

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079131.D
 Acq On : 01 Sep 2023 18:35
 Operator : JC\MD
 Sample : 04232-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-12

Quant Time: Sep 01 23:19:17 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)

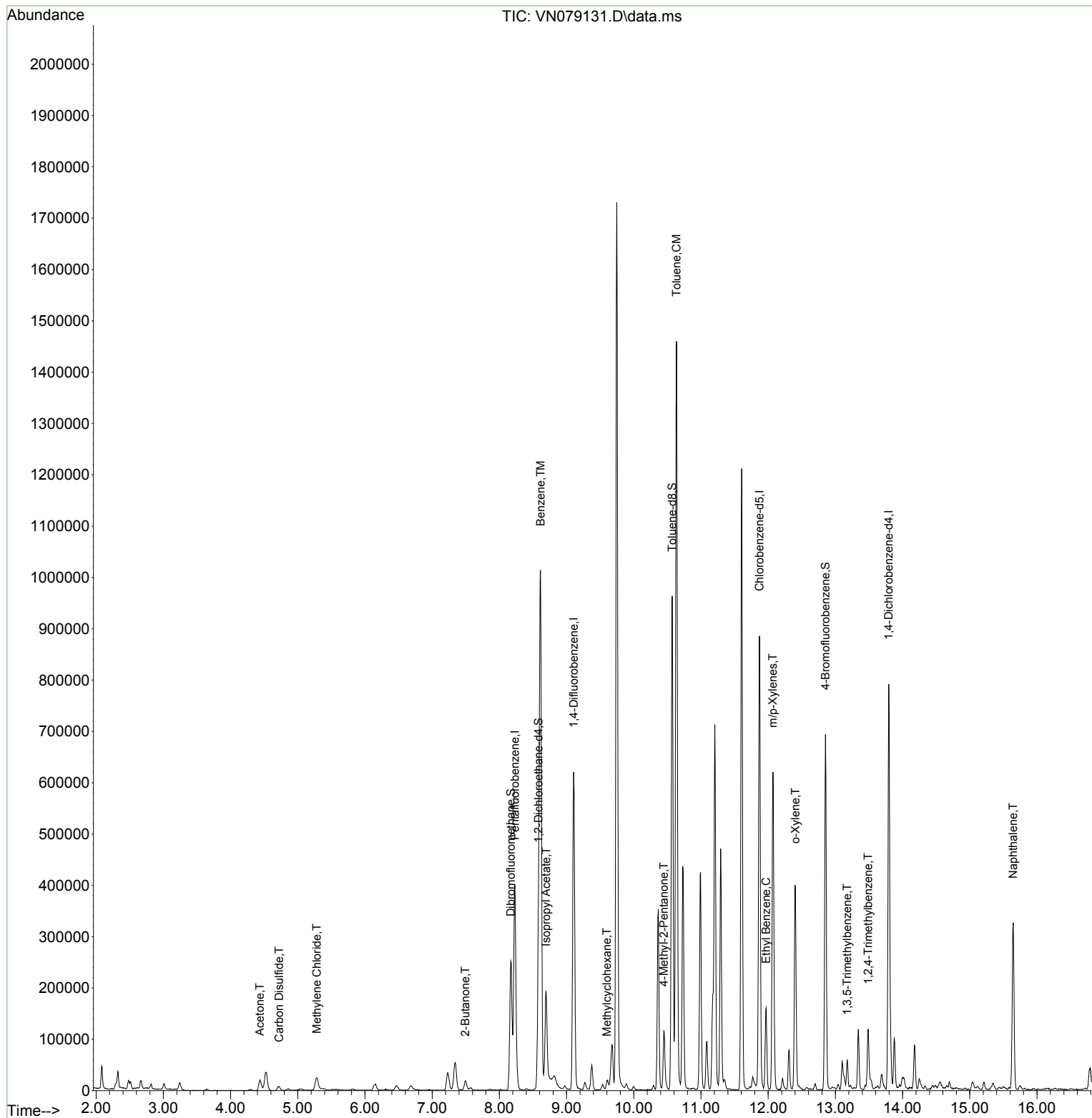
Internal Standards						
1) Pentafluorobenzene	8.230	168	299270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	555587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	522193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	214632	46.089	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.180%		
35) Dibromofluoromethane	8.171	113	186689	49.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.840%		
50) Toluene-d8	10.571	98	669720	48.228	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.460%		
62) 4-Bromofluorobenzene	12.853	95	241030	53.102	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.200%		
Target Compounds					Qvalue	
16) Acetone	4.436	43	38076	19.816	ug/l	92
17) Carbon Disulfide	4.724	76	17297	1.923	ug/l #	89
20) Methylene Chloride	5.283	84	19335	4.722	ug/l	89
25) 2-Butanone	7.494	43	30727	9.974	ug/l #	85
39) Methylcyclohexane	9.600	83	7724	1.493	ug/l #	84
40) Benzene	8.612	78	1010503	60.769	ug/l	99
43) Isopropyl Acetate	8.694	43	240059	21.577	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	85181	12.909	ug/l	88
52) Toluene	10.635	92	648881	63.558	ug/l	98
67) Ethyl Benzene	11.971	91	106453	5.266	ug/l	98
68) m/p-Xylenes	12.070	106	195632	25.885	ug/l	94
69) o-Xylene	12.406	106	108846	14.805	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	29622	2.110	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	71553	5.148	ug/l	95
95) Naphthalene	15.647	128	303773	32.007	ug/l	100

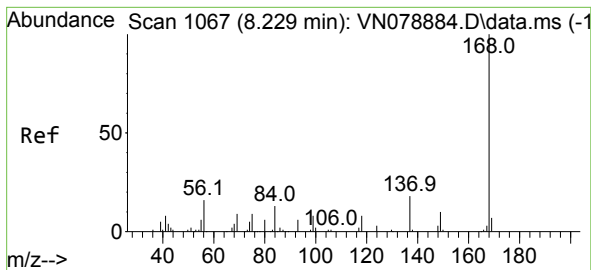
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079131.D

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MSVOA_N

ClientSampleId :

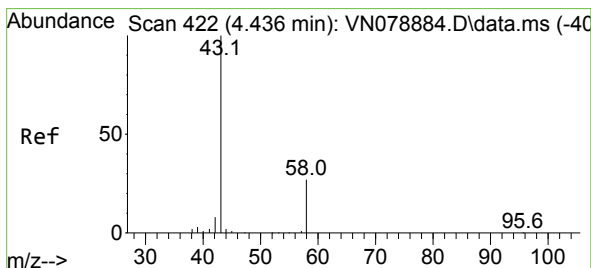
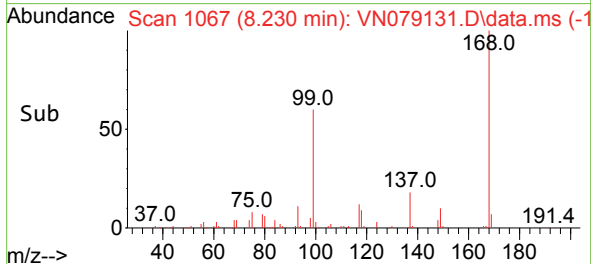
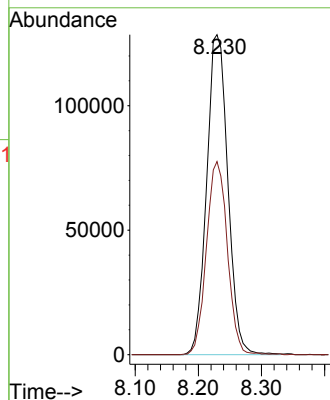
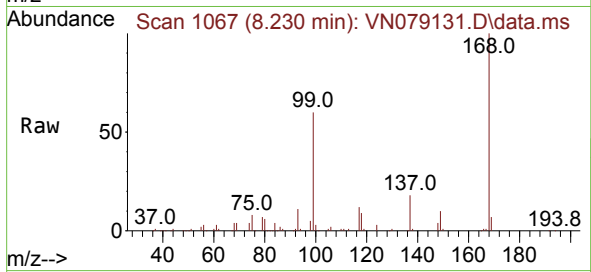
SB-12

Tgt Ion:168 Resp: 299270

Ion Ratio Lower Upper

168 100

99 60.4 53.0 79.6



#16

Acetone

Concen: 19.816 ug/l

RT: 4.436 min Scan# 422

Delta R.T. -0.006 min

Lab File: VN079131.D

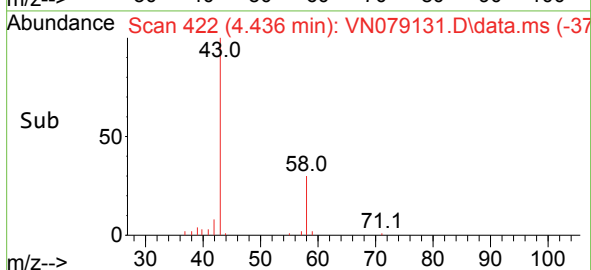
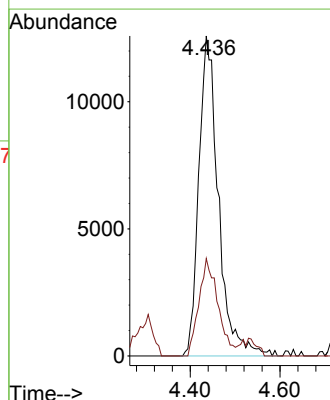
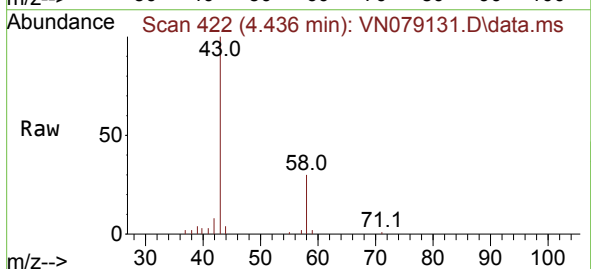
Acq: 01 Sep 2023 18:35

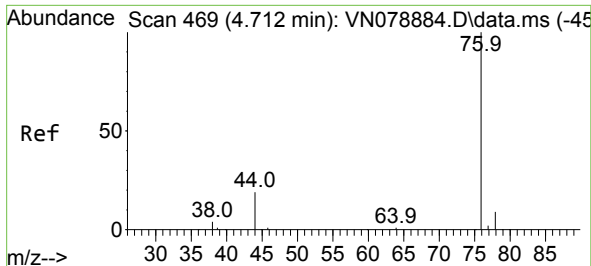
Tgt Ion: 43 Resp: 38076

Ion Ratio Lower Upper

43 100

58 30.4 28.0 42.0

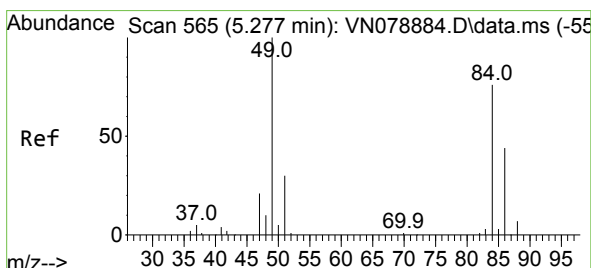
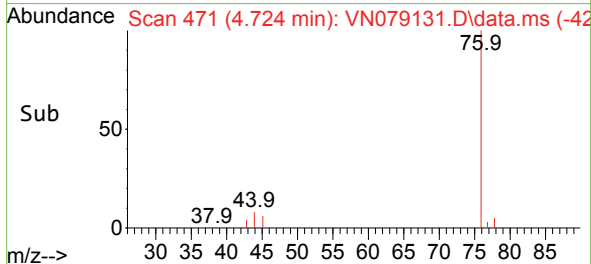
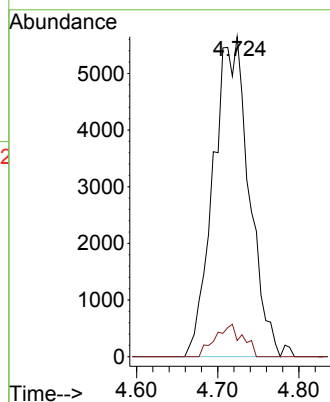
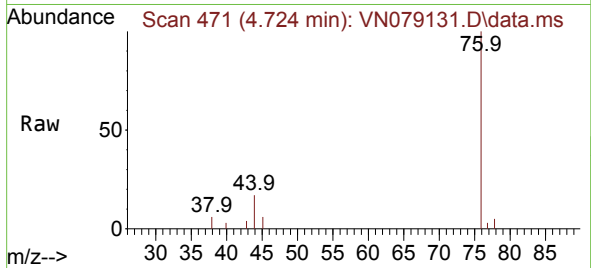




#17
Carbon Disulfide
Concen: 1.923 ug/l
RT: 4.724 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

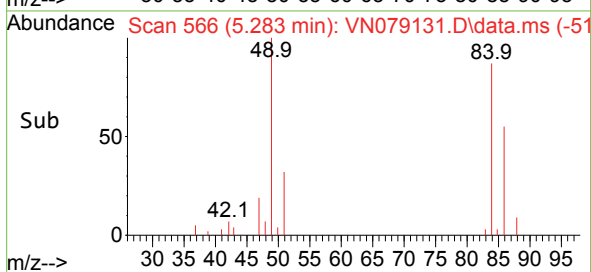
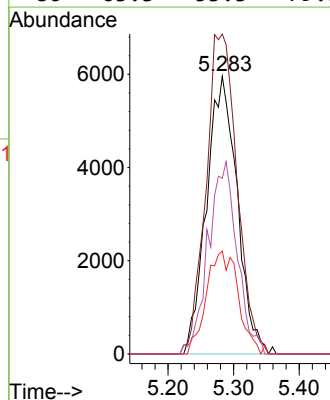
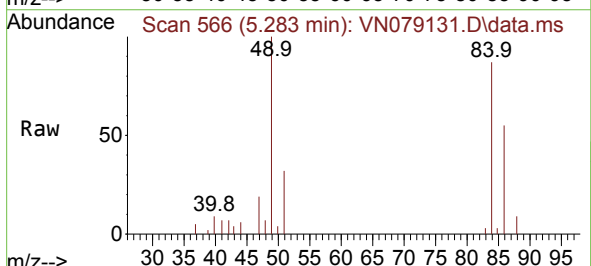
Instrument :
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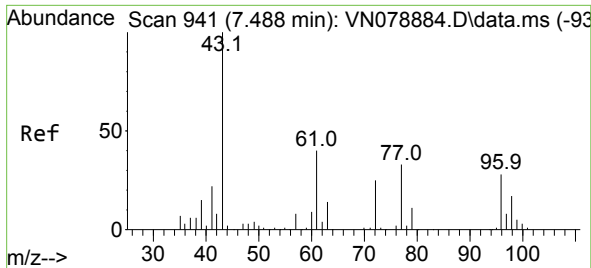
Tgt Ion: 76 Resp: 17297
Ion Ratio Lower Upper
76 100
78 5.1 7.4 11.0#



#20
Methylene Chloride
Concen: 4.722 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Tgt Ion: 84 Resp: 19335
Ion Ratio Lower Upper
84 100
49 115.3 79.7 119.5
51 37.1 25.2 37.8
86 63.3 53.3 79.9

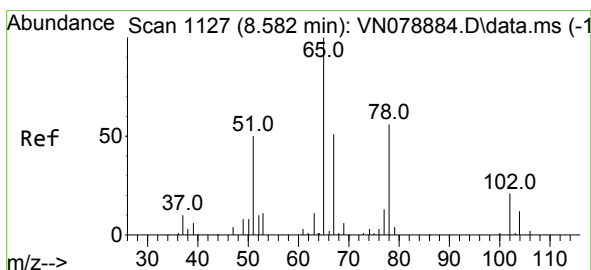
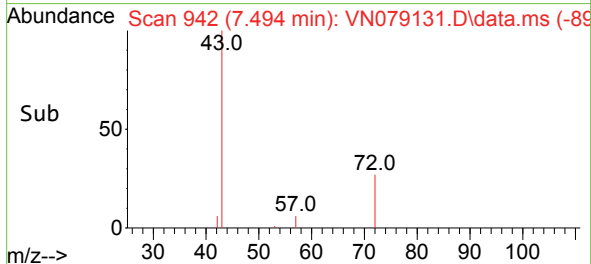
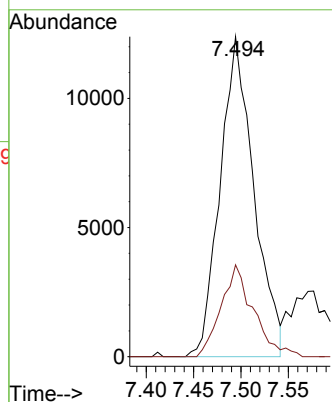
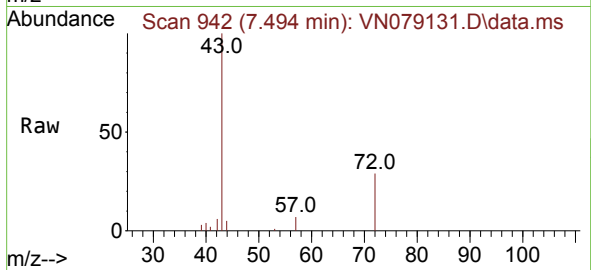




#25
2-Butanone
Concen: 9.974 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

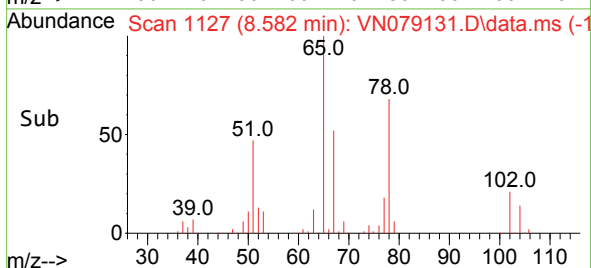
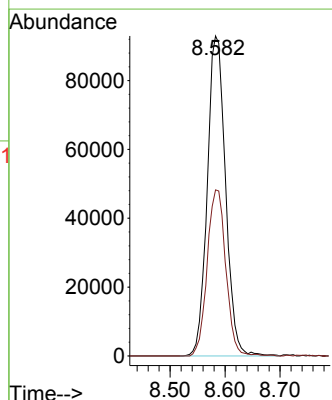
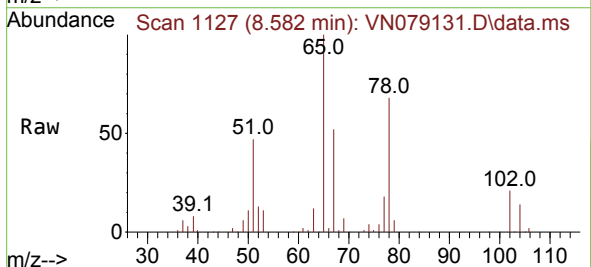
Instrument :
MSVOA_N
ClientSampleId :
SB-12

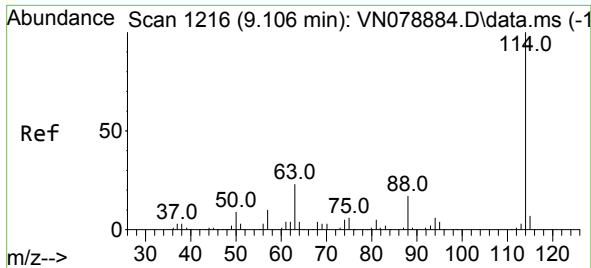
Tgt Ion: 43 Resp: 30727
Ion Ratio Lower Upper
43 100
72 28.7 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 46.089 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Tgt Ion: 65 Resp: 214632
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6

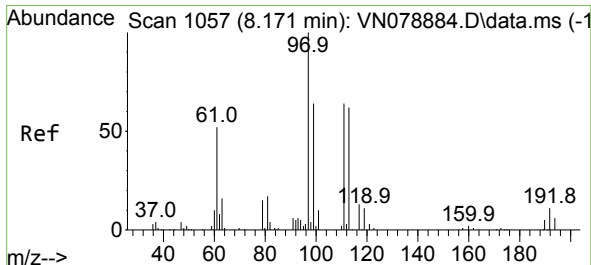
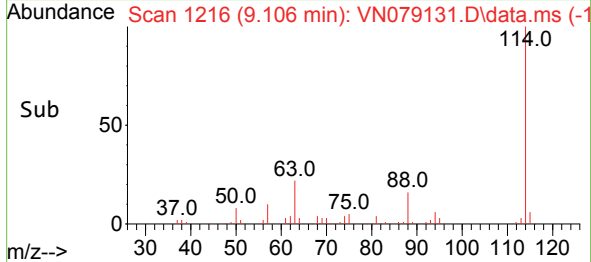
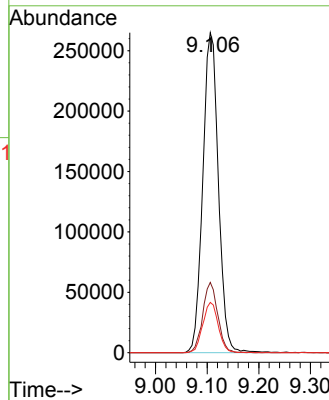
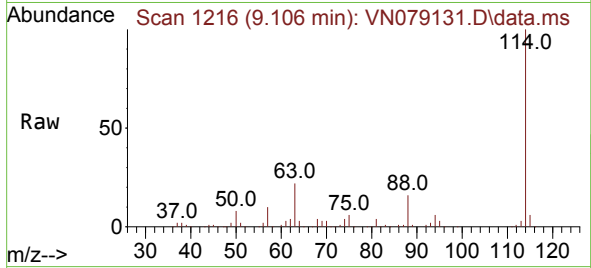




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

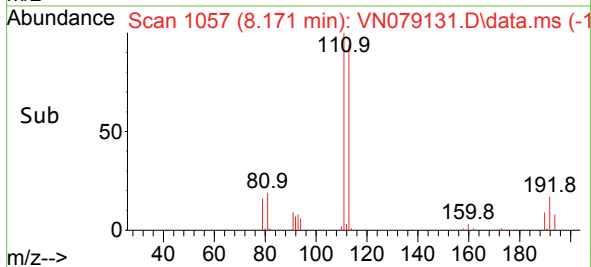
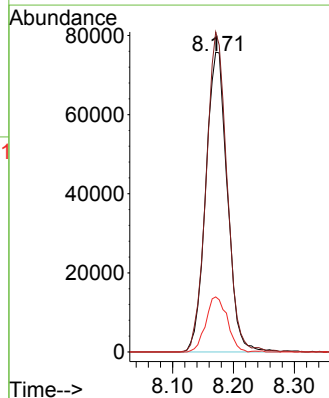
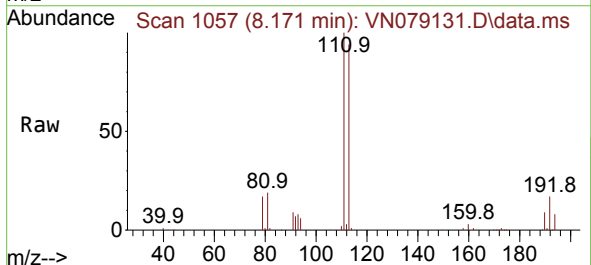
Instrument :
MSVOA_N
ClientSampleId :
SB-12

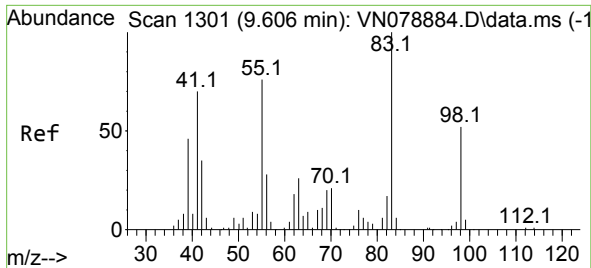
Tgt Ion:114 Resp: 555587
Ion Ratio Lower Upper
114 100
63 21.9 0.0 36.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.918 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Tgt Ion:113 Resp: 186689
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 18.3 12.7 19.1





#39

Methylcyclohexane

Concen: 1.493 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

SB-12

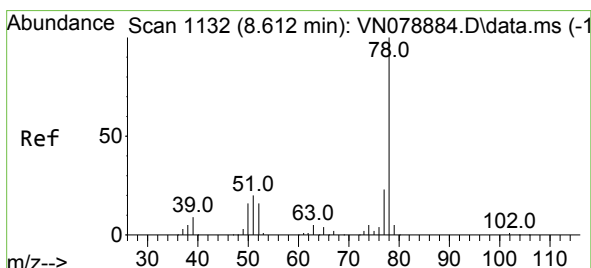
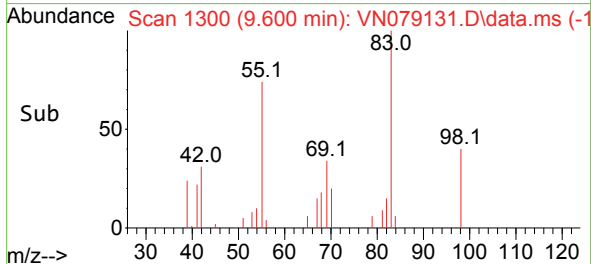
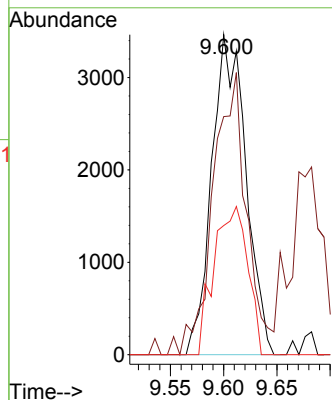
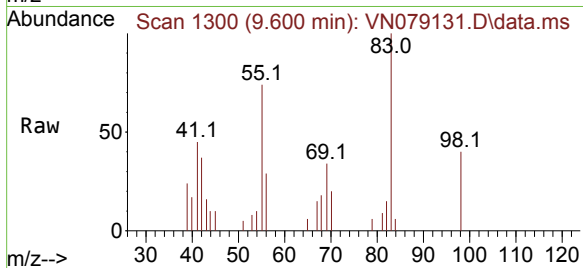
Tgt Ion: 83 Resp: 7724

Ion Ratio Lower Upper

83 100

55 74.4 49.1 73.7#

98 40.3 40.6 61.0#



#40

Benzene

Concen: 60.769 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079131.D

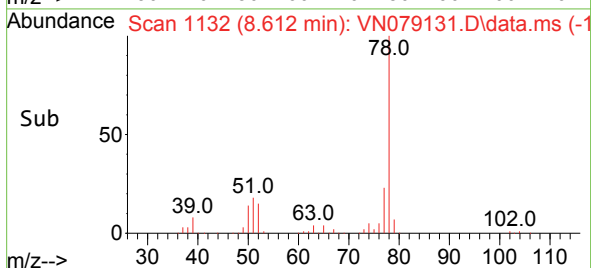
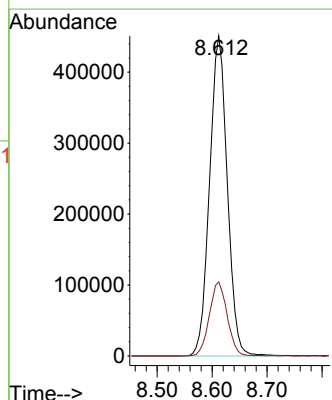
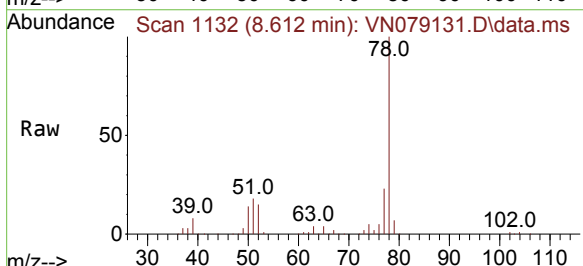
Acq: 01 Sep 2023 18:35

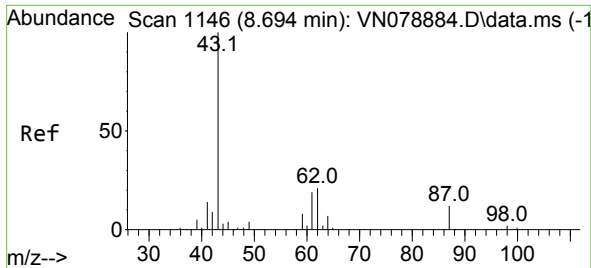
Tgt Ion: 78 Resp: 1010503

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

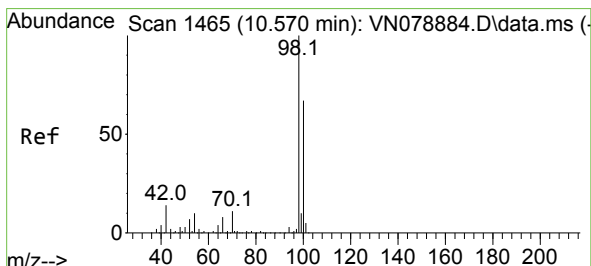
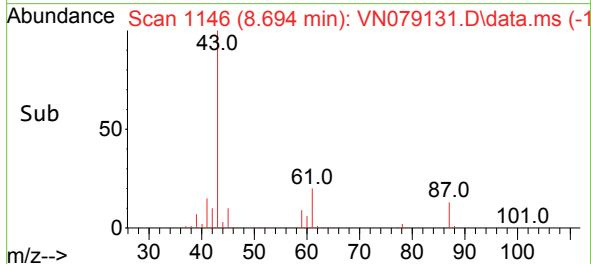
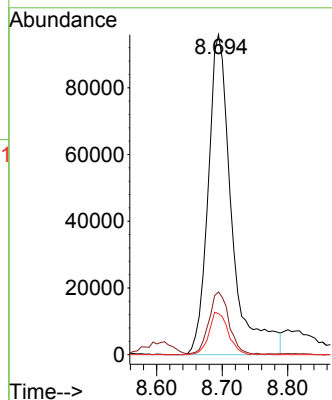
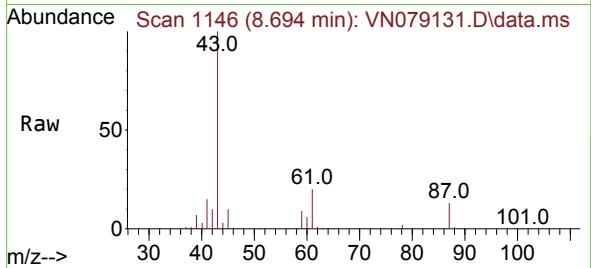




#43
Isopropyl Acetate
Concen: 21.577 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

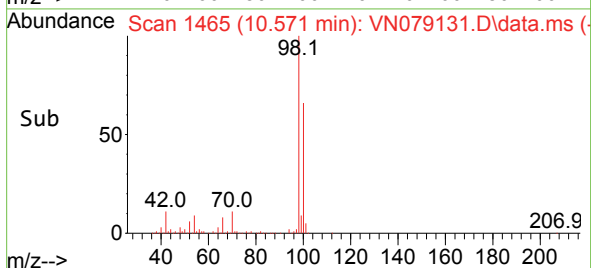
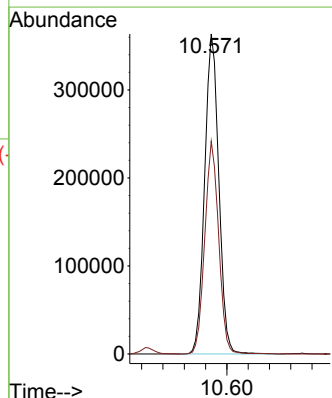
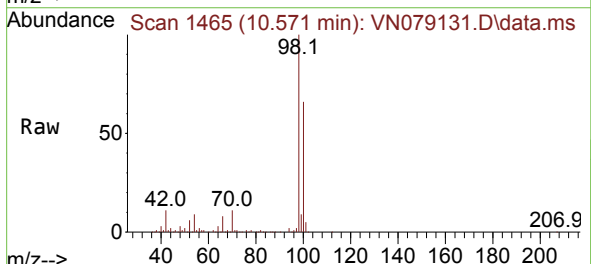
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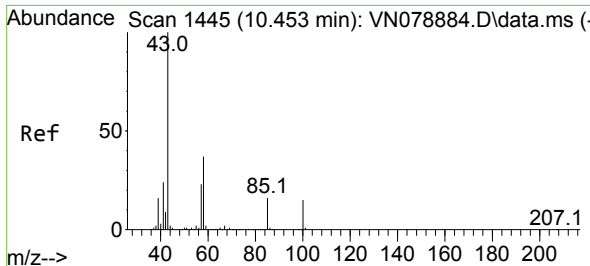
Tgt Ion: 43 Resp: 240059
Ion Ratio Lower Upper
43 100
61 16.8 24.7 37.1#
87 10.8 14.6 21.8#



#50
Toluene-d8
Concen: 48.228 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Tgt Ion: 98 Resp: 669720
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

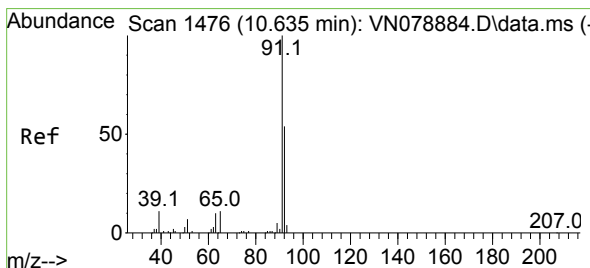
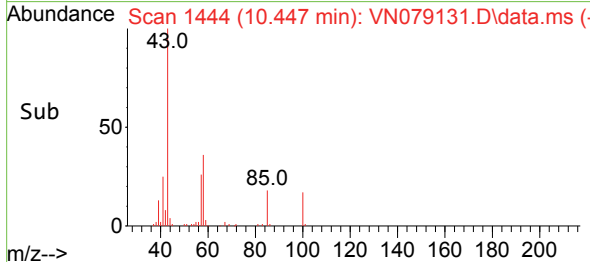
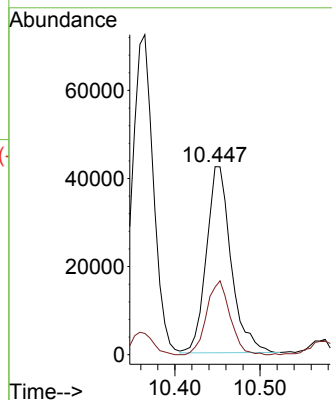
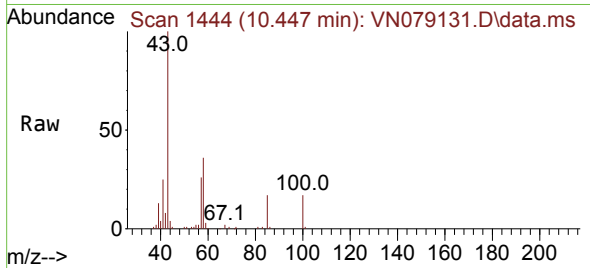




#51
4-Methyl-2-Pentanone
Concen: 12.909 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

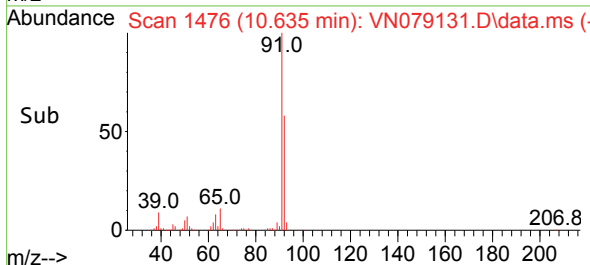
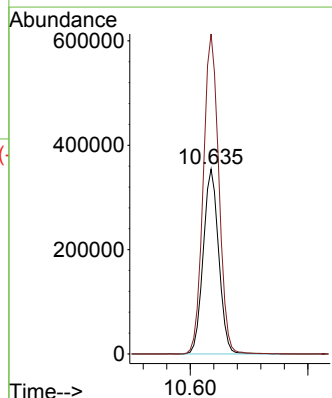
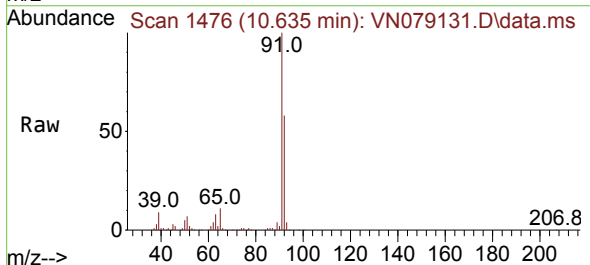
Instrument :
MSVOA_N
ClientSampleId :
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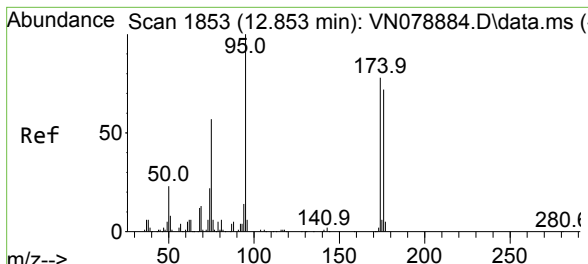
Tgt Ion: 43 Resp: 85181
Ion Ratio Lower Upper
43 100
58 37.5 36.6 54.8



#52
Toluene
Concen: 63.558 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Tgt Ion: 92 Resp: 648881
Ion Ratio Lower Upper
92 100
91 174.0 137.4 206.0

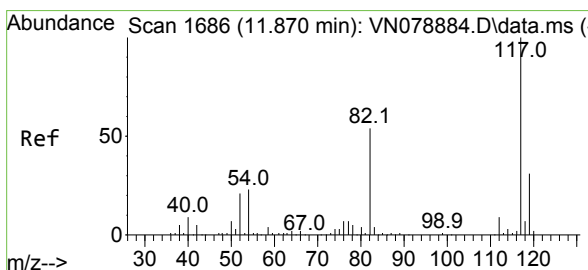
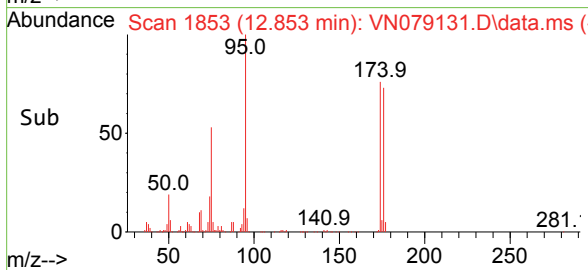
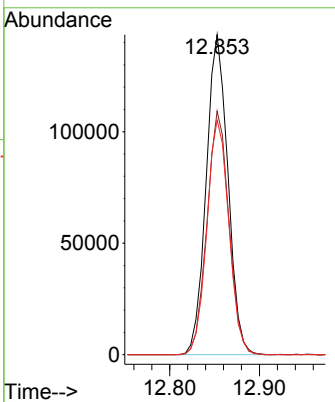
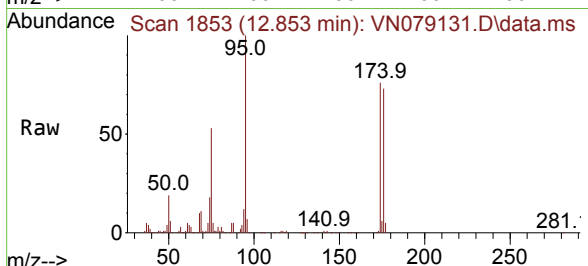




#62
 4-Bromofluorobenzene
 Concen: 53.102 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN079131.D
 Acq: 01 Sep 2023 18:35

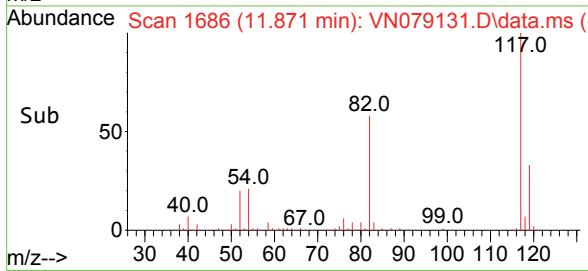
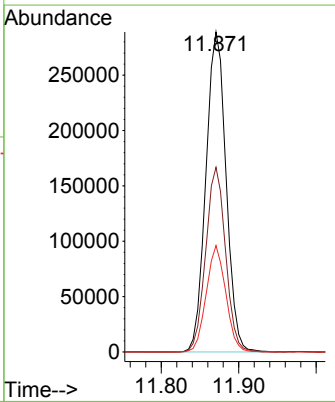
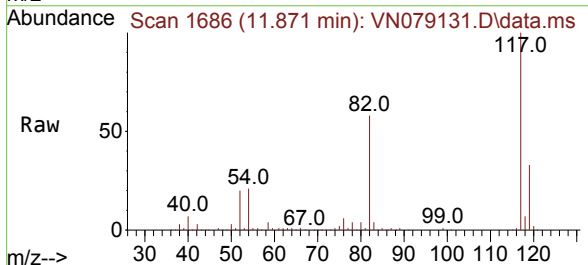
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-12

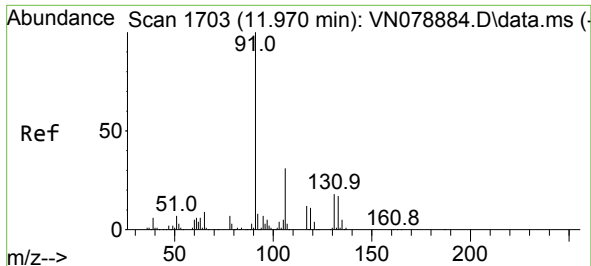
Tgt Ion:	95	Resp:	241030
Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	143.8
176	74.2	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: VN079131.D
 Acq: 01 Sep 2023 18:35

Tgt Ion:	117	Resp:	522193
Ion	Ratio	Lower	Upper
117	100		
82	57.7	44.0	66.0
119	33.2	25.6	38.4

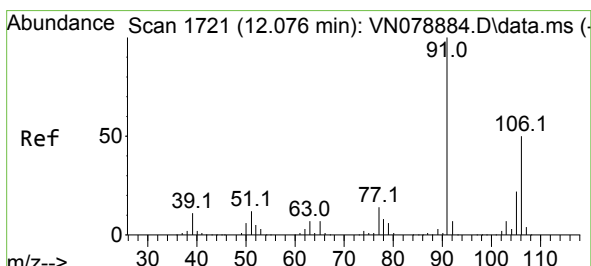
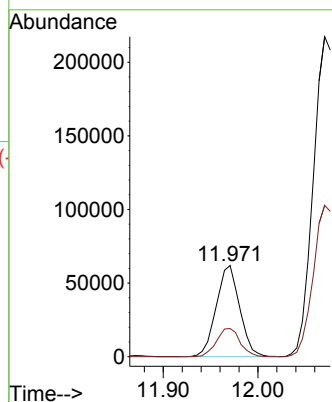
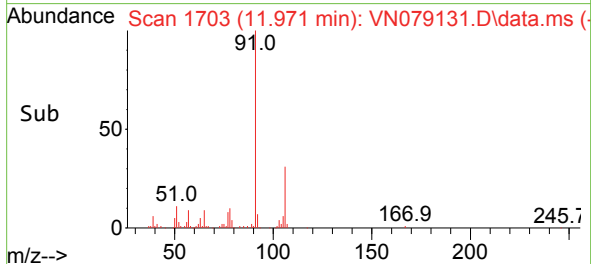
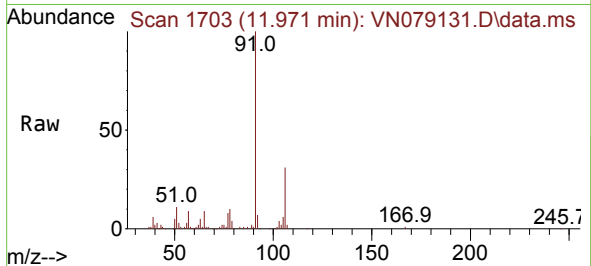




#67
Ethyl Benzene
Concen: 5.266 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

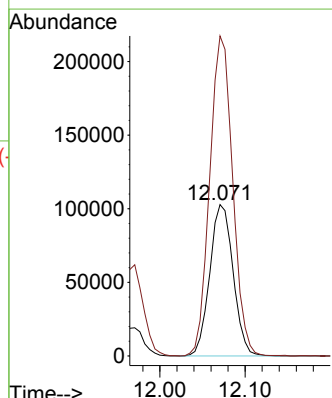
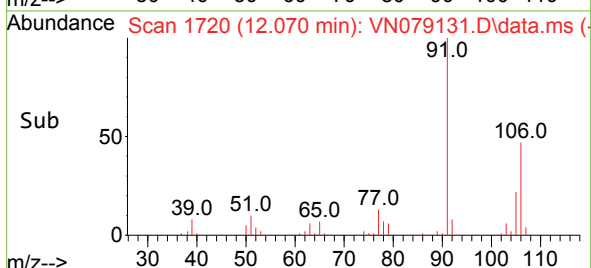
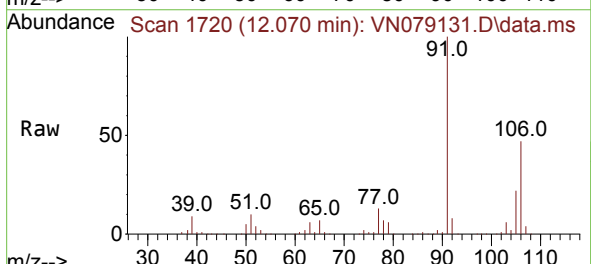
Instrument :
MSVOA_N
ClientSampleId :
SB-12

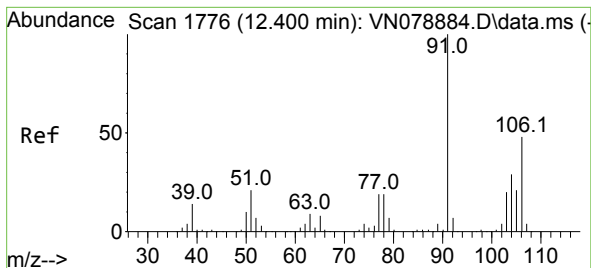
Tgt Ion: 91 Resp: 106453
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4



#68
m/p-Xylenes
Concen: 25.885 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Tgt Ion:106 Resp: 195632
Ion Ratio Lower Upper
106 100
91 208.0 159.6 239.4





#69

o-Xylene

Concen: 14.805 ug/l

RT: 12.406 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

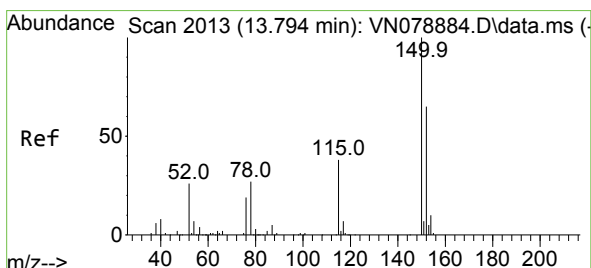
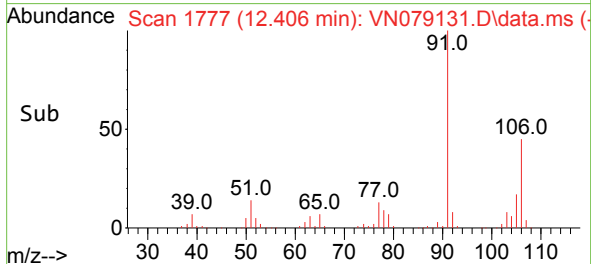
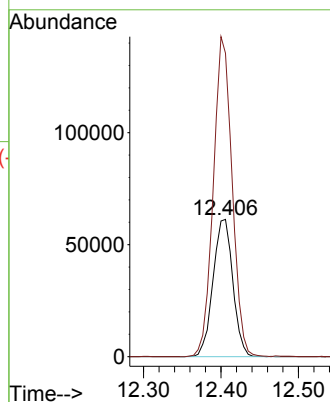
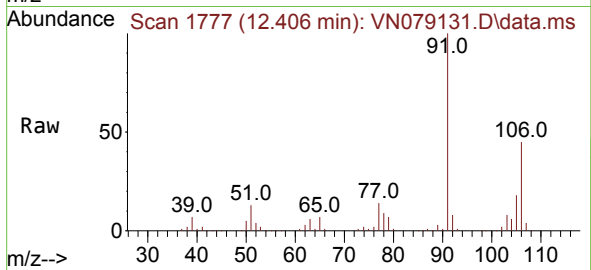
SB-12

Tgt Ion:106 Resp: 108846

Ion Ratio Lower Upper

106 100

91 221.3 105.2 315.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

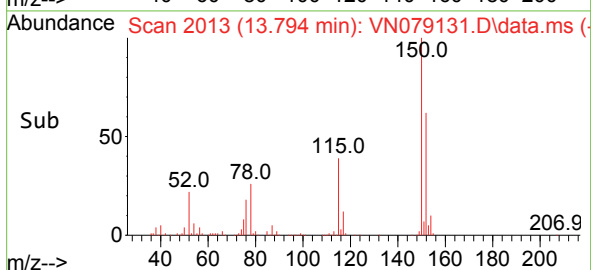
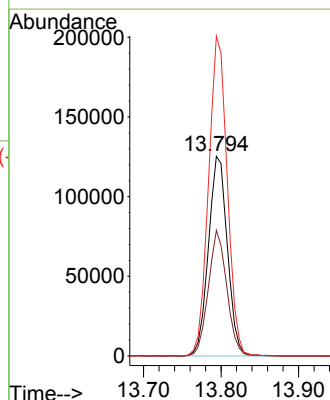
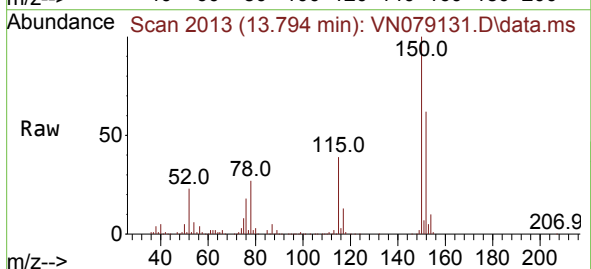
Tgt Ion:152 Resp: 212433

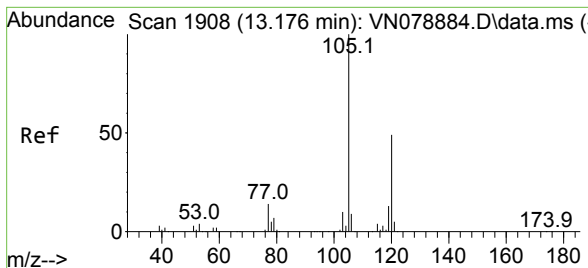
Ion Ratio Lower Upper

152 100

115 61.6 32.3 96.8

150 158.2 0.0 355.8





#80

1,3,5-Trimethylbenzene

Concen: 2.110 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079131.D

Acq: 01 Sep 2023 18:35

Instrument :

MSVOA_N

ClientSampleId :

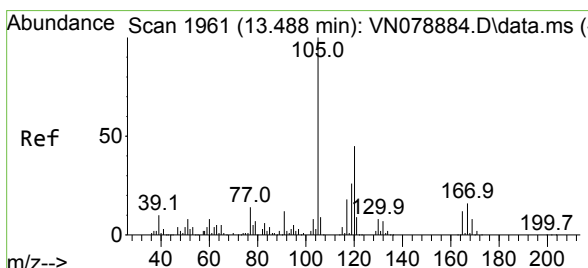
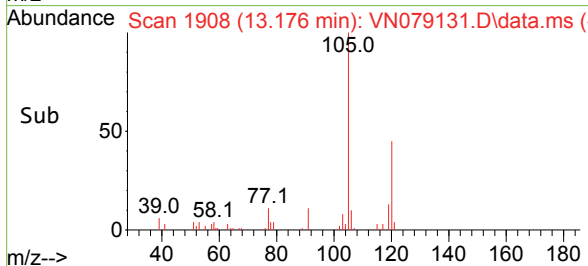
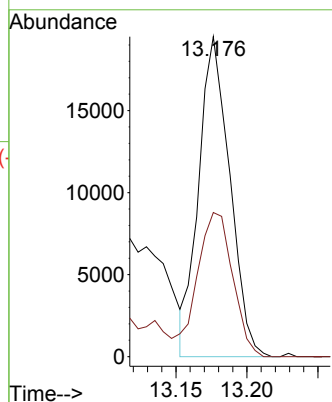
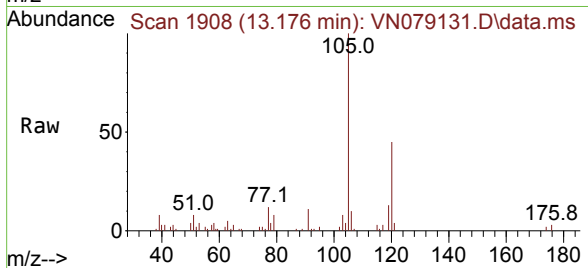
SB-12

Tgt Ion:105 Resp: 29622

Ion Ratio Lower Upper

105 100

120 51.7 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 5.148 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079131.D

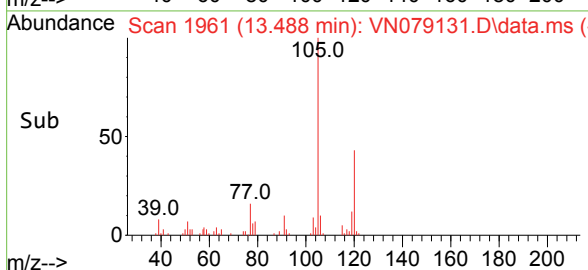
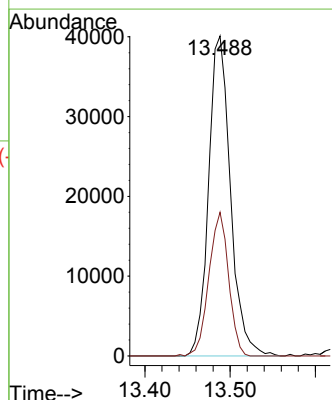
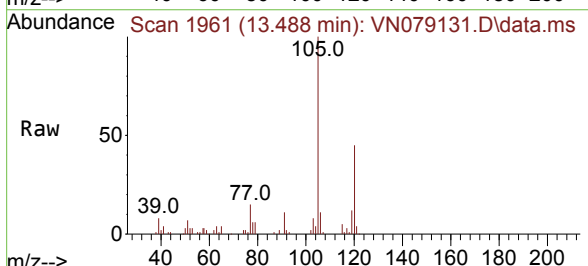
Acq: 01 Sep 2023 18:35

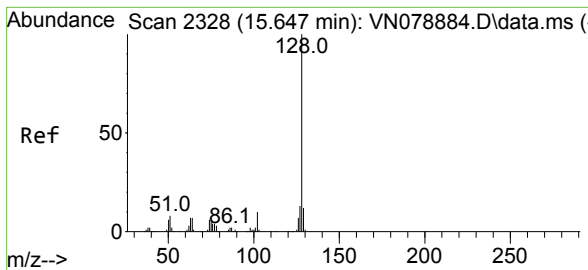
Tgt Ion:105 Resp: 71553

Ion Ratio Lower Upper

105 100

120 40.5 22.0 66.0





#95
Naphthalene
Concen: 32.007 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079131.D
Acq: 01 Sep 2023 18:35

Instrument :
MSVOA_N
ClientSampleId :
SB-12

Tgt Ion:128 Resp: 303773
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.1 8.7 13.1

