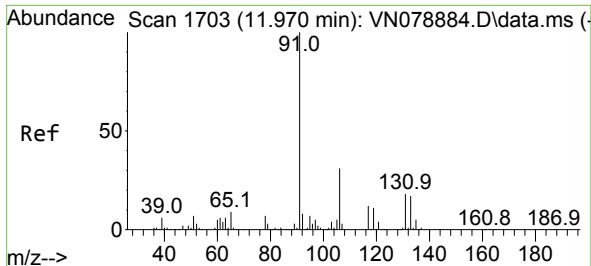
Tgt Ion: 95 Resp: 245237
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 72.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

Tgt Ion: 117 Resp: 526206
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 32.1 25.6 38.4





#67

Ethyl Benzene

Concen: 5.279 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. -0.001 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

Instrument :

MSVOA_N

ClientSampleId :

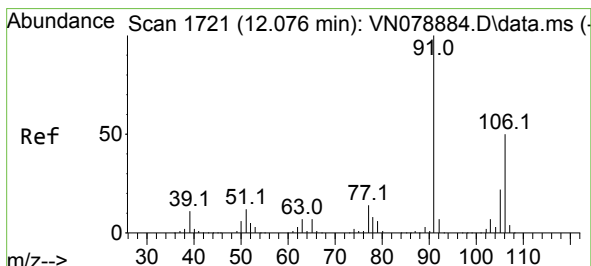
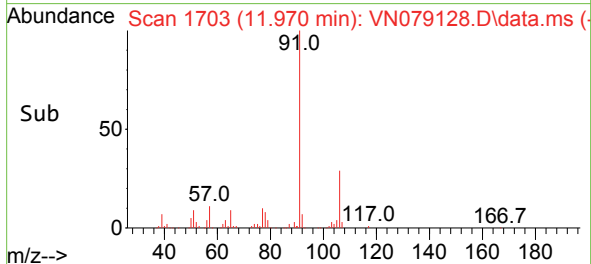
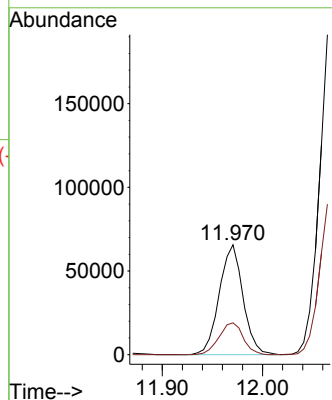
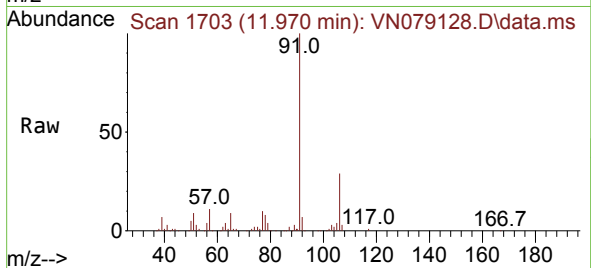
SBG-7

Tgt Ion: 91 Resp: 107525

Ion Ratio Lower Upper

91 100

106 28.9 25.6 38.4



#68

m/p-Xylenes

Concen: 25.936 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.006 min

Lab File: VN079128.D

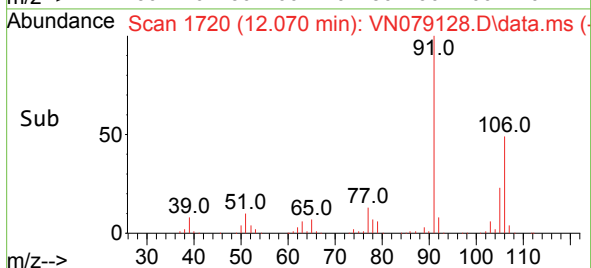
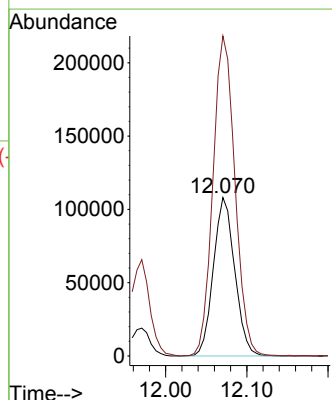
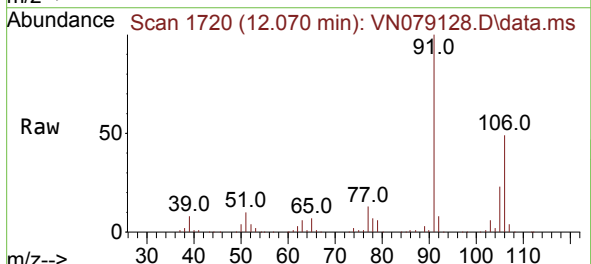
Acq: 01 Sep 2023 17:23

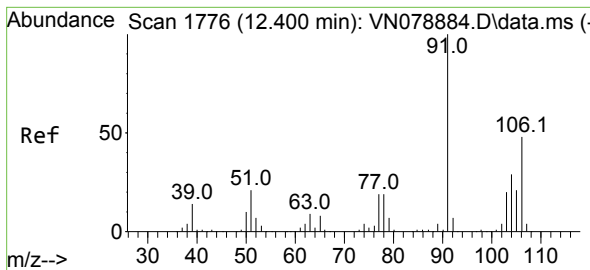
Tgt Ion: 106 Resp: 197519

Ion Ratio Lower Upper

106 100

91 208.6 159.6 239.4





#69

o-Xylene

Concen: 15.435 ug/l

RT: 12.400 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

Instrument :

MSVOA_N

ClientSampleId :

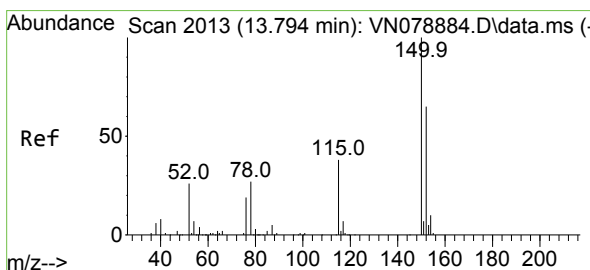
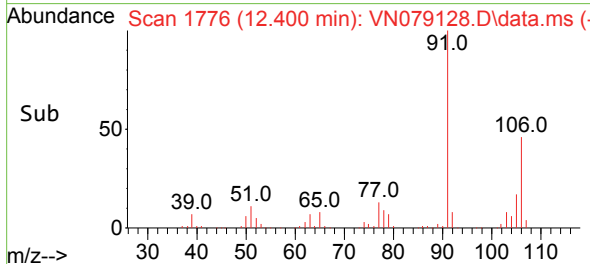
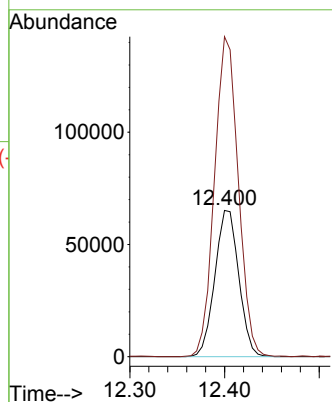
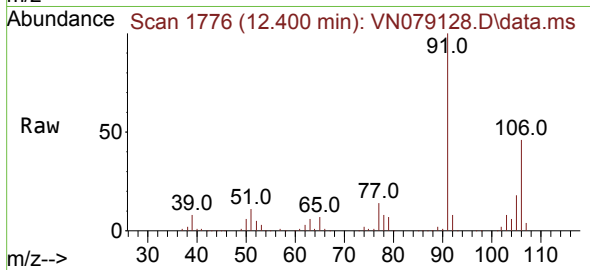
SBG-7

Tgt Ion:106 Resp: 114347

Ion Ratio Lower Upper

106 100

91 218.0 105.2 315.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

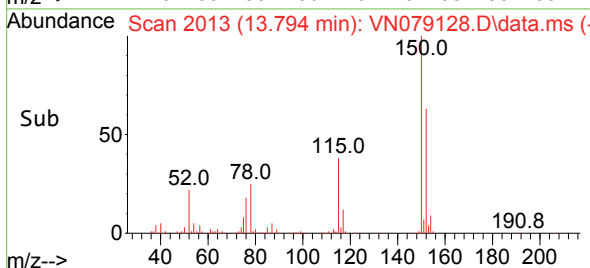
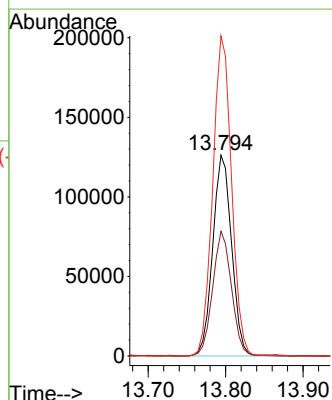
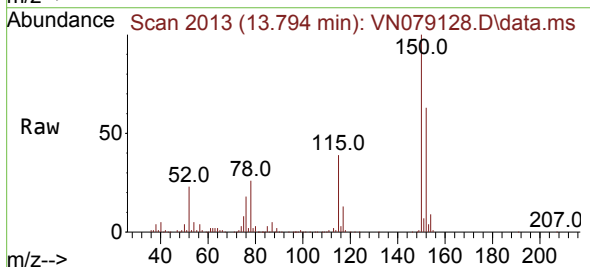
Tgt Ion:152 Resp: 213661

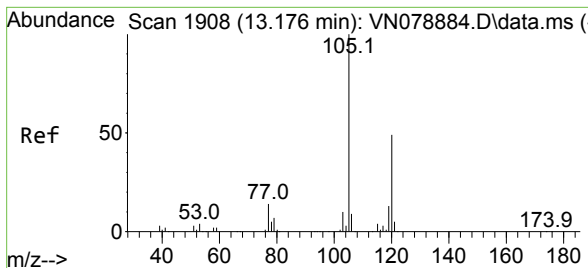
Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 158.6 0.0 355.8





#80

1,3,5-Trimethylbenzene

Concen: 1.867 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079128.D

Acq: 01 Sep 2023 17:23

Instrument :

MSVOA_N

ClientSampleId :

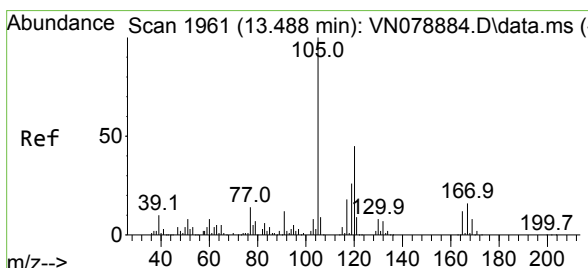
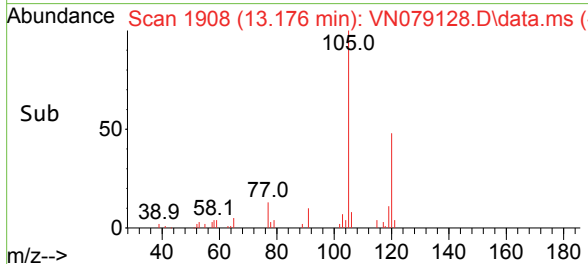
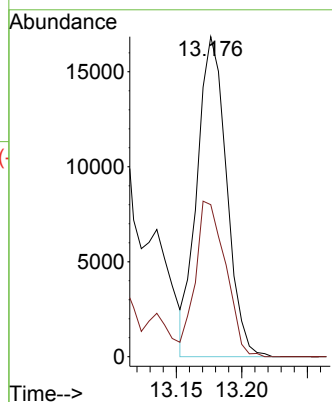
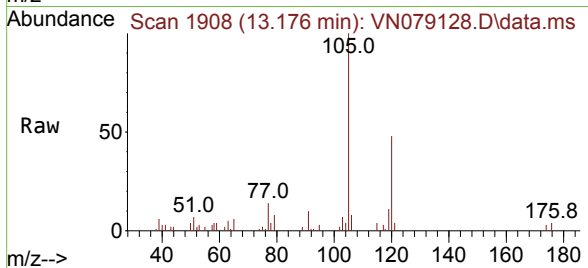
SBG-7

Tgt Ion:105 Resp: 26352

Ion Ratio Lower Upper

105 100

120 49.7 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 5.217 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079128.D

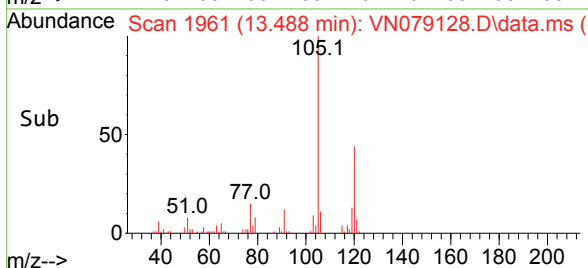
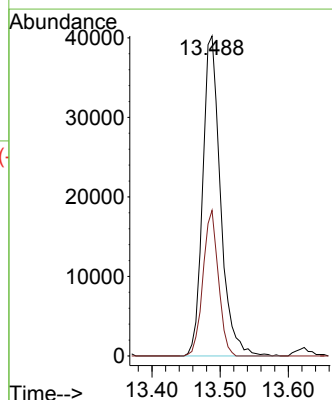
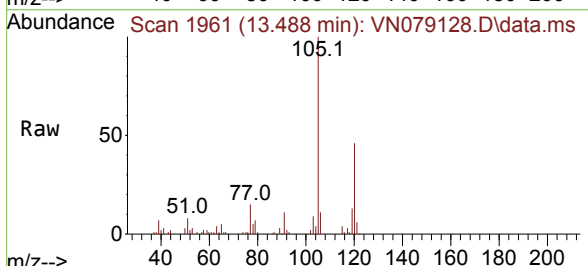
Acq: 01 Sep 2023 17:23

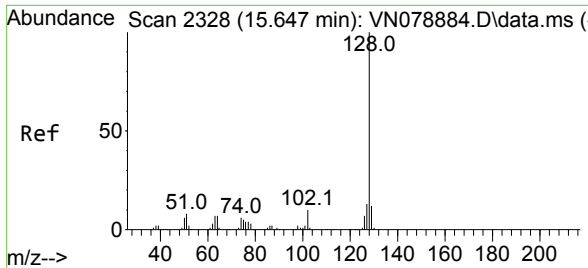
Tgt Ion:105 Resp: 72931

Ion Ratio Lower Upper

105 100

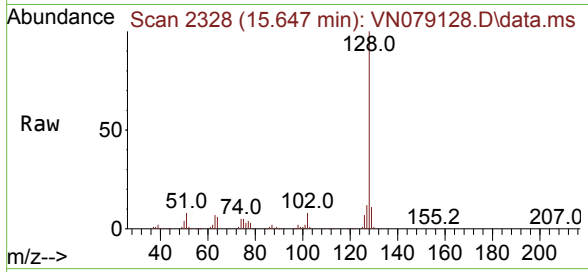
120 39.3 22.0 66.0





#95
Naphthalene
Concen: 41.383 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079128.D
Acq: 01 Sep 2023 17:23

Instrument :
MSVOA_N
ClientSampleId :
SBG-7



Tgt Ion:	128	Resp:	402859
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	10.8	8.7	13.1

