

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079154.D
 Acq On : 02 Sep 2023 19:35
 Operator : JC\MD
 Sample : 04232-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-11

Quant Time: Sep 04 01:09:37 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)

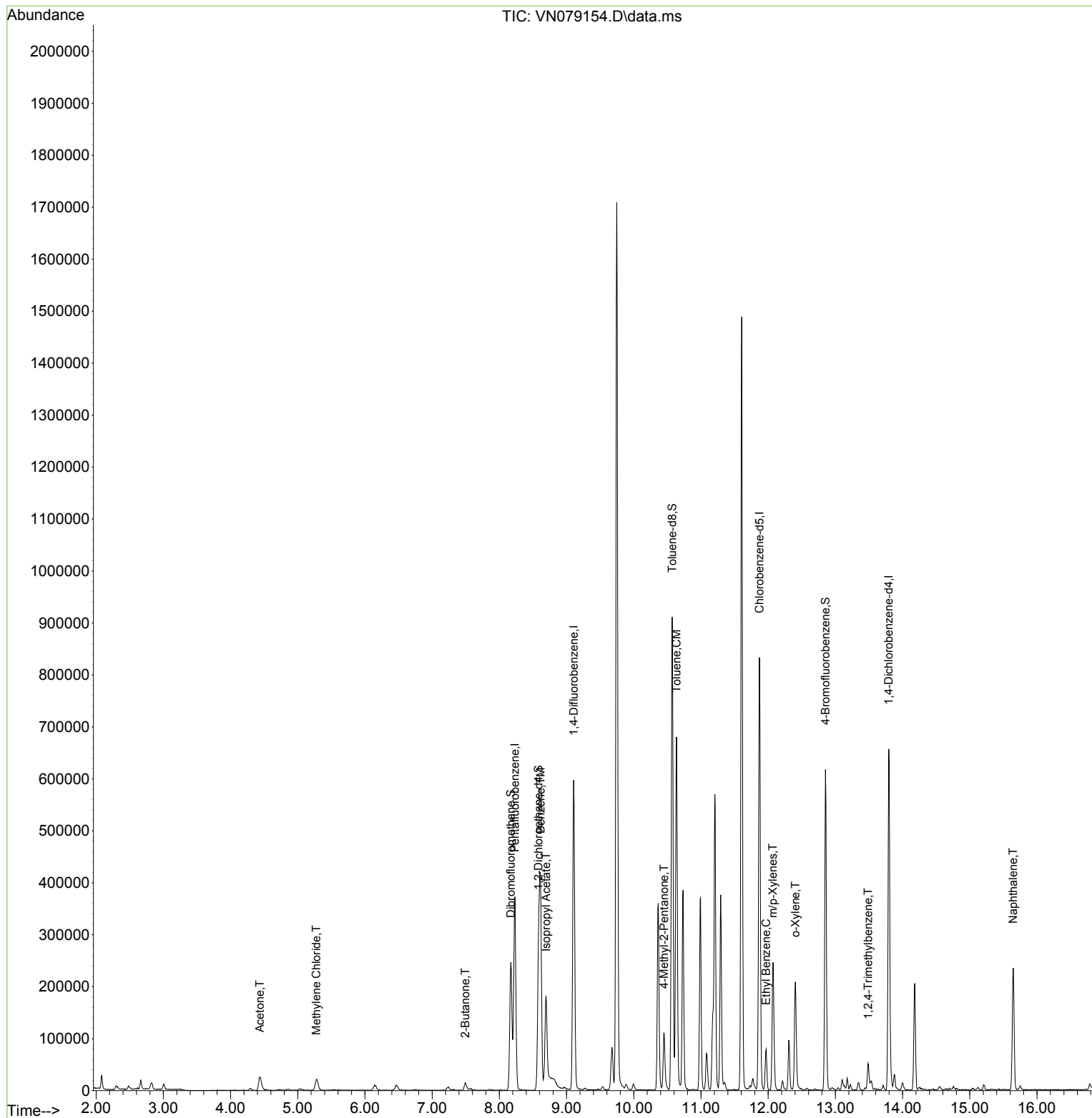
Internal Standards						
1) Pentafluorobenzene	8.230	168	275516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	517681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	495585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	180687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	203729	47.520	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.040%		
35) Dibromofluoromethane	8.171	113	178292	51.163	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.320%		
50) Toluene-d8	10.571	98	641499	49.578	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.160%		
62) 4-Bromofluorobenzene	12.853	95	215391	50.928	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.860%		
Target Compounds						
16) Acetone	4.436	43	51612	29.176	ug/l	97
20) Methylene Chloride	5.277	84	16813	4.460	ug/l #	92
25) 2-Butanone	7.494	43	24002	8.463	ug/l #	80
40) Benzene	8.612	78	377843	24.386	ug/l	99
43) Isopropyl Acetate	8.694	43	232758	22.453	ug/l #	77
51) 4-Methyl-2-Pentanone	10.453	43	77107	12.541	ug/l	88
52) Toluene	10.635	92	296317	31.149	ug/l	98
67) Ethyl Benzene	11.970	91	43385	2.262	ug/l	98
68) m/p-Xylenes	12.070	106	77726	10.837	ug/l	95
69) o-Xylene	12.406	106	51380	7.364	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	31836	2.693	ug/l	91
95) Naphthalene	15.647	128	219582	27.588	ug/l	99

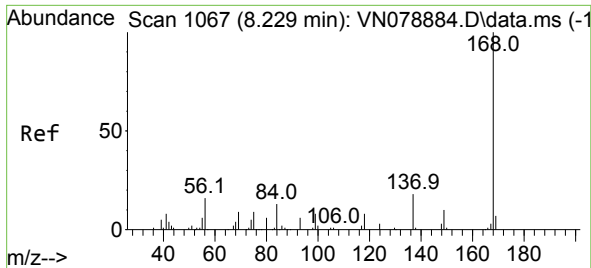
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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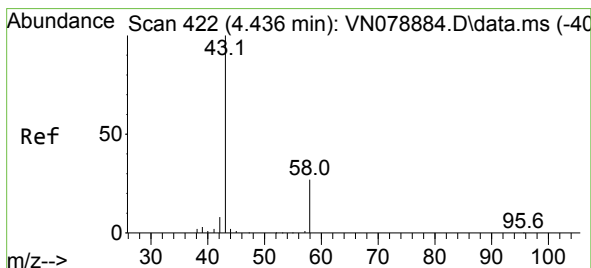
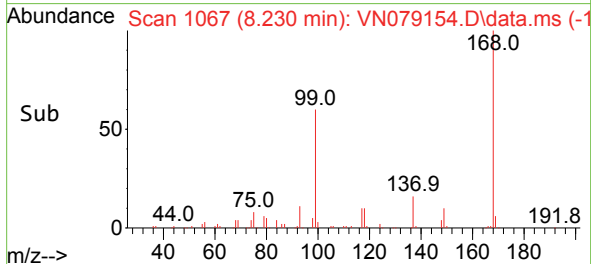
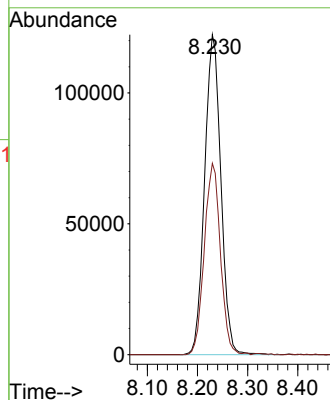
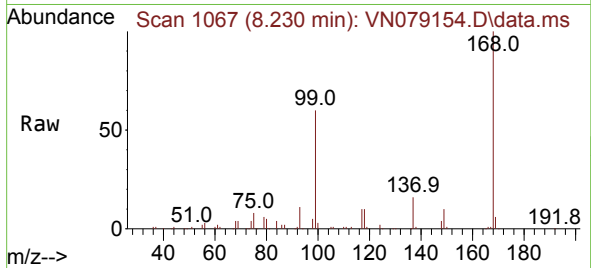




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079154.D
Acq: 02 Sep 2023 19:35

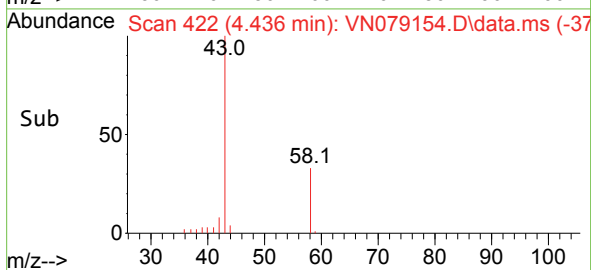
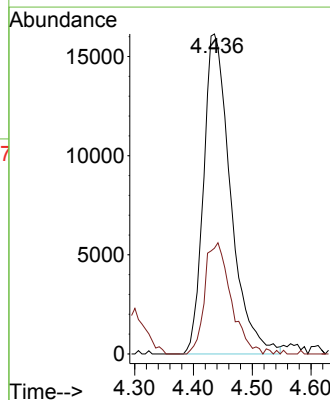
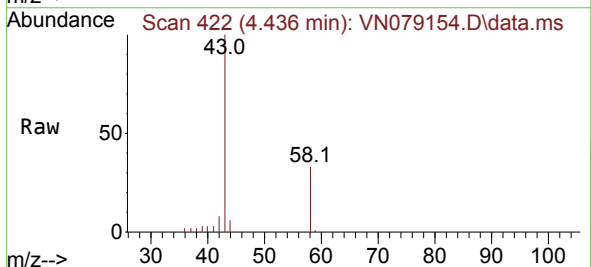
Instrument :
MSVOA_N
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SB-11

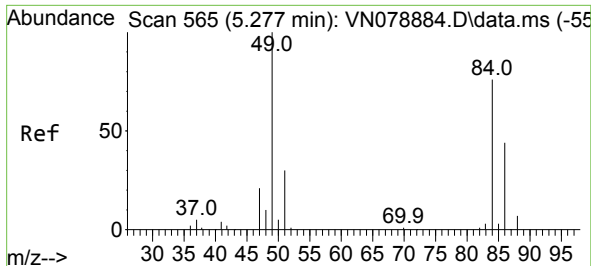
Tgt Ion:168 Resp: 275516
Ion Ratio Lower Upper
168 100
99 59.8 53.0 79.6



#16
Acetone
Concen: 29.176 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079154.D
Acq: 02 Sep 2023 19:35

Tgt Ion: 43 Resp: 51612
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0

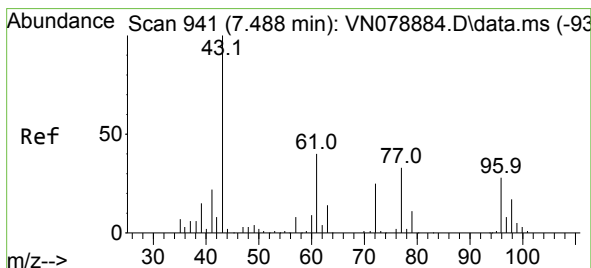
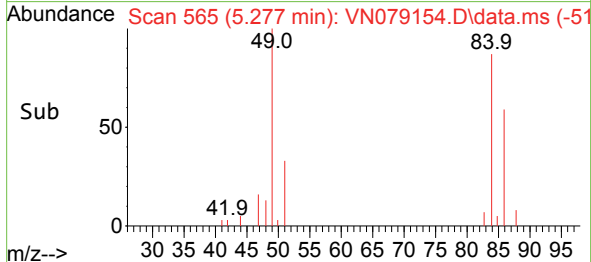
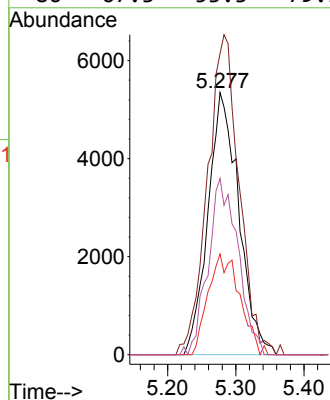
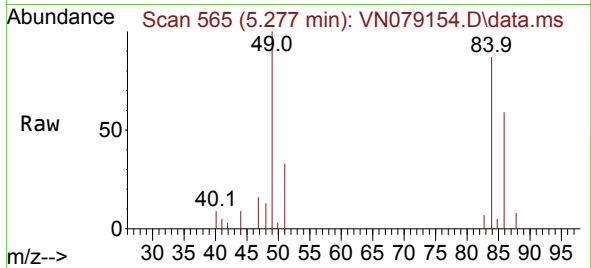




#20
Methylene Chloride
Concen: 4.460 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079154.D
Acq: 02 Sep 2023 19:35

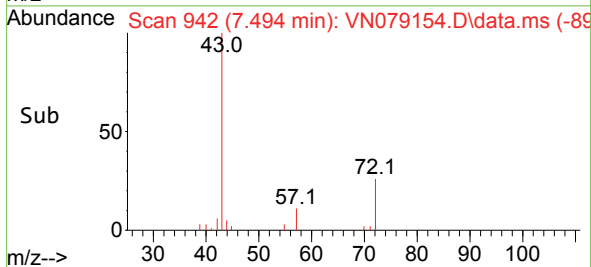
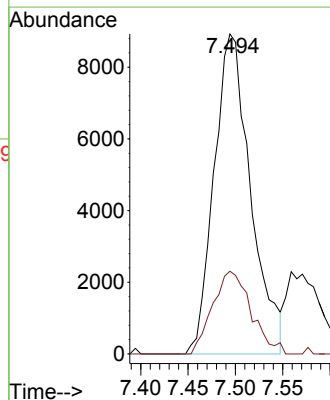
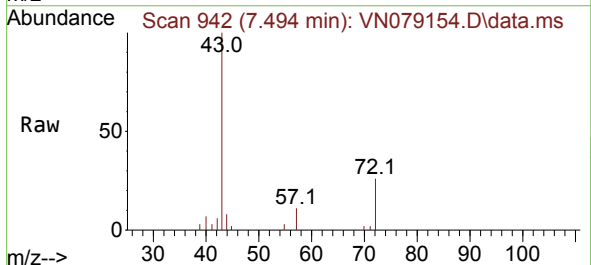
Instrument :
MSVOA_N
ClientSampleId :
SB-11

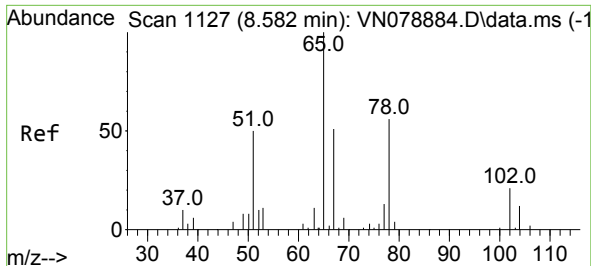
Tgt Ion:	84	Resp:	16813
Ion	Ratio	Lower	Upper
84	100		
49	111.2	79.7	119.5
51	38.4	25.2	37.8#
86	67.3	53.3	79.9



#25
2-Butanone
Concen: 8.463 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079154.D
Acq: 02 Sep 2023 19:35

Tgt Ion:	43	Resp:	24002
Ion	Ratio	Lower	Upper
43	100		
72	25.8	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 47.520 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079154.D

Acq: 02 Sep 2023 19:35

Instrument :

MSVOA_N

ClientSampleId :

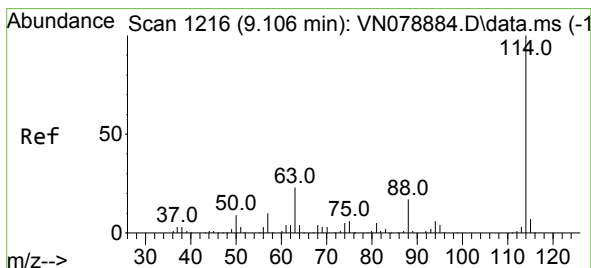
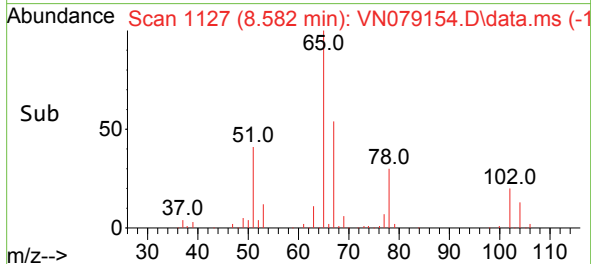
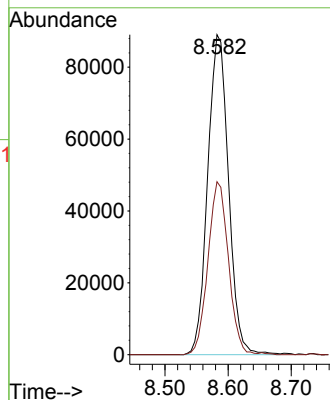
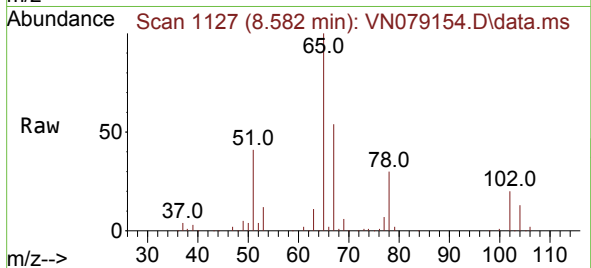
SB-11

Tgt Ion: 65 Resp: 203729

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: VN079154.D

Acq: 02 Sep 2023 19:35

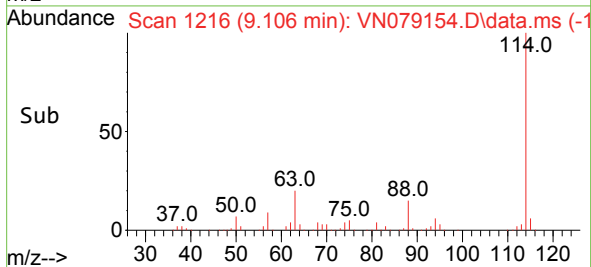
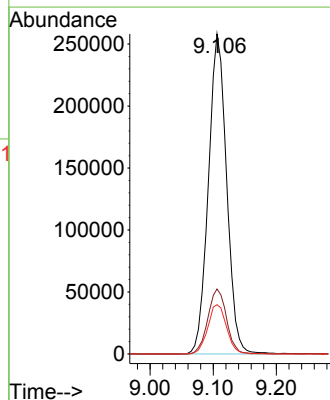
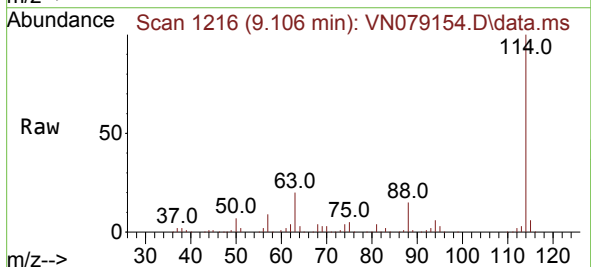
Tgt Ion: 114 Resp: 517681

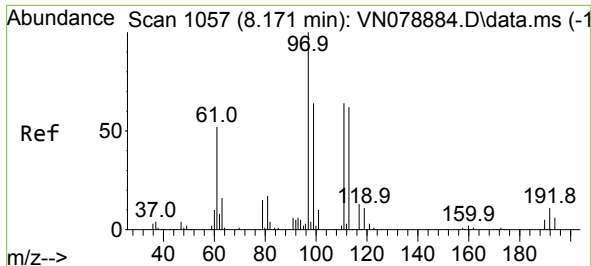
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 15.4 0.0 30.6

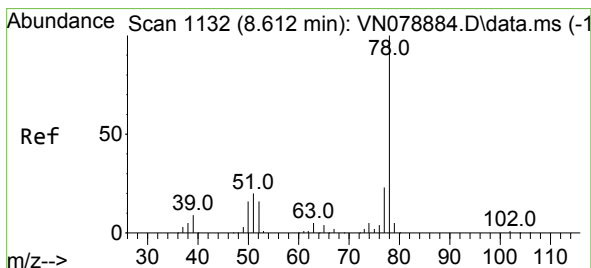
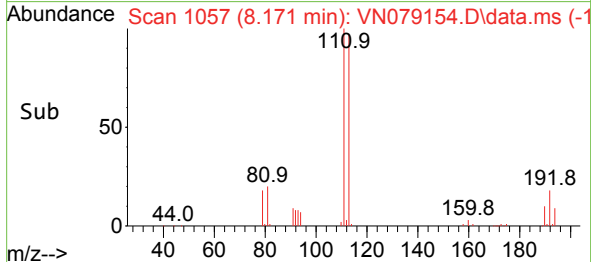
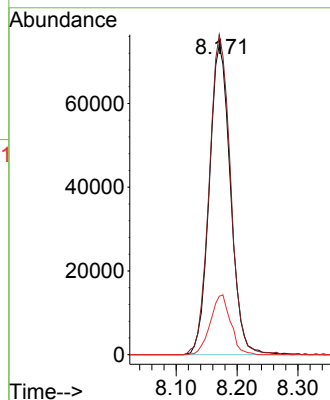
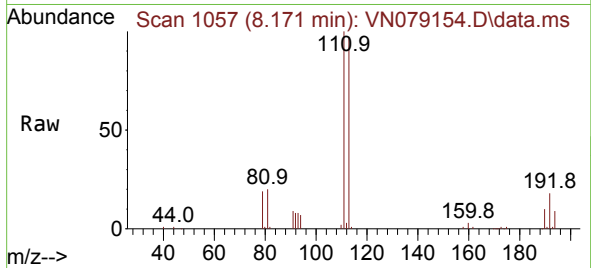




#35
Dibromofluoromethane
Concen: 51.163 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079154.D
Acq: 02 Sep 2023 19:35

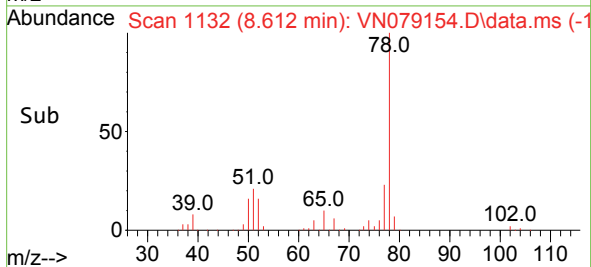
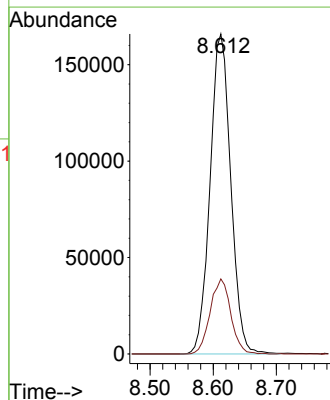
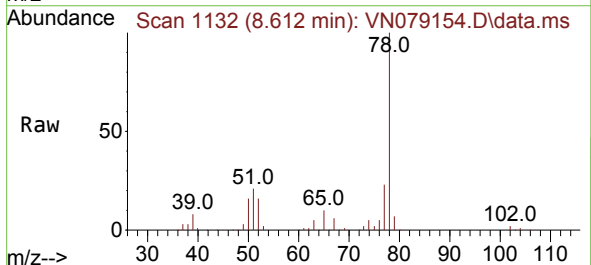
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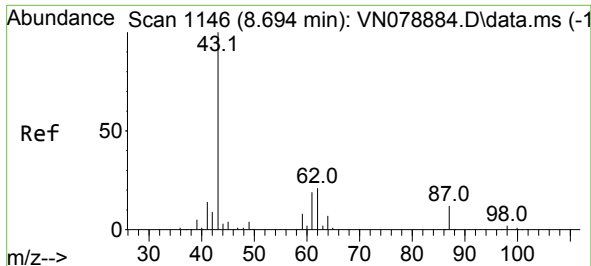
Tgt Ion:113 Resp: 178292
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 18.5 12.7 19.1



#40
Benzene
Concen: 24.386 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079154.D
Acq: 02 Sep 2023 19:35

Tgt Ion: 78 Resp: 377843
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

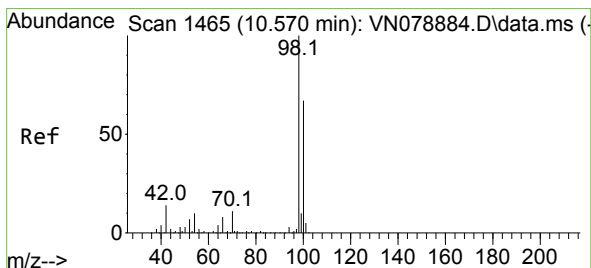
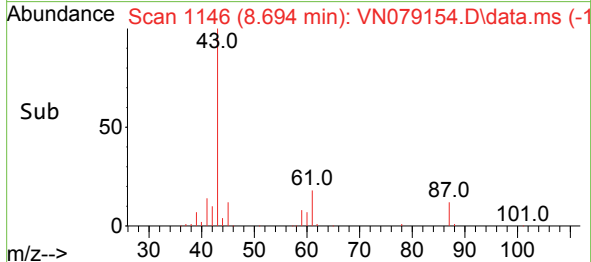
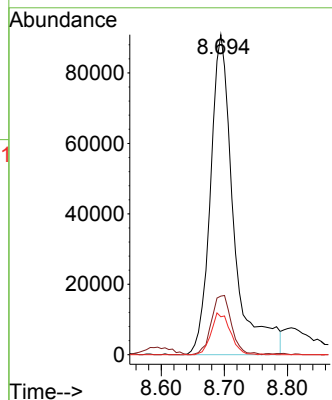
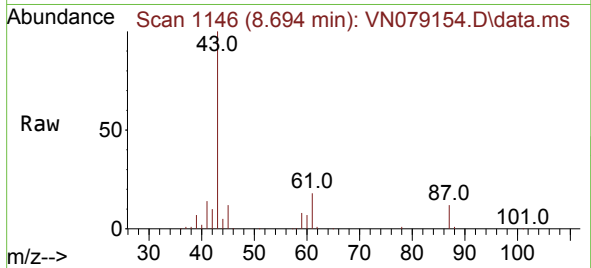




#43
Isopropyl Acetate
Concen: 22.453 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079154.D
Acq: 02 Sep 2023 19:35

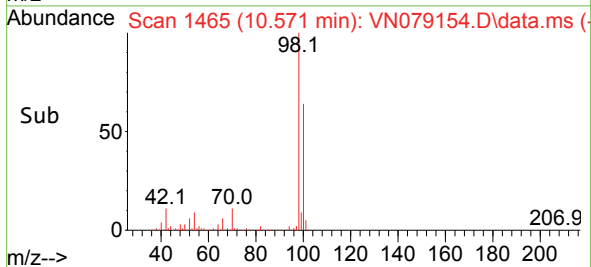
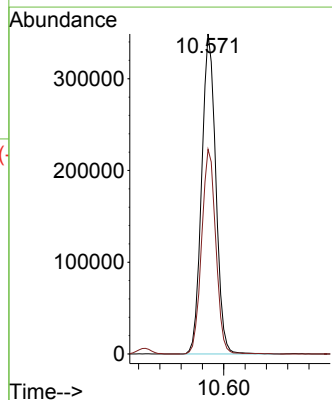
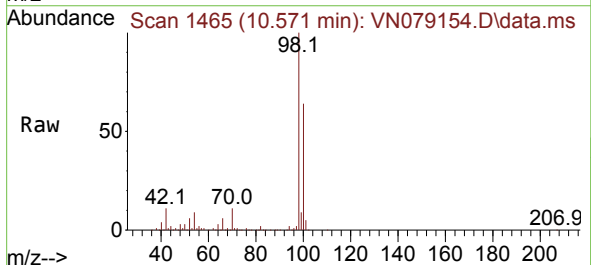
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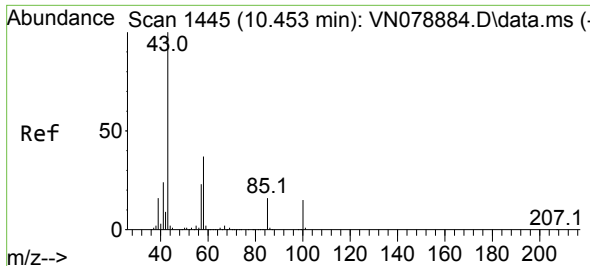
Tgt Ion: 43 Resp: 232758
Ion Ratio Lower Upper
43 100
61 16.0 24.7 37.1#
87 10.7 14.6 21.8#



#50
Toluene-d8
Concen: 49.578 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079154.D
Acq: 02 Sep 2023 19:35

Tgt Ion: 98 Resp: 641499
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

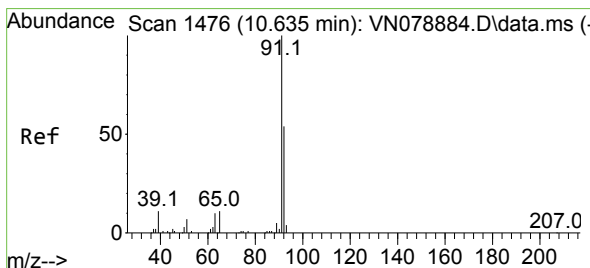
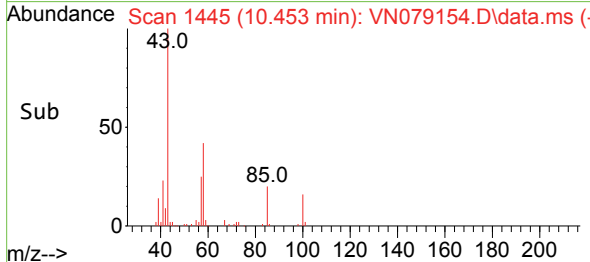
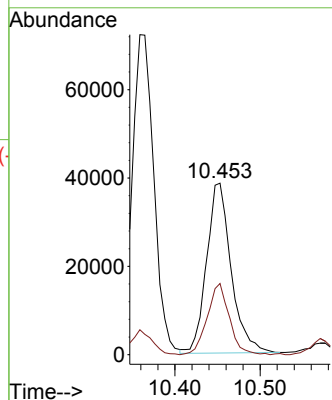
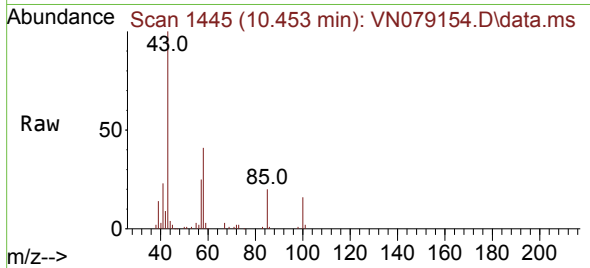




#51
4-Methyl-2-Pentanone
Concen: 12.541 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079154.D
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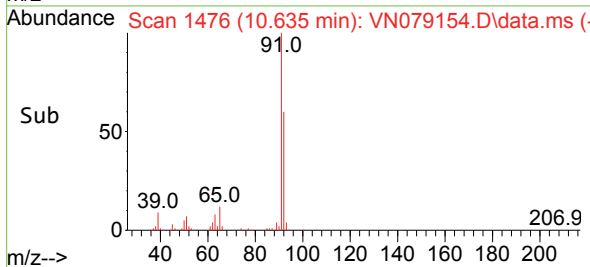
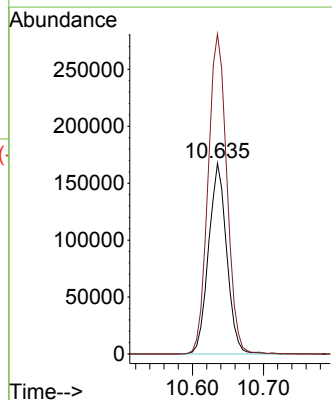
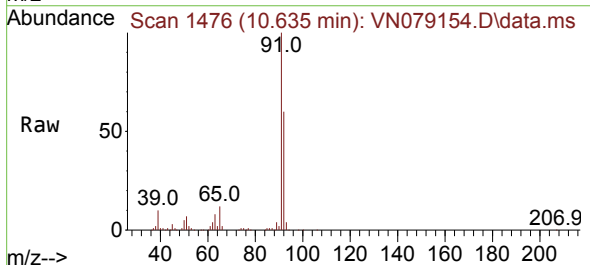
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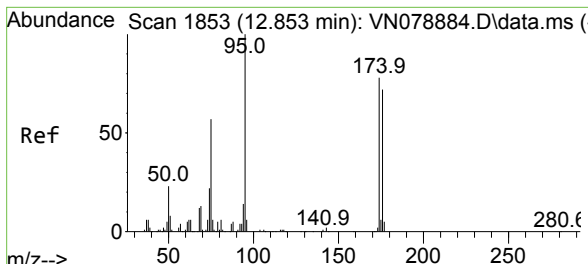
Tgt Ion: 43 Resp: 77107
Ion Ratio Lower Upper
43 100
58 37.6 36.6 54.8



#52
Toluene
Concen: 31.149 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079154.D
Acq: 02 Sep 2023 19:35

Tgt Ion: 92 Resp: 296317
Ion Ratio Lower Upper
92 100
91 174.4 137.4 206.0

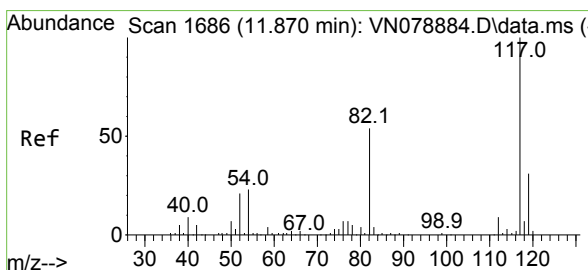
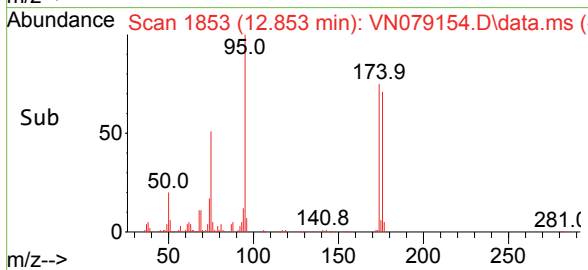
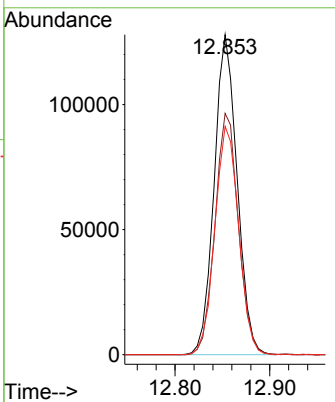
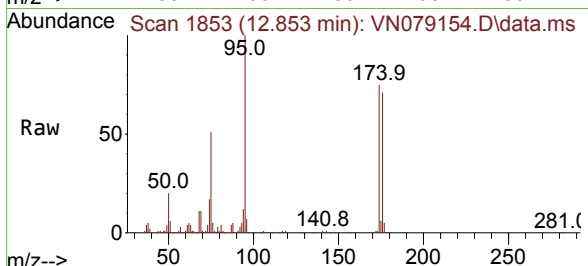




#62
 4-Bromofluorobenzene
 Concen: 50.928 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN079154.D
 Acq: 02 Sep 2023 19:35

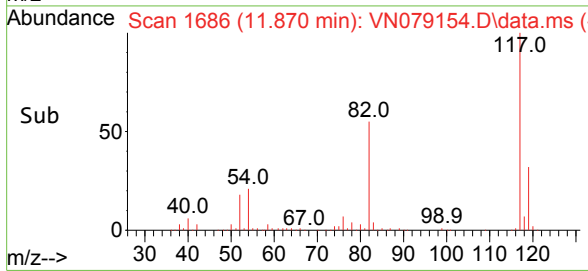
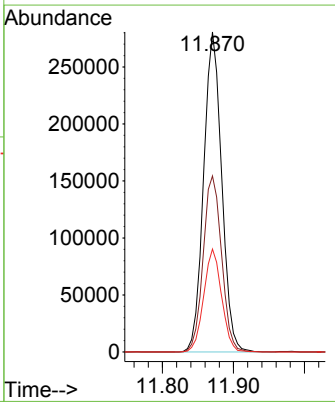
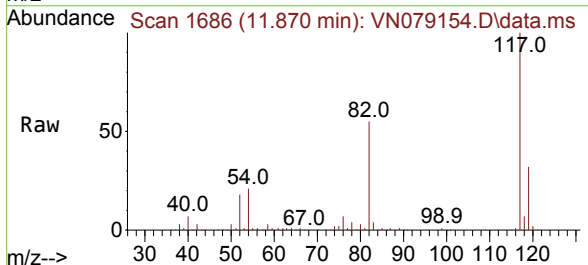
Instrument :
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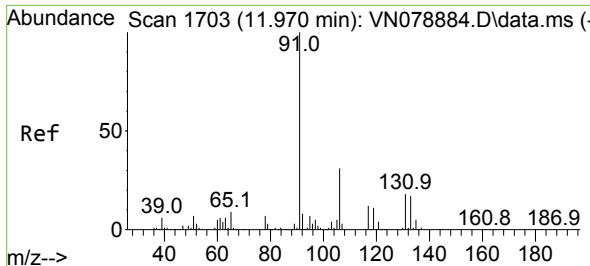
Tgt Ion:	95	Resp:	215391
Ion Ratio	Lower	Upper	
95	100		
174	76.8	0.0	143.8
176	74.0	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. -0.001 min
 Lab File: VN079154.D
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Tgt Ion:	117	Resp:	495585
Ion Ratio	Lower	Upper	
117	100		
82	55.0	44.0	66.0
119	32.1	25.6	38.4

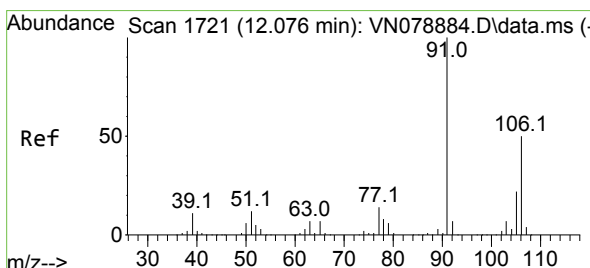
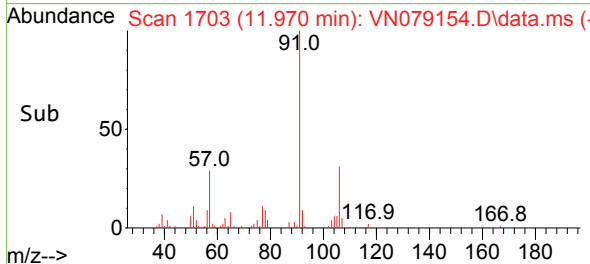
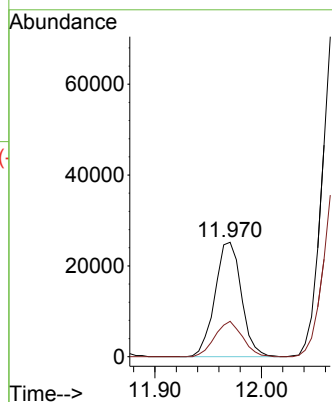
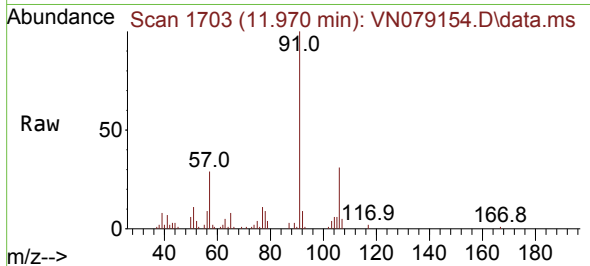




#67
Ethyl Benzene
Concen: 2.262 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079154.D
Acq: 02 Sep 2023 19:35

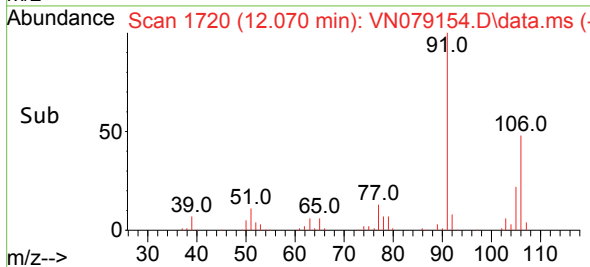
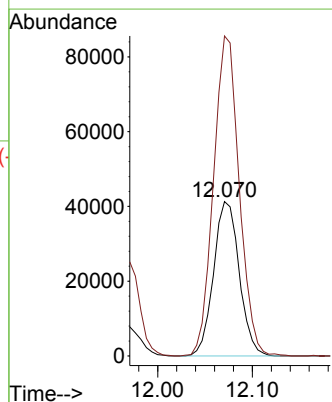
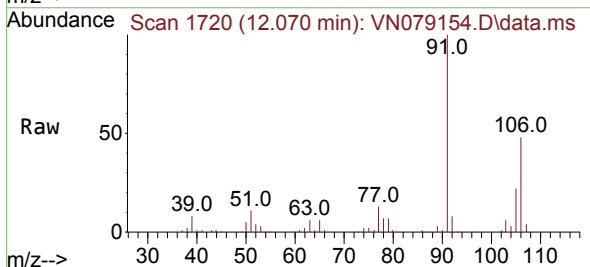
Instrument :
MSVOA_N
ClientSampleId :
SB-11

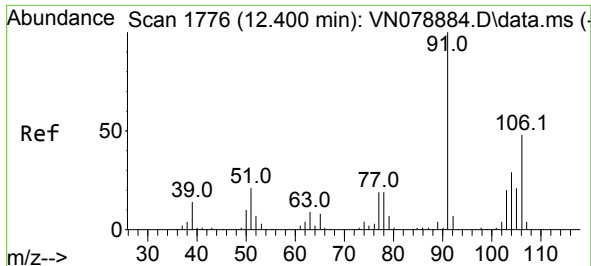
Tgt Ion: 91 Resp: 43385
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4



#68
m/p-Xylenes
Concen: 10.837 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079154.D
Acq: 02 Sep 2023 19:35

Tgt Ion: 106 Resp: 77726
Ion Ratio Lower Upper
106 100
91 207.8 159.6 239.4

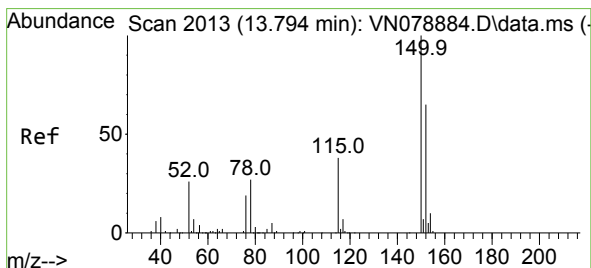
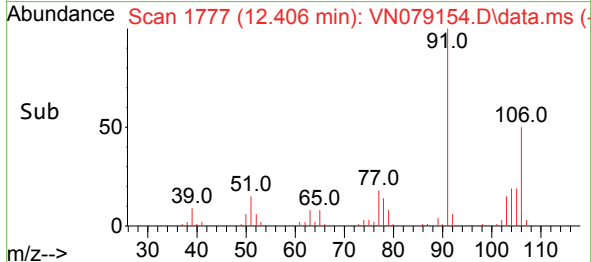
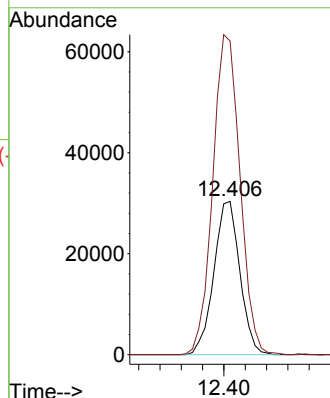
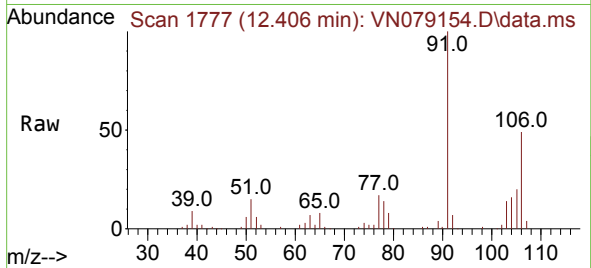




#69
o-Xylene
Concen: 7.364 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079154.D
Acq: 02 Sep 2023 19:35

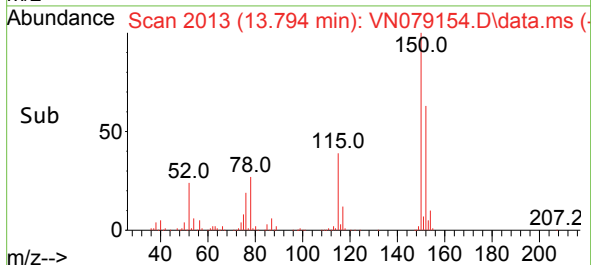
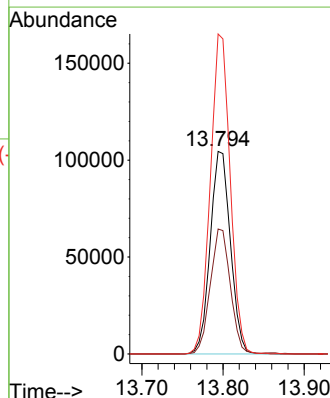
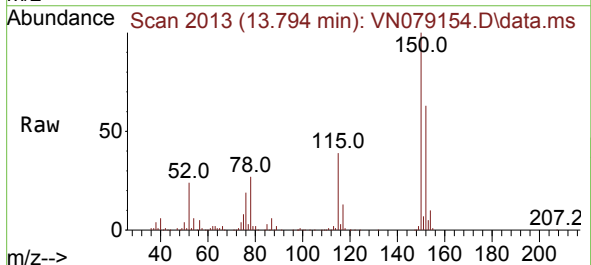
Instrument :
MSVOA_N
ClientSampleId :
SB-11

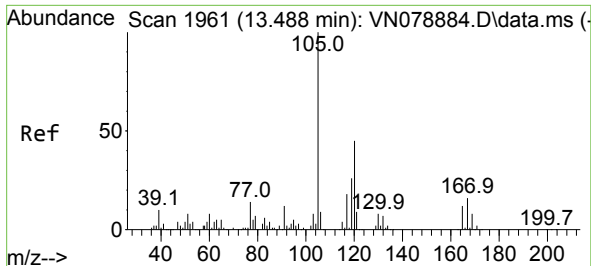
Tgt Ion:106 Resp: 51380
Ion Ratio Lower Upper
106 100
91 218.8 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079154.D
Acq: 02 Sep 2023 19:35

Tgt Ion:152 Resp: 180687
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 155.2 0.0 355.8

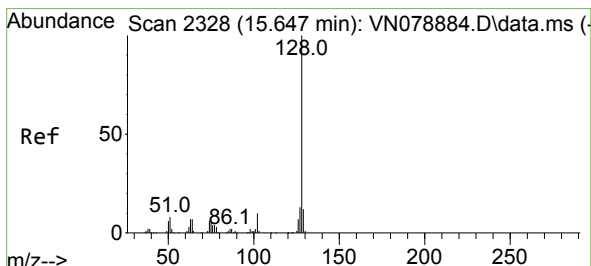
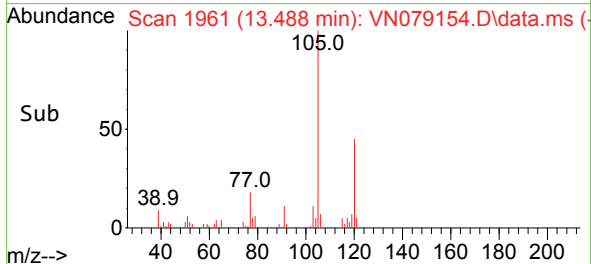
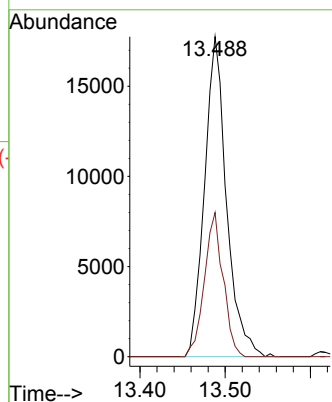
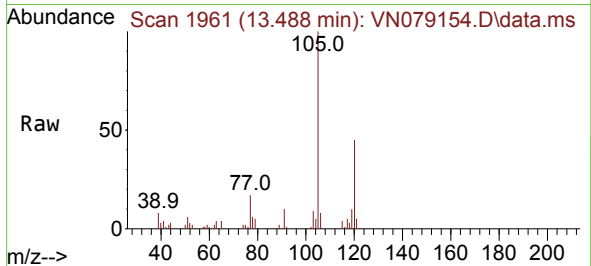




#84
1,2,4-Trimethylbenzene
Concen: 2.693 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079154.D
Acq: 02 Sep 2023 19:35

Instrument :
MSVOA_N
ClientSampleId :
SB-11

Tgt Ion:105 Resp: 31836
Ion Ratio Lower Upper
105 100
120 38.3 22.0 66.0



#95
Naphthalene
Concen: 27.588 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079154.D
Acq: 02 Sep 2023 19:35

Tgt Ion:128 Resp: 219582
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.7 8.7 13.1

