

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079130.D
 Acq On : 01 Sep 2023 18:11
 Operator : JC\MD
 Sample : 04232-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-11

Quant Time: Sep 01 23:18:36 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)

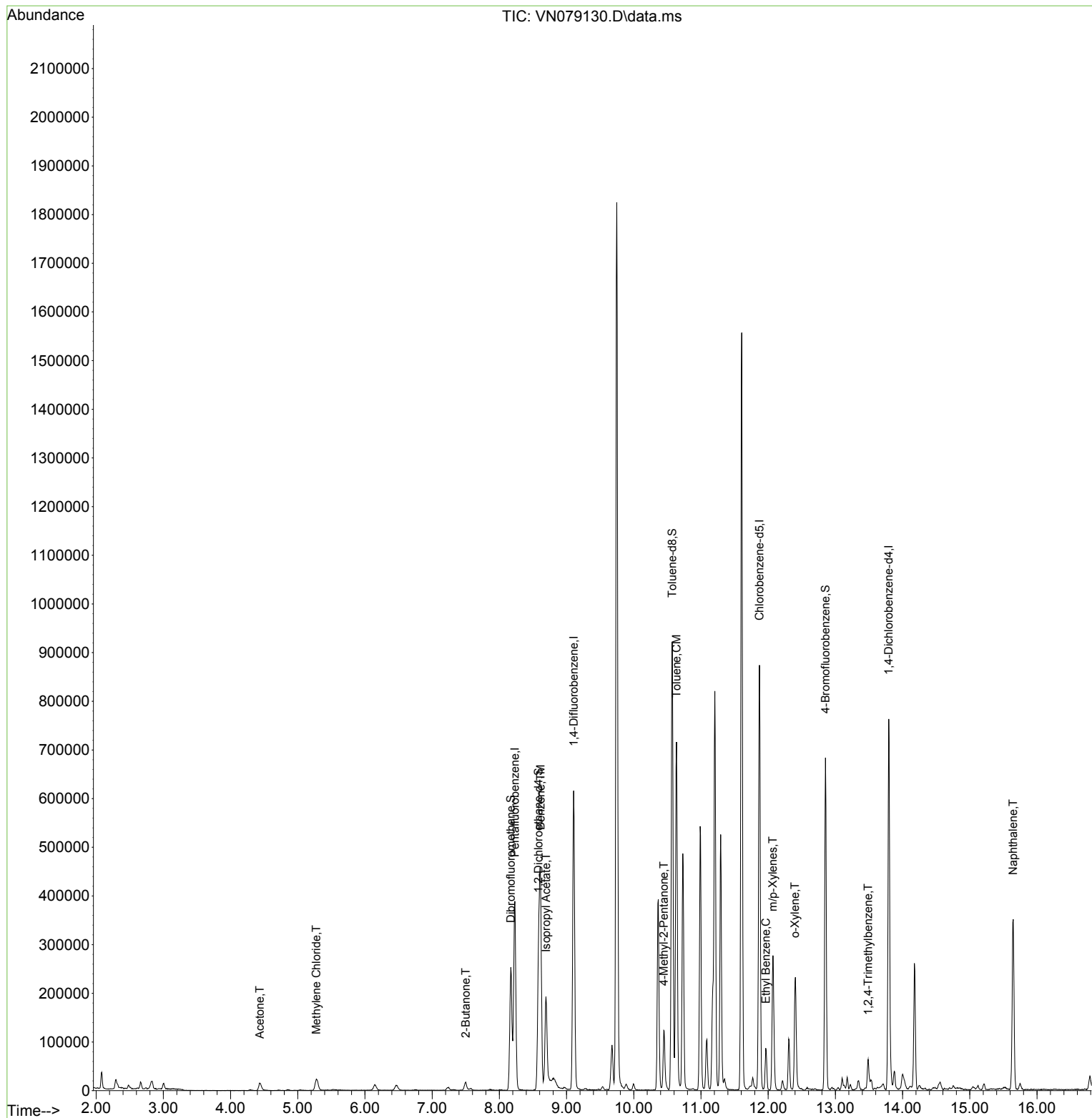
Internal Standards						
1) Pentafluorobenzene	8.230	168	291736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	531571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	516871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	205150	45.191	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.380%
35) Dibromofluoromethane	8.171	113	180779	50.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.040%
50) Toluene-d8	10.571	98	644085	48.477	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.853	95	238373	54.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.780%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	29866	15.944	ug/l	90
20) Methylene Chloride	5.277	84	18385	4.606	ug/l #	77
25) 2-Butanone	7.500	43	28174	9.382	ug/l #	79
40) Benzene	8.612	78	414534	26.055	ug/l	98
43) Isopropyl Acetate	8.694	43	239556	22.505	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	87793	13.906	ug/l	89
52) Toluene	10.635	92	316580	32.410	ug/l	97
67) Ethyl Benzene	11.965	91	50241	2.511	ug/l	91
68) m/p-Xylenes	12.071	106	89576	11.974	ug/l	95
69) o-Xylene	12.400	106	57168	7.856	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	39783	3.006	ug/l	93
95) Naphthalene	15.647	128	334574	36.619	ug/l	100

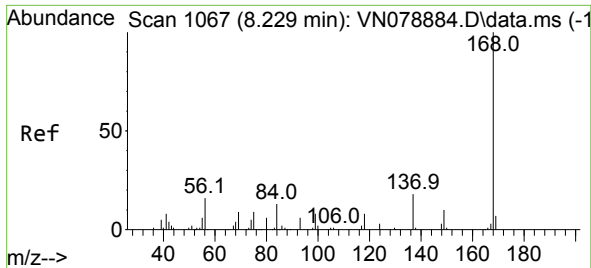
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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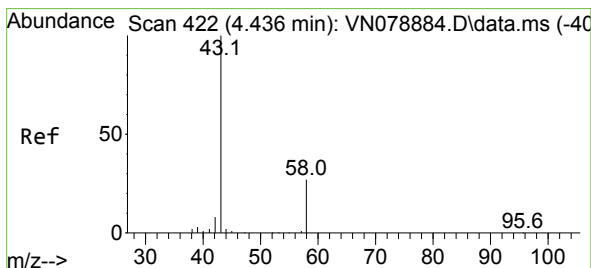
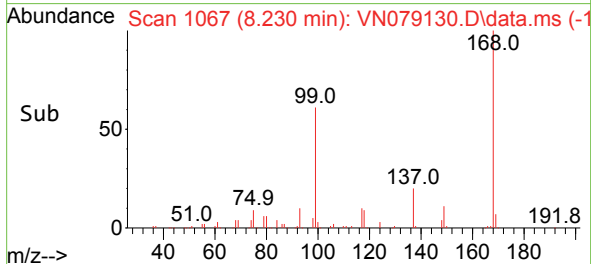
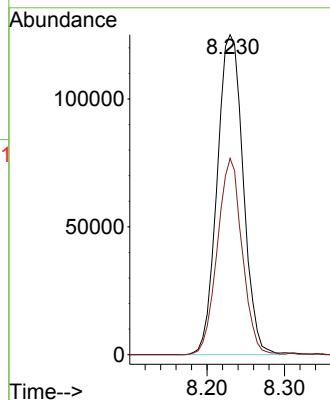
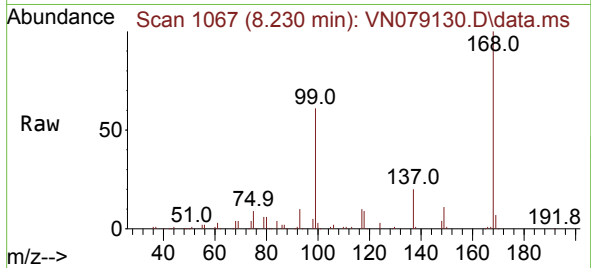




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

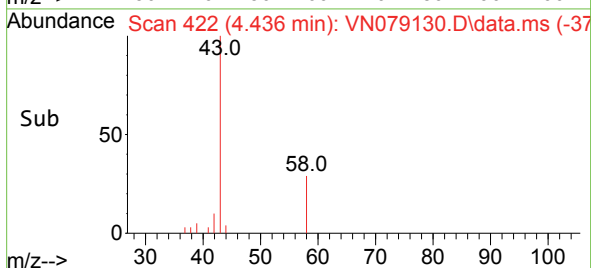
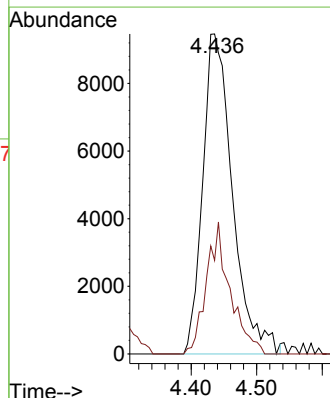
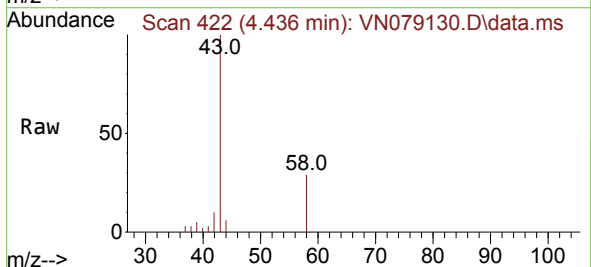
Instrument :
MSVOA_N
ClientSampleId :
SB-11

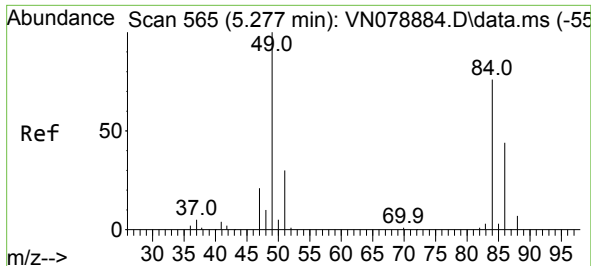
Tgt Ion:168 Resp: 291736
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#16
Acetone
Concen: 15.944 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion: 43 Resp: 29866
Ion Ratio Lower Upper
43 100
58 29.2 28.0 42.0

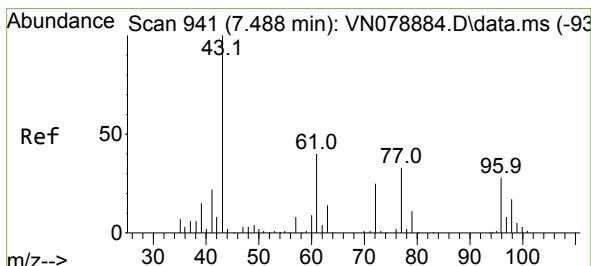
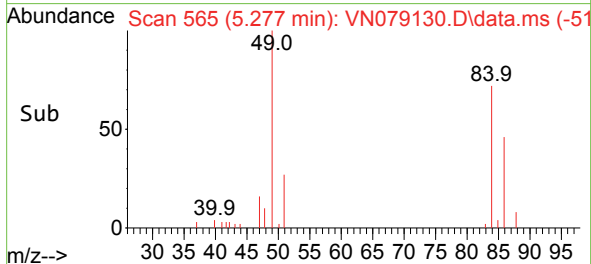
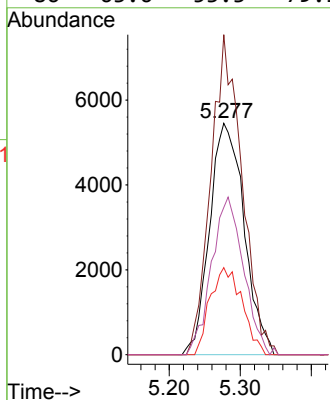
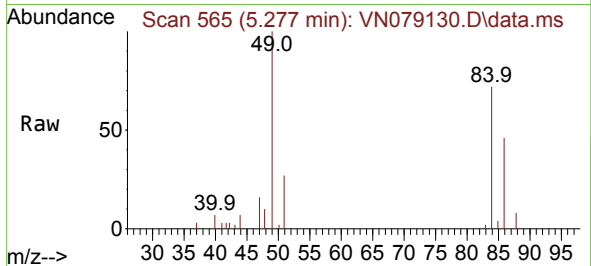




#20
Methylene Chloride
Concen: 4.606 ug/l
RT: 5.277 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

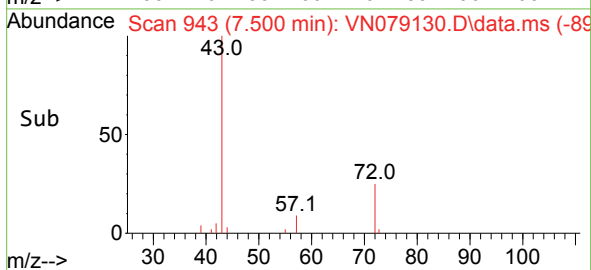
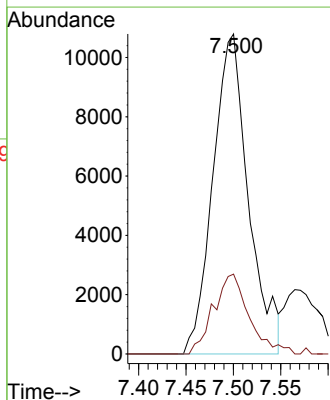
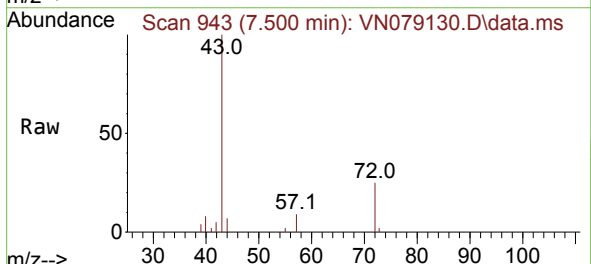
Instrument :
MSVOA_N
ClientSampleId :
SB-11

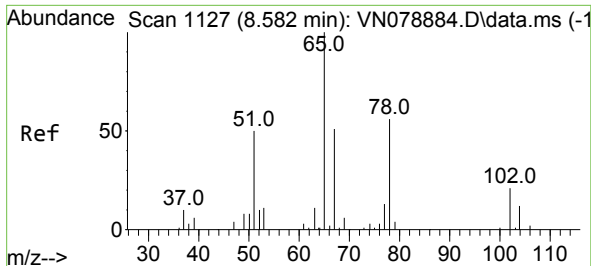
Tgt Ion:	84	Resp:	18385
Ion	Ratio	Lower	Upper
84	100		
49	138.3	79.7	119.5#
51	37.6	25.2	37.8
86	63.6	53.3	79.9



#25
2-Butanone
Concen: 9.382 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion:	43	Resp:	28174
Ion	Ratio	Lower	Upper
43	100		
72	25.0	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 45.191 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079130.D

Acq: 01 Sep 2023 18:11

Instrument :

MSVOA_N

ClientSampleId :

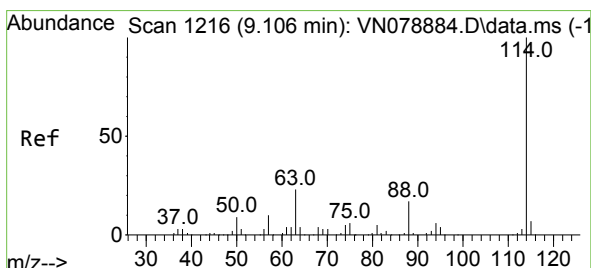
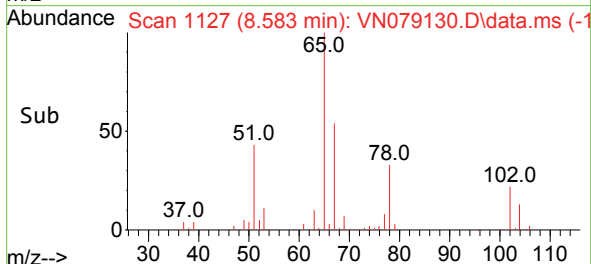
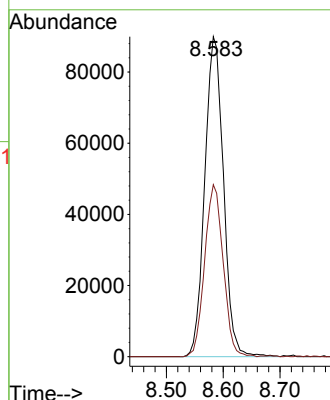
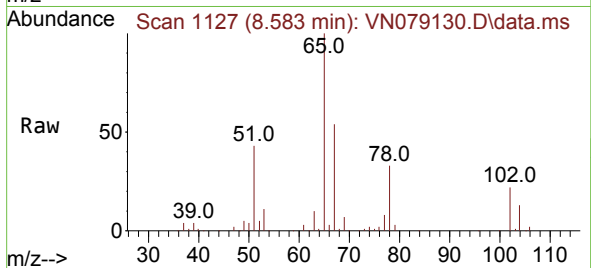
SB-11

Tgt Ion: 65 Resp: 205150

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079130.D

Acq: 01 Sep 2023 18:11

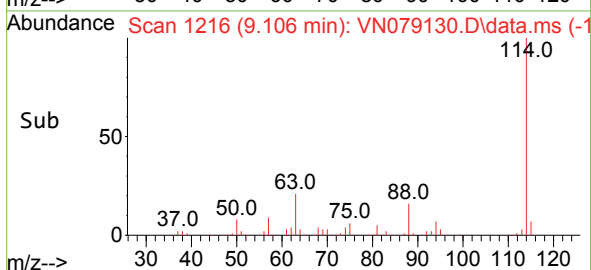
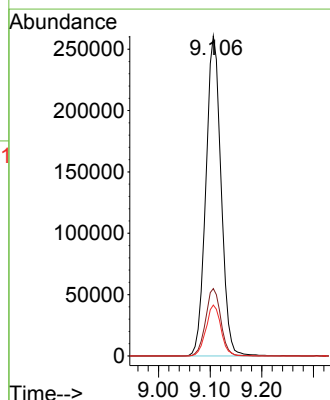
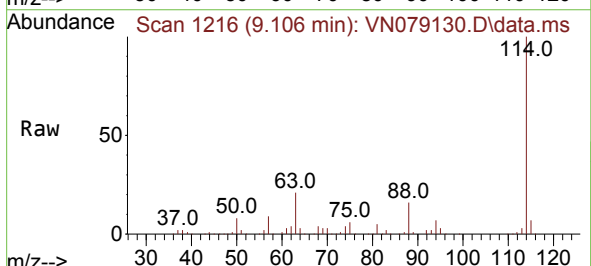
Tgt Ion: 114 Resp: 531571

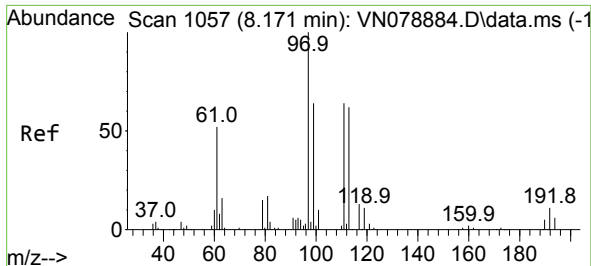
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 15.9 0.0 30.6

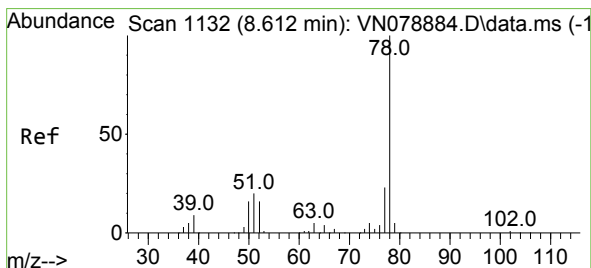
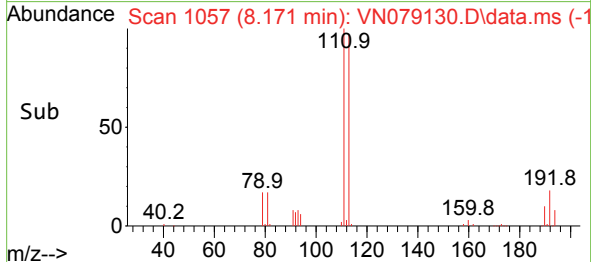
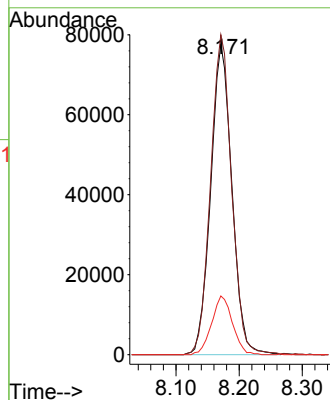
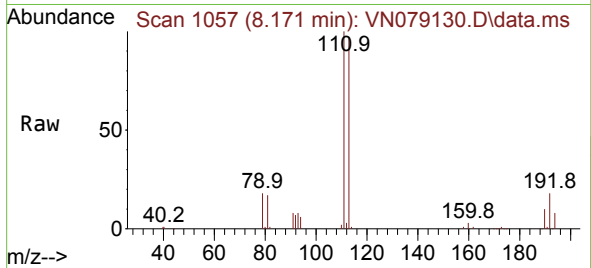




#35
Dibromofluoromethane
Concen: 50.522 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

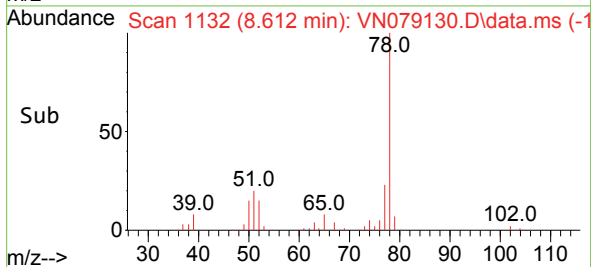
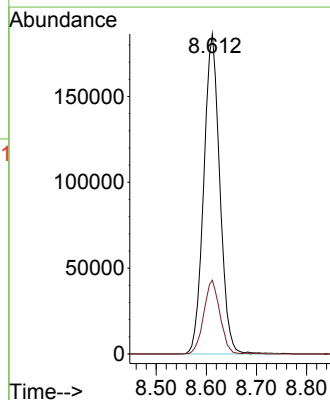
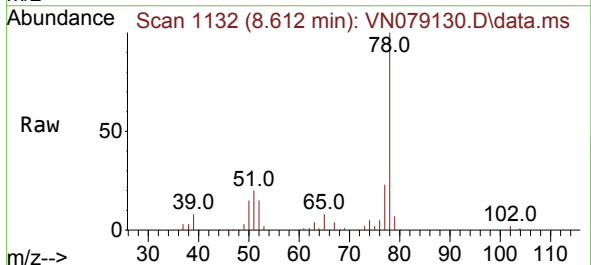
Instrument :
MSVOA_N
ClientSampleId :
SB-11

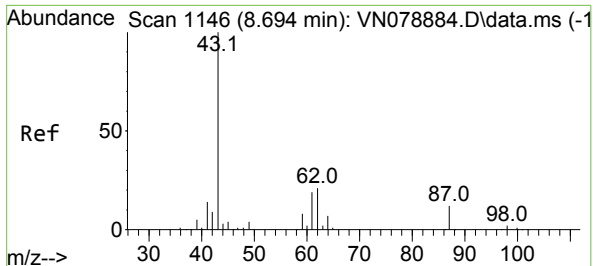
Tgt Ion:113 Resp: 180779
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 18.6 12.7 19.1



#40
Benzene
Concen: 26.055 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion: 78 Resp: 414534
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6

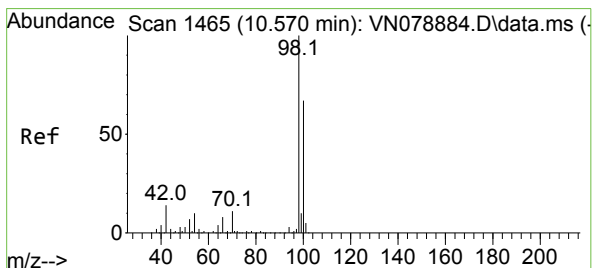
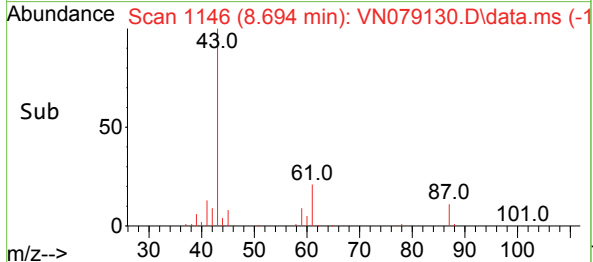
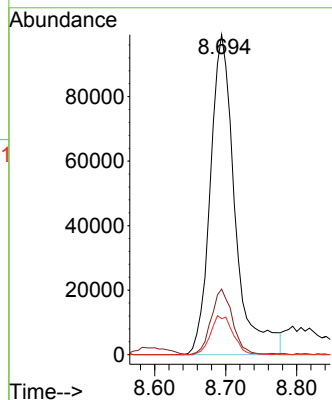
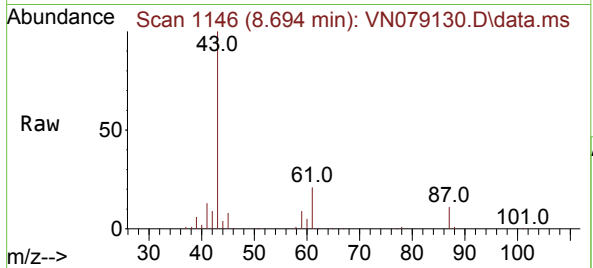




#43
Isopropyl Acetate
Concen: 22.505 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

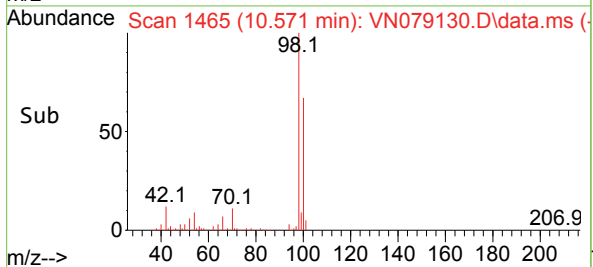
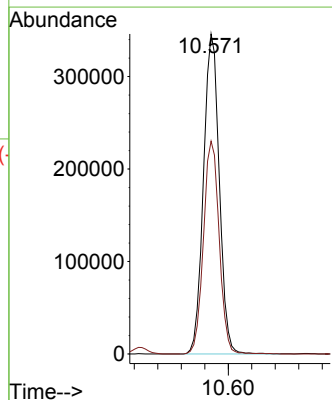
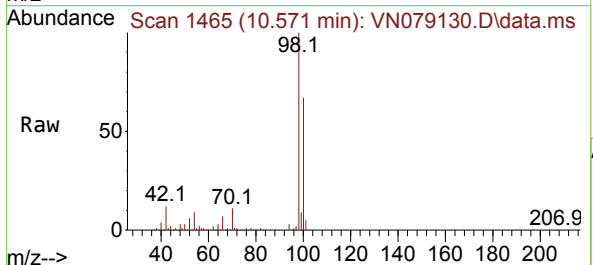
Instrument :
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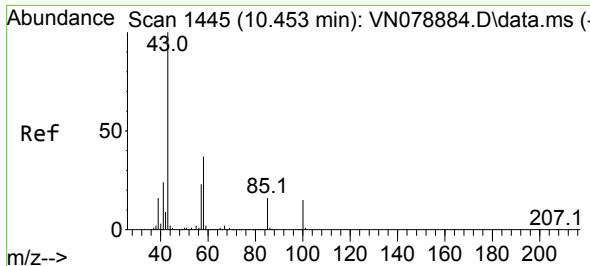
Tgt Ion: 43 Resp: 239556
Ion Ratio Lower Upper
43 100
61 17.7 24.7 37.1#
87 11.1 14.6 21.8#



#50
Toluene-d8
Concen: 48.477 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion: 98 Resp: 644085
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0

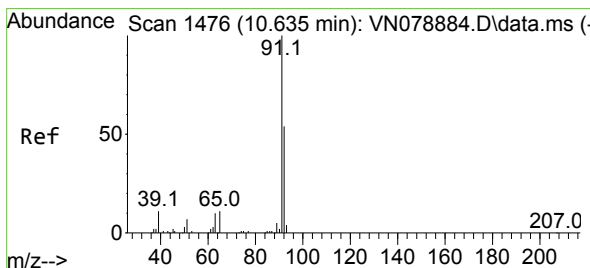
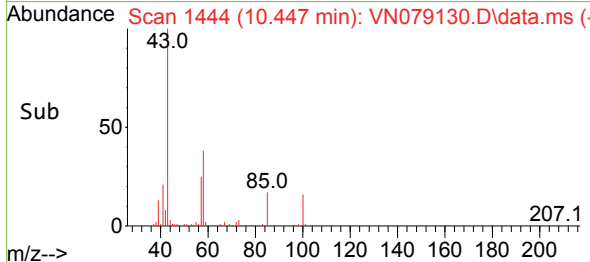
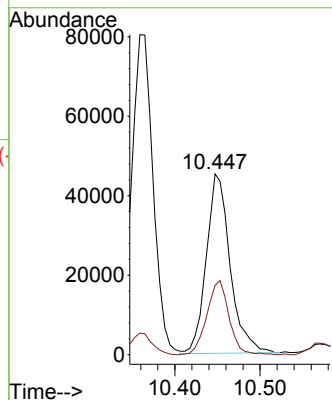
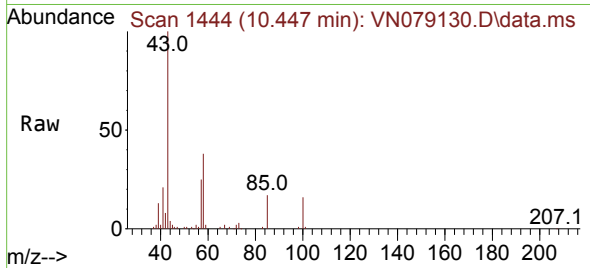




#51
4-Methyl-2-Pentanone
Concen: 13.906 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

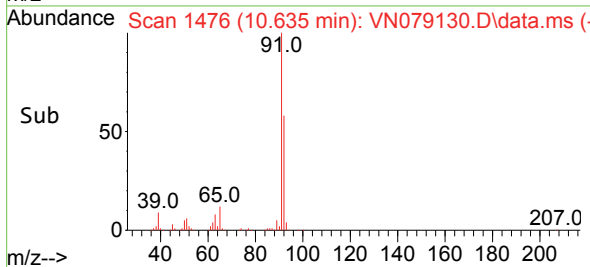
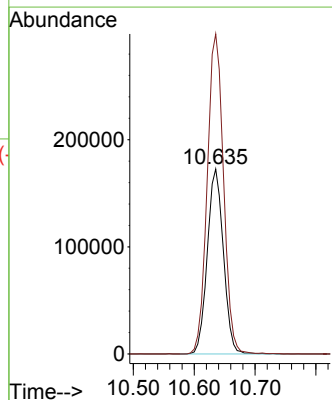
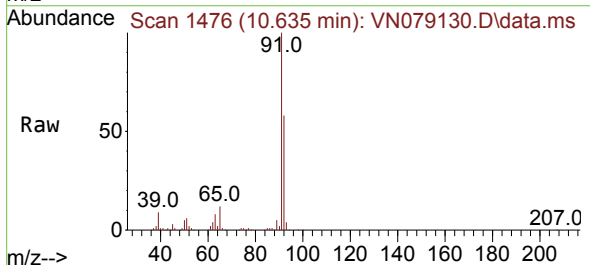
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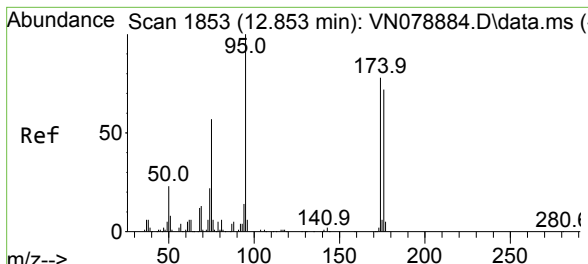
Tgt Ion: 43 Resp: 87793
Ion Ratio Lower Upper
43 100
58 38.2 36.6 54.8



#52
Toluene
Concen: 32.410 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion: 92 Resp: 316580
Ion Ratio Lower Upper
92 100
91 175.6 137.4 206.0



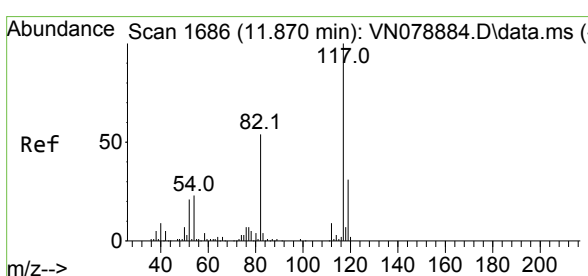
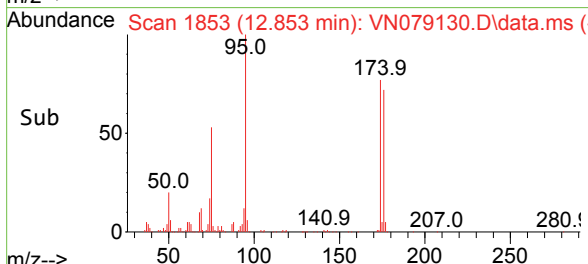
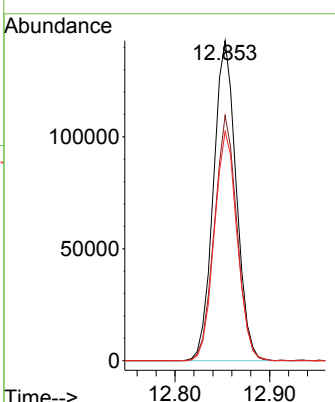
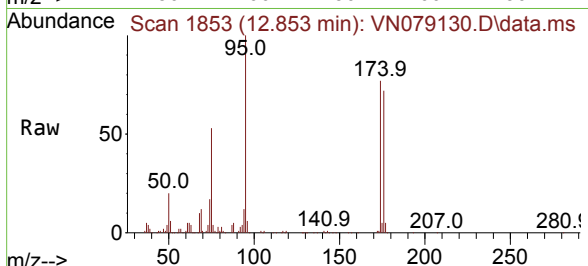


#62
 4-Bromofluorobenzene
 Concen: 54.889 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN079130.D
 Acq: 01 Sep 2023 18:11

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion: 95 Resp: 238373

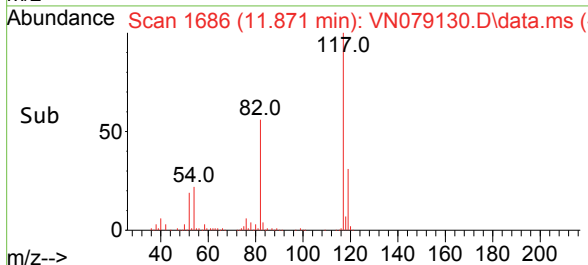
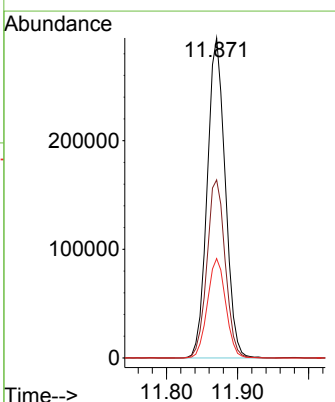
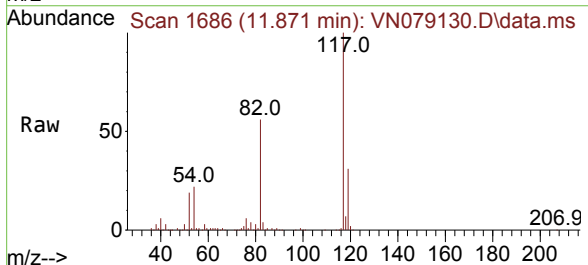
Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	143.8
176	71.9	0.0	135.8

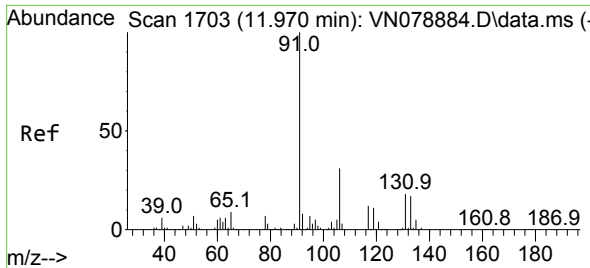


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: VN079130.D
 Acq: 01 Sep 2023 18:11

Tgt Ion: 117 Resp: 516871

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.0	66.0
119	31.1	25.6	38.4

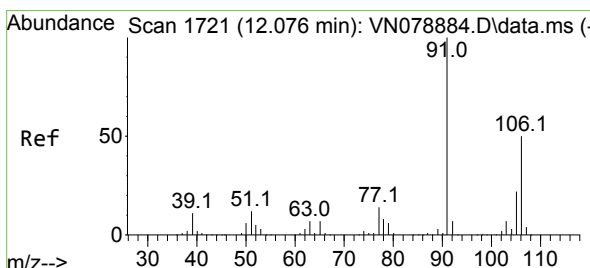
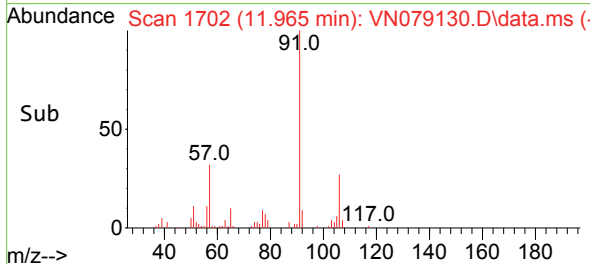
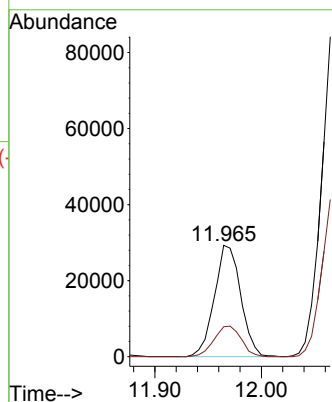
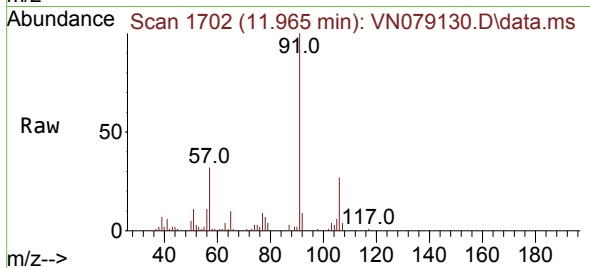




#67
Ethyl Benzene
Concen: 2.511 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

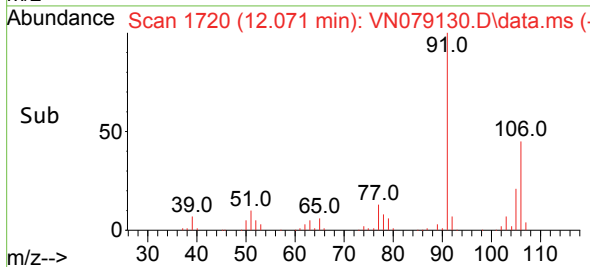
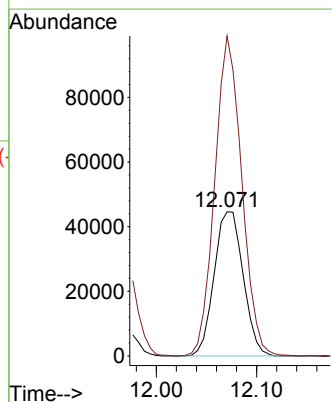
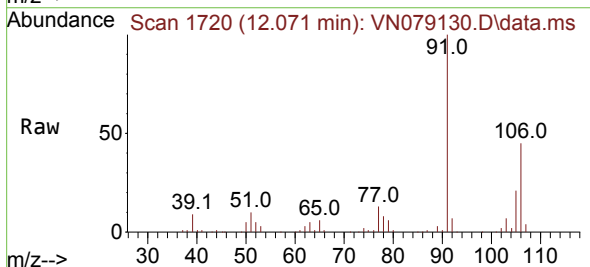
Instrument :
MSVOA_N
ClientSampleId :
SB-11

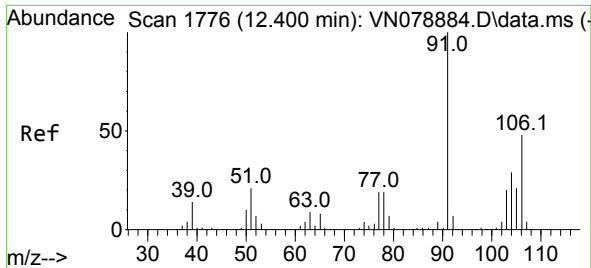
Tgt Ion: 91 Resp: 50241
Ion Ratio Lower Upper
91 100
106 26.9 25.6 38.4



#68
m/p-Xylenes
Concen: 11.974 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.005 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion:106 Resp: 89576
Ion Ratio Lower Upper
106 100
91 206.9 159.6 239.4

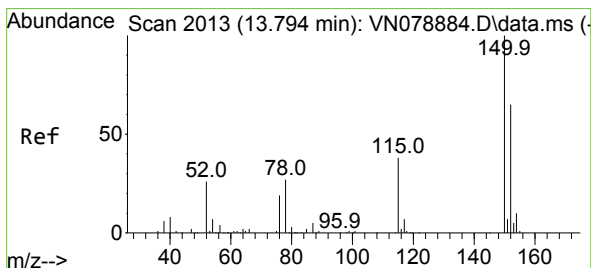
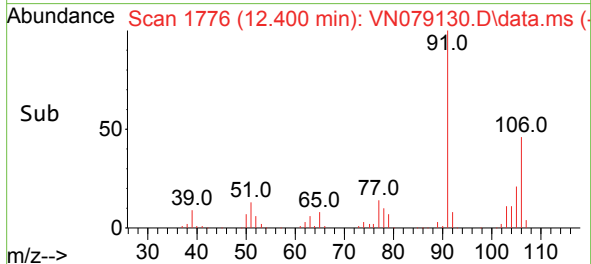
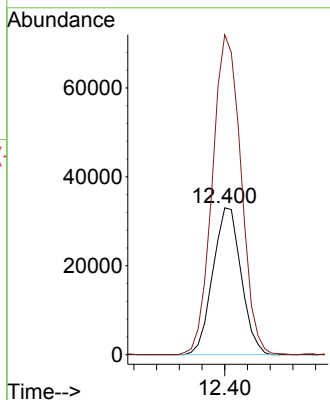
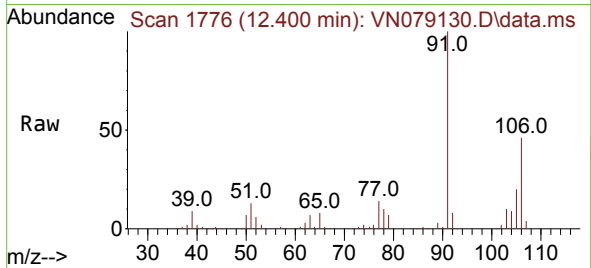




#69
o-Xylene
Concen: 7.856 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

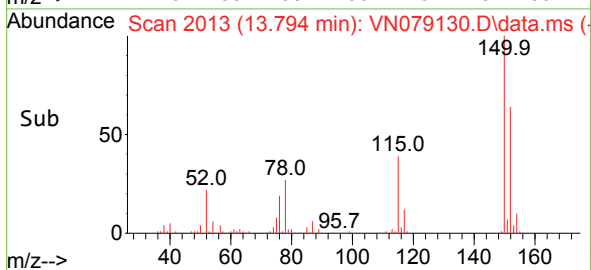
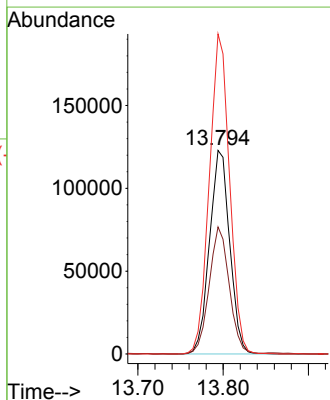
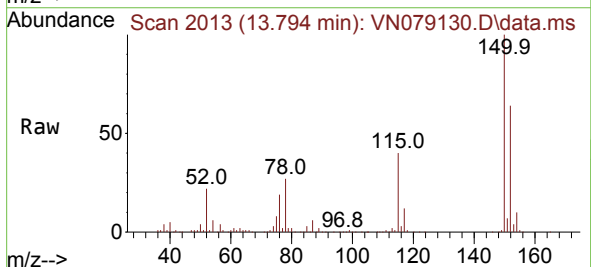
Instrument :
MSVOA_N
ClientSampleId :
SB-11

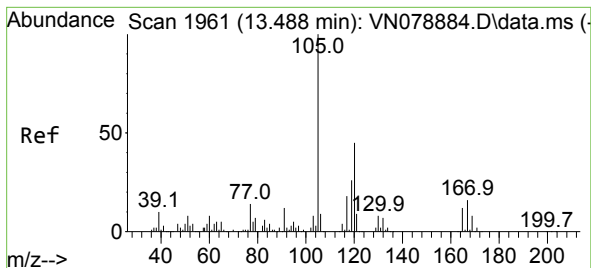
Tgt Ion:106 Resp: 57168
Ion Ratio Lower Upper
106 100
91 220.9 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079130.D
Acq: 01 Sep 2023 18:11

Tgt Ion:152 Resp: 202281
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 157.1 0.0 355.8





#84

1,2,4-Trimethylbenzene

Concen: 3.006 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079130.D

Acq: 01 Sep 2023 18:11

Instrument :

MSVOA_N

ClientSampleId :

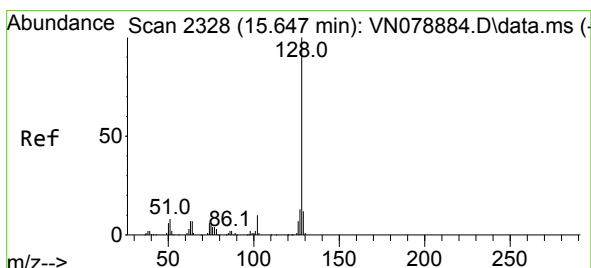
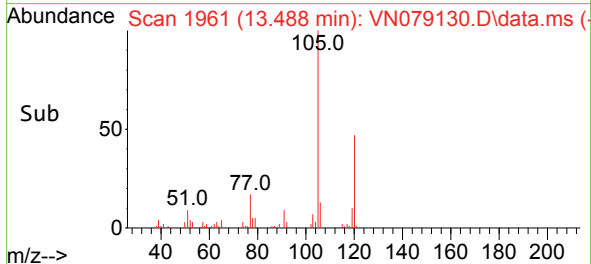
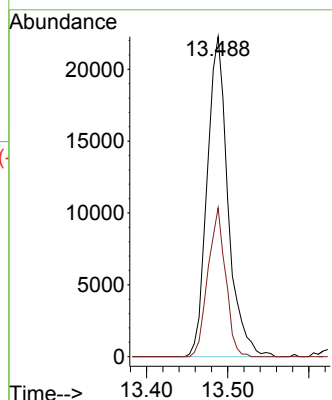
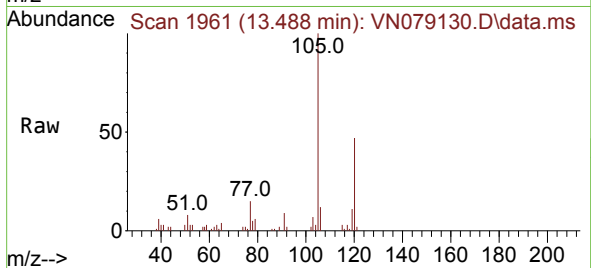
SB-11

Tgt Ion:105 Resp: 39783

Ion Ratio Lower Upper

105 100

120 39.1 22.0 66.0



#95

Naphthalene

Concen: 36.619 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079130.D

Acq: 01 Sep 2023 18:11

Tgt Ion:128 Resp: 334574

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

129 11.1 8.7 13.1

