

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079952.D
 Acq On : 07 Nov 2023 07:41
 Operator : JC\MD
 Sample : 05107-35
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1047

Quant Time: Nov 07 12:31:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	268850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	579036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	631439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	244533	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	245244	59.874	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.740%
35) Dibromofluoromethane	8.171	113	200961	49.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.080%
50) Toluene-d8	10.571	98	773108	51.244	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.480%
62) 4-Bromofluorobenzene	12.853	95	266631	53.288	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.580%

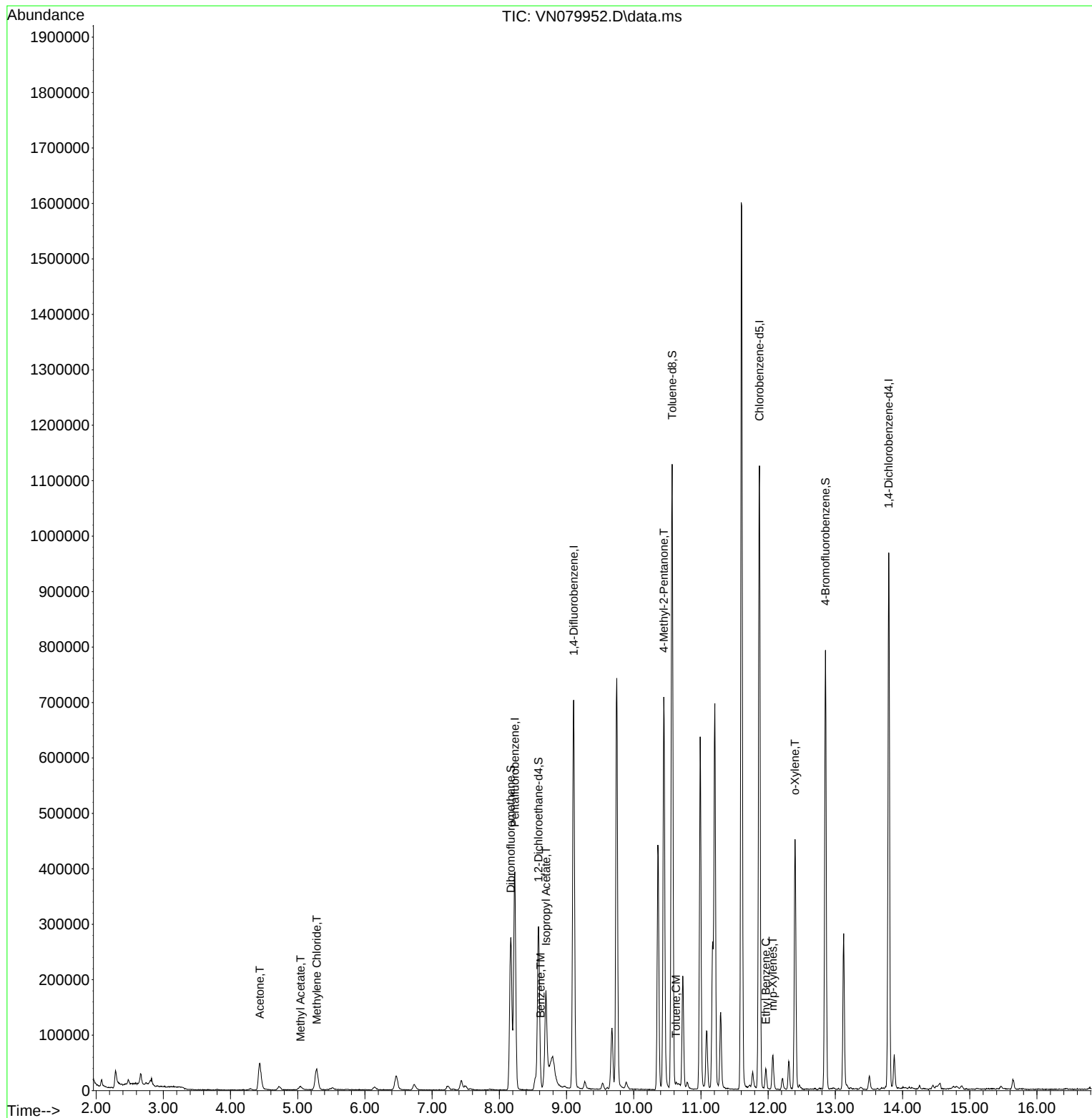
Target Compounds					Qvalue	
16) Acetone	4.436	43	90859	63.151	ug/l	98
18) Methyl Acetate	5.042	43	13601	1.976	ug/l #	61
20) Methylene Chloride	5.283	84	29613	8.157	ug/l #	80
40) Benzene	8.612	78	4620	0.264	ug/l	98
43) Isopropyl Acetate	8.694	43	209193	22.228	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	484667	91.473	ug/l	88
52) Toluene	10.630	92	4294	0.413	ug/l	83
67) Ethyl Benzene	11.965	91	14729	0.617	ug/l	95
68) m/p-Xylenes	12.071	106	19082	2.147	ug/l	95
69) o-Xylene	12.400	106	119014	13.903	ug/l	89

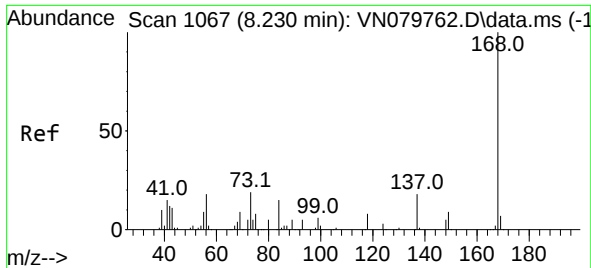
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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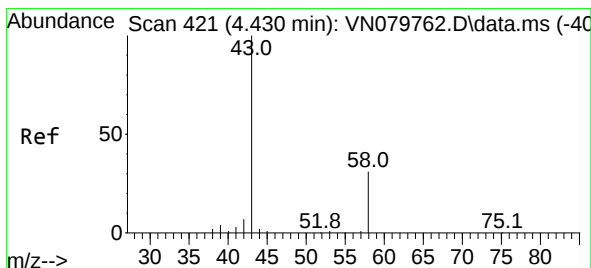
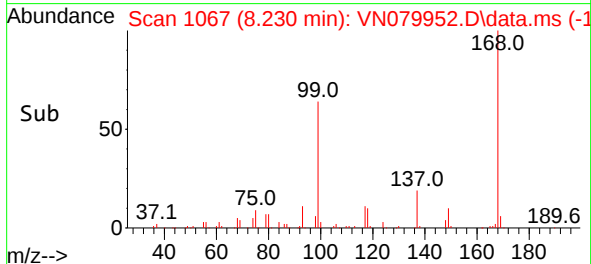
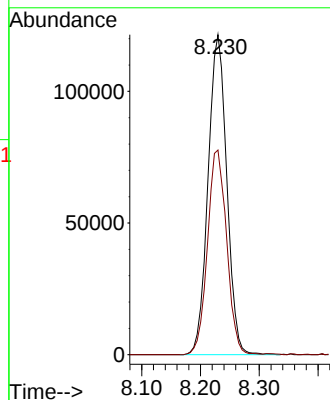
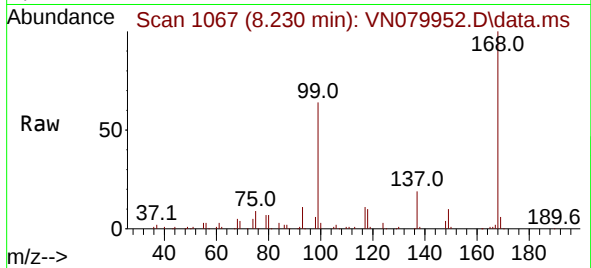




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079952.D
Acq: 07 Nov 2023 07:41

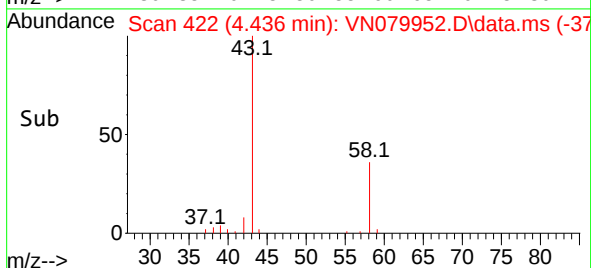
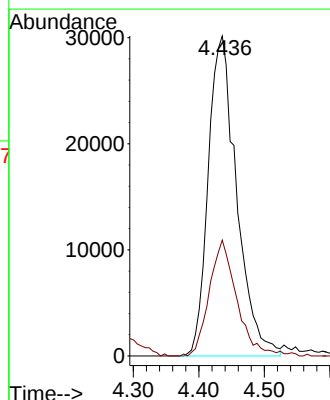
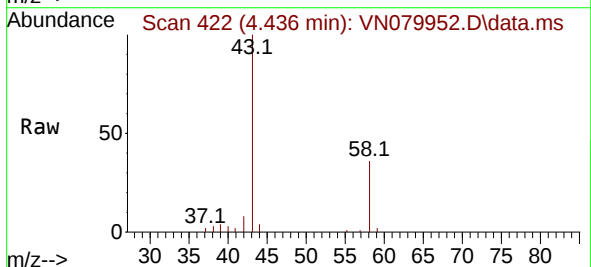
Instrument :
MSVOA_N
ClientSampleId :
1047

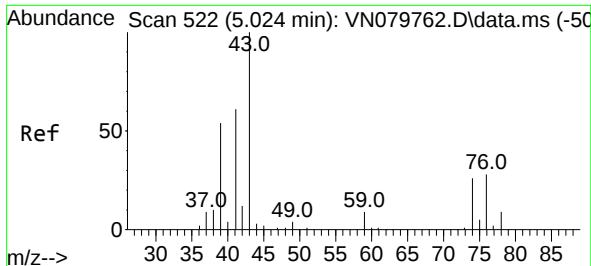
Tgt Ion:168 Resp: 268850
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6



#16
Acetone
Concen: 63.151 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079952.D
Acq: 07 Nov 2023 07:41

Tgt Ion: 43 Resp: 90859
Ion Ratio Lower Upper
43 100
58 36.2 28.0 42.0

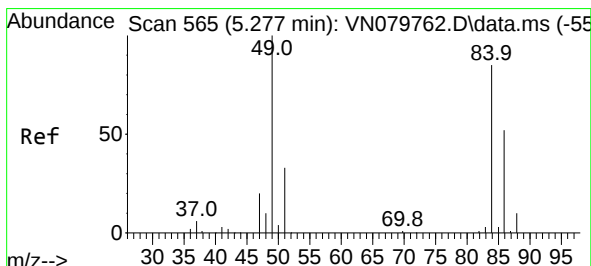
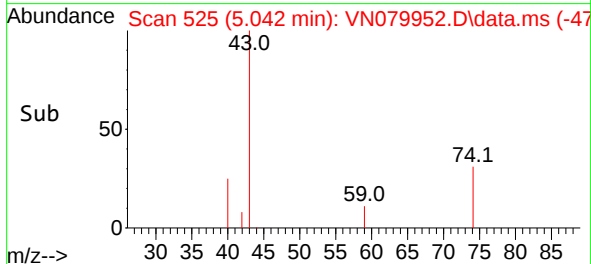
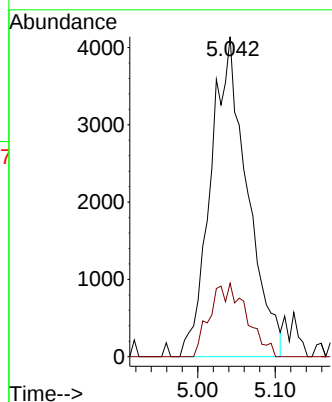
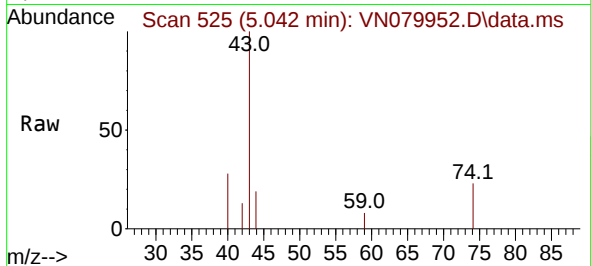




#18
Methyl Acetate
Concen: 1.976 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN079952.D
Acq: 07 Nov 2023 07:41

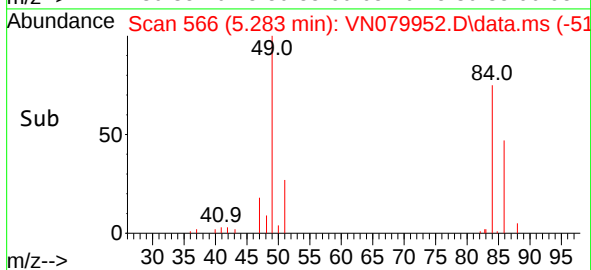
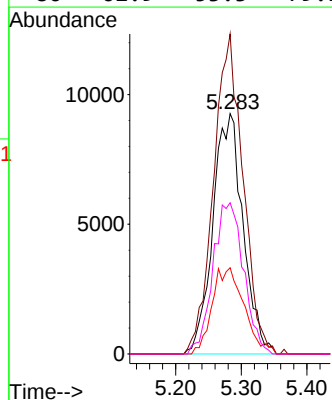
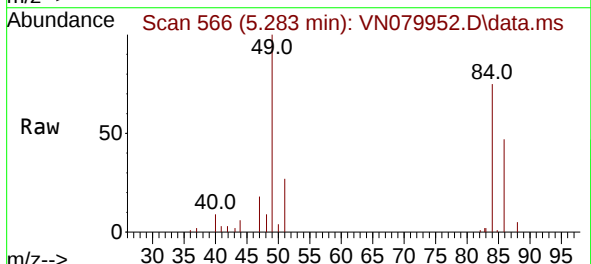
Instrument :
MSVOA_N
ClientSampleId :
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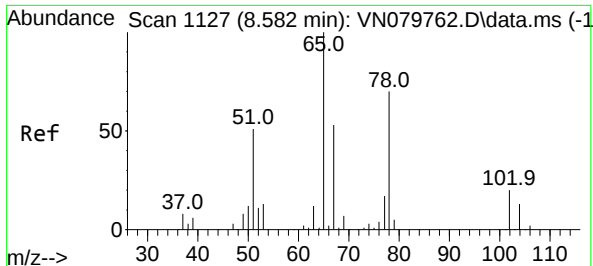
Tgt Ion: 43 Resp: 13601
Ion Ratio Lower Upper
43 100
74 10.7 26.2 39.4#



#20
Methylene Chloride
Concen: 8.157 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079952.D
Acq: 07 Nov 2023 07:41

Tgt Ion: 84 Resp: 29613
Ion Ratio Lower Upper
84 100
49 133.1 79.7 119.5#
51 35.9 25.2 37.8
86 62.9 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 59.874 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079952.D

Acq: 07 Nov 2023 07:41

Instrument :

MSVOA_N

ClientSampleId :

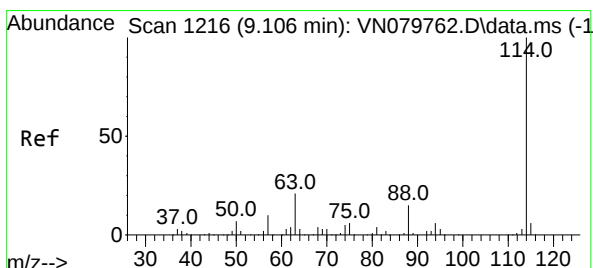
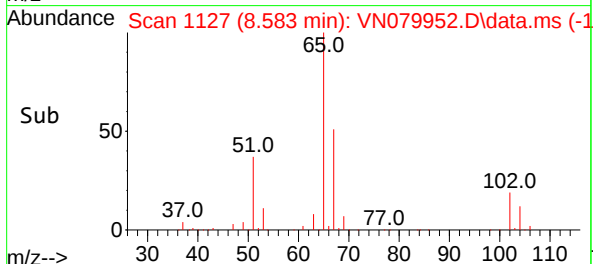
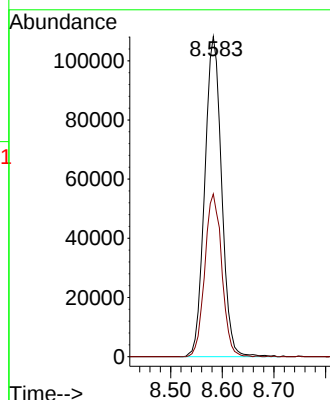
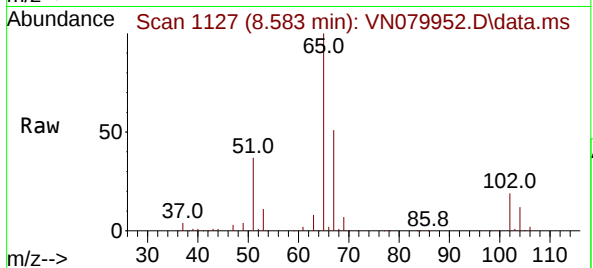
1047

Tgt Ion: 65 Resp: 245244

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079952.D

Acq: 07 Nov 2023 07:41

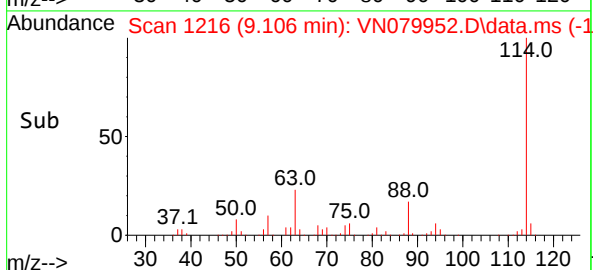
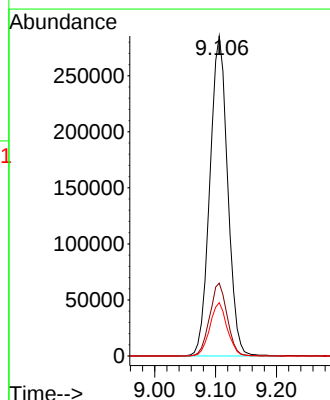
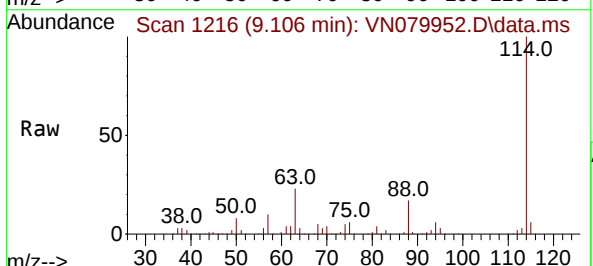
Tgt Ion: 114 Resp: 579036

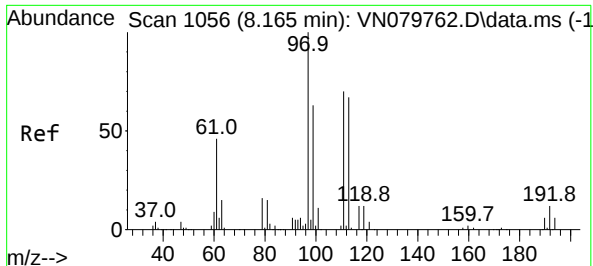
Ion Ratio Lower Upper

114 100

63 22.7 0.0 36.4

88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.037 ug/l

RT: 8.171 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VN079952.D

Acq: 07 Nov 2023 07:41

Instrument :

MSVOA_N

ClientSampleId :

1047

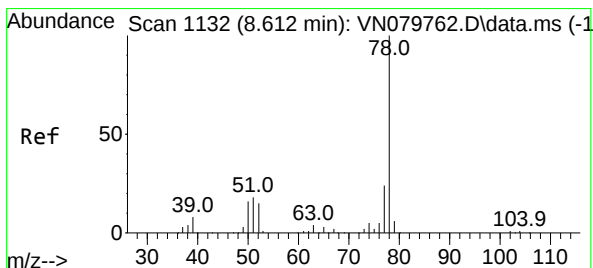
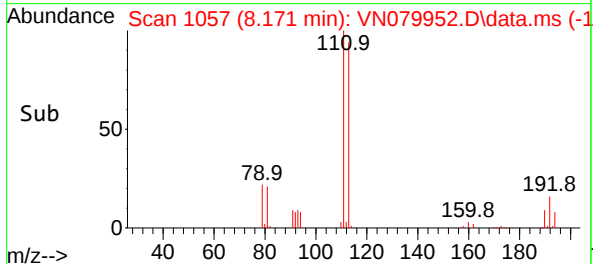
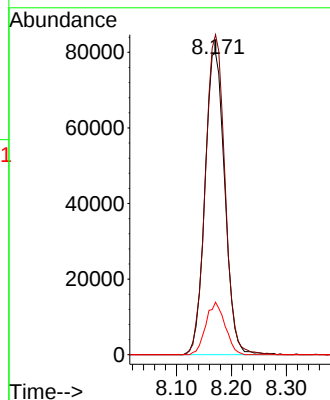
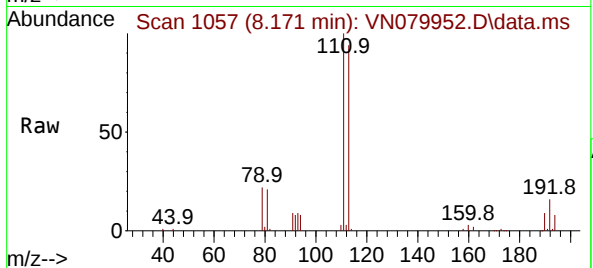
Tgt Ion:113 Resp: 200961

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 16.8 12.7 19.1



#40

Benzene

Concen: 0.264 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079952.D

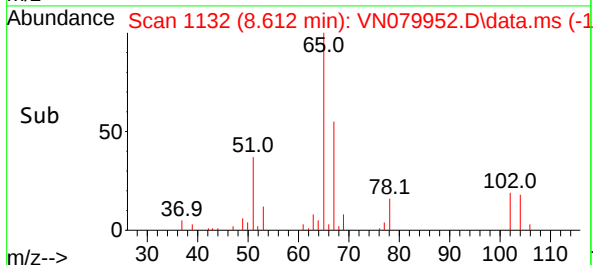
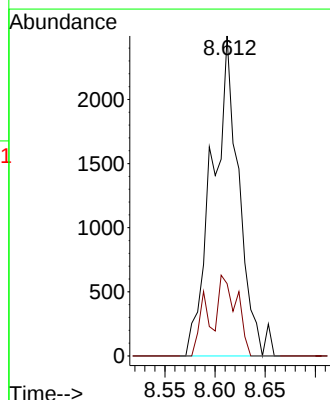
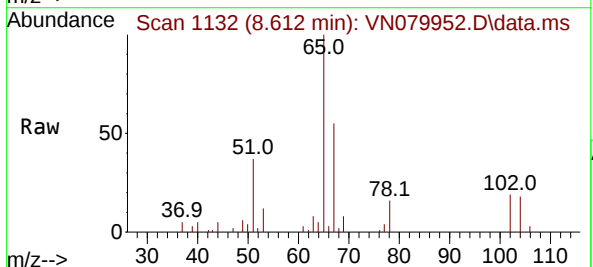
Acq: 07 Nov 2023 07:41

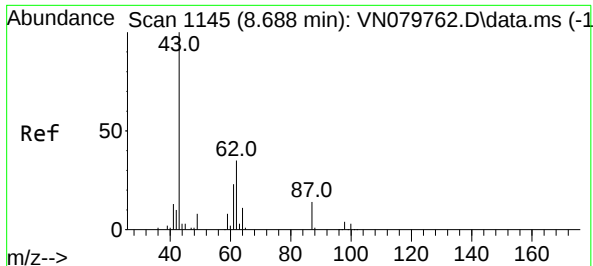
Tgt Ion: 78 Resp: 4620

Ion Ratio Lower Upper

78 100

77 22.6 19.0 28.6





#43

Isopropyl Acetate

Concen: 22.228 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079952.D

Acq: 07 Nov 2023 07:41

Instrument :

MSVOA_N

ClientSampleId :

1047

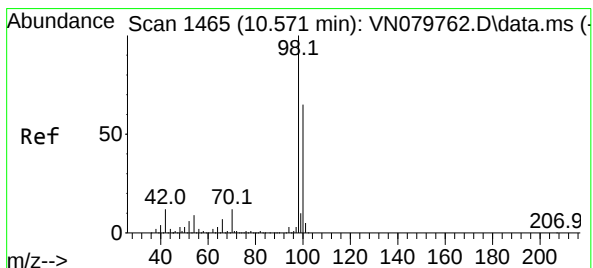
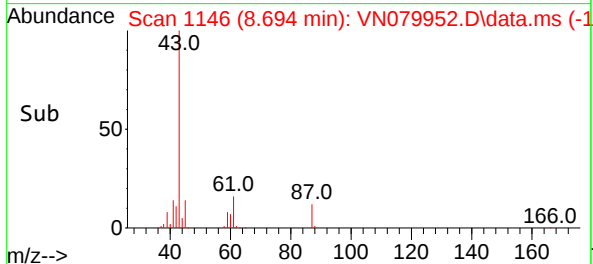
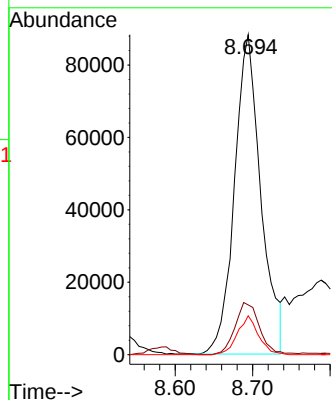
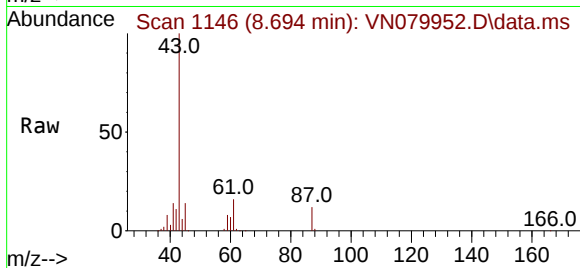
Tgt Ion: 43 Resp: 209193

Ion Ratio Lower Upper

43 100

61 15.2 24.7 37.1#

87 9.7 14.6 21.8#



#50

Toluene-d8

Concen: 51.244 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079952.D

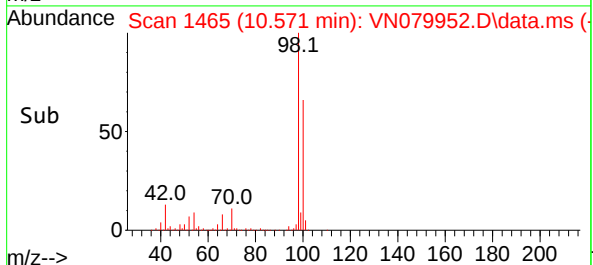
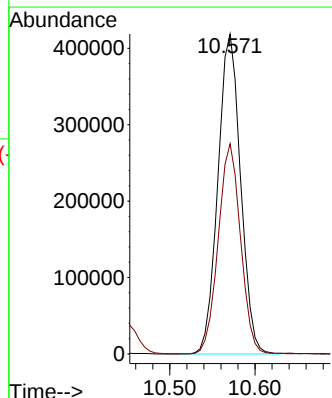
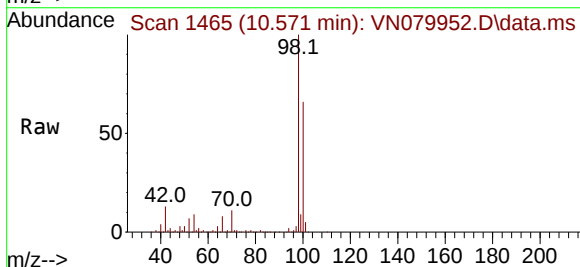
Acq: 07 Nov 2023 07:41

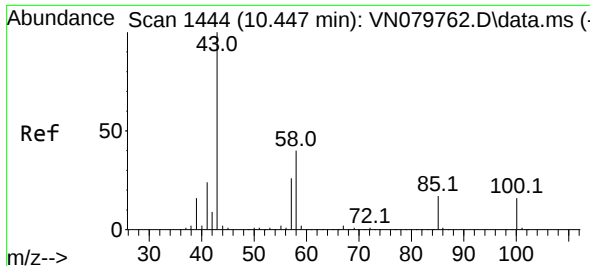
Tgt Ion: 98 Resp: 773108

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

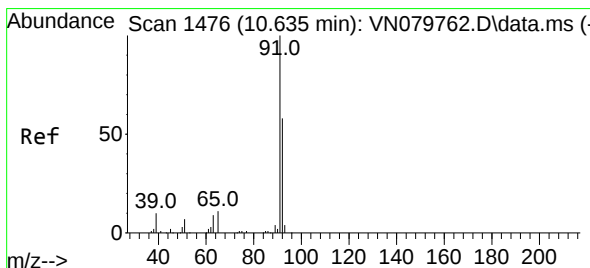
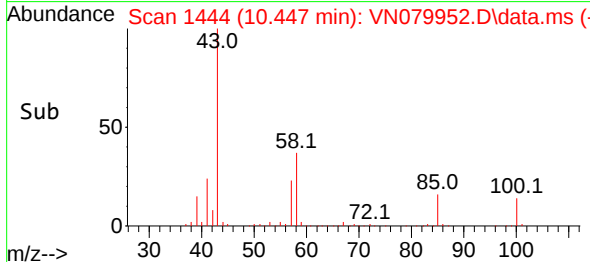
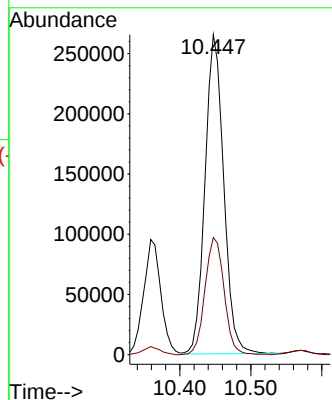
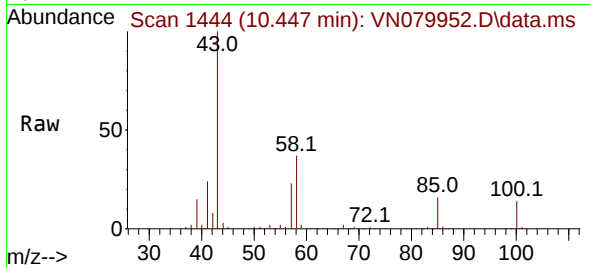




#51
4-Methyl-2-Pentanone
Concen: 91.473 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079952.D
Acq: 07 Nov 2023 07:41

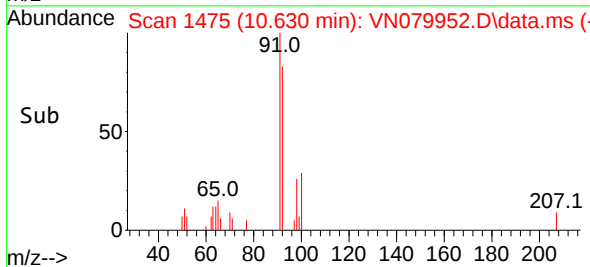
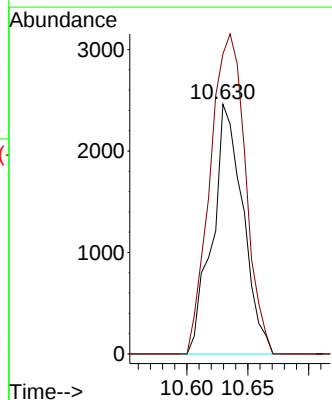
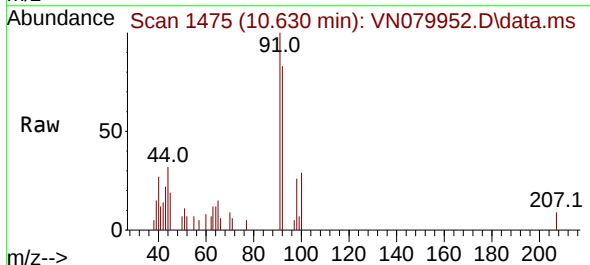
Instrument :
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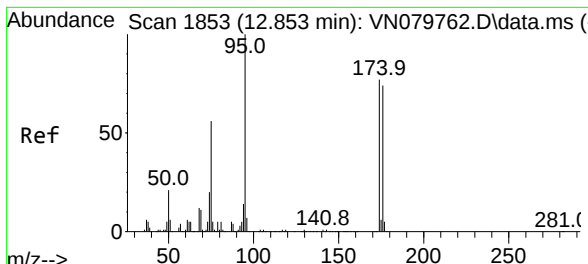
Tgt Ion: 43 Resp: 484667
Ion Ratio Lower Upper
43 100
58 37.6 36.6 54.8



#52
Toluene
Concen: 0.413 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN079952.D
Acq: 07 Nov 2023 07:41

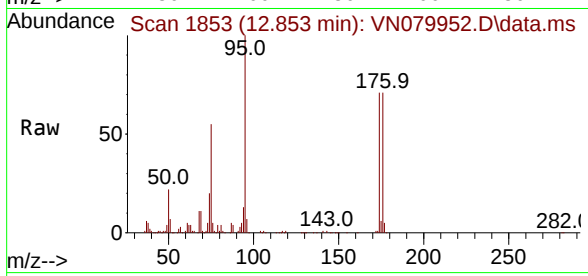
Tgt Ion: 92 Resp: 4294
Ion Ratio Lower Upper
92 100
91 148.1 137.4 206.0





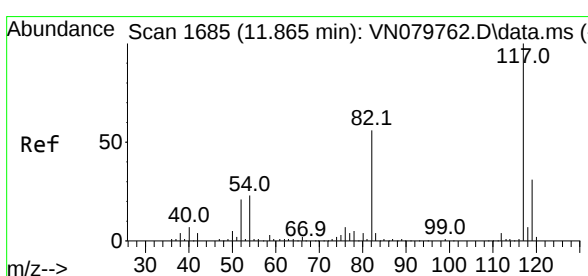
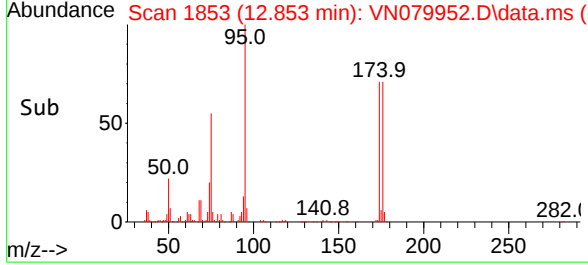
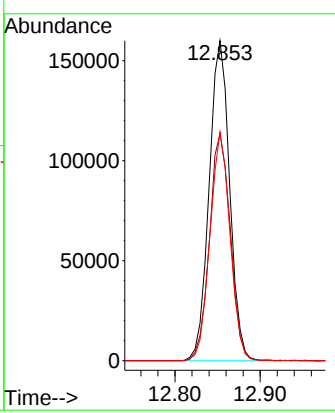
#62
 4-Bromofluorobenzene
 Concen: 53.288 ug/l
 RT: 12.853 min Scan# 11047
 Delta R.T. 0.000 min
 Lab File: VN079952.D
 Acq: 07 Nov 2023 07:41

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 95 Resp: 266631

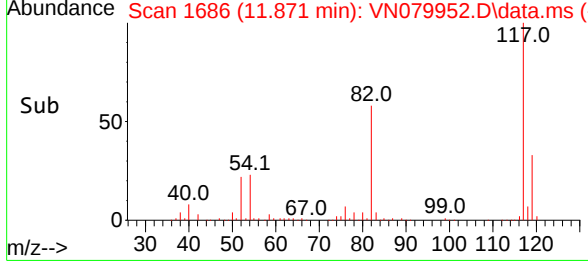
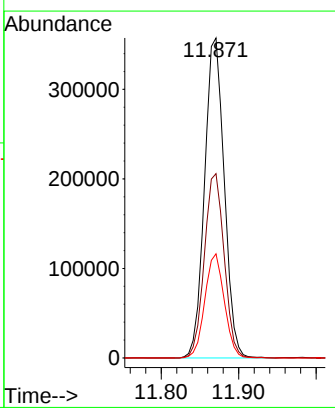
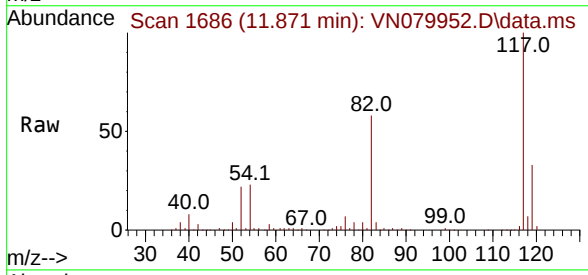
Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	143.8
176	70.0	0.0	135.8

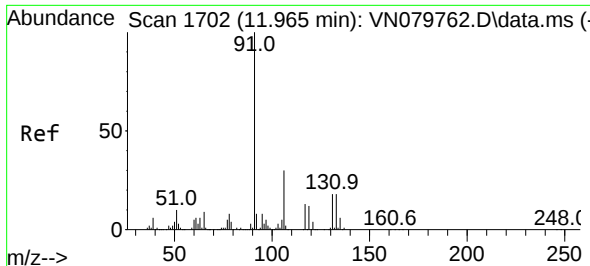


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079952.D
 Acq: 07 Nov 2023 07:41

Tgt Ion: 117 Resp: 631439

Ion	Ratio	Lower	Upper
117	100		
82	57.6	44.0	66.0
119	32.6	25.6	38.4





#67

Ethyl Benzene

Concen: 0.617 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN079952.D

Acq: 07 Nov 2023 07:41

Instrument :

MSVOA_N

ClientSampleId :

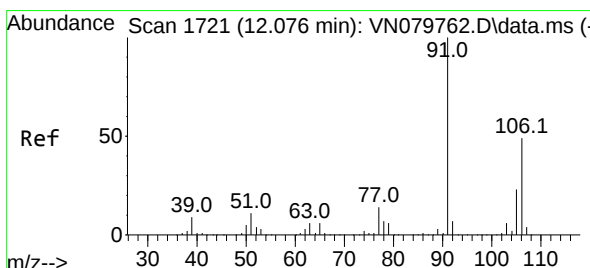
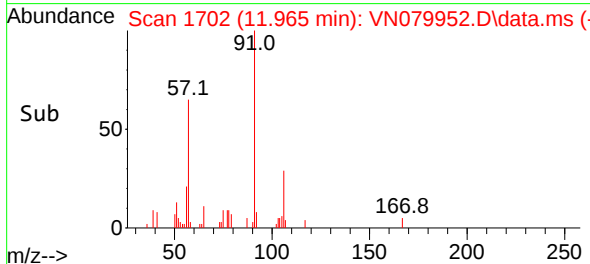
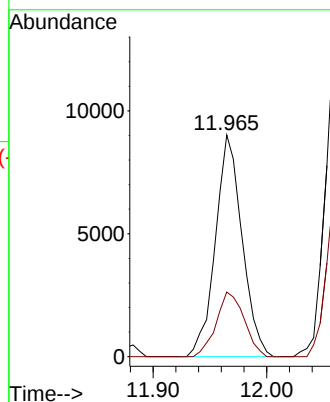
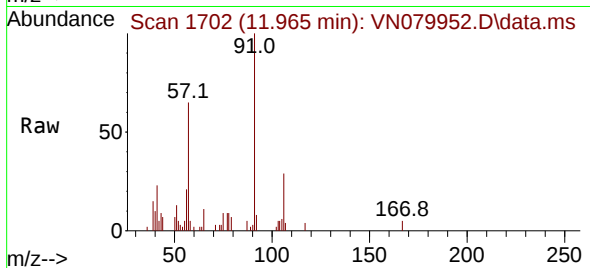
1047

Tgt Ion: 91 Resp: 14729

Ion Ratio Lower Upper

91 100

106 29.1 25.6 38.4



#68

m/p-Xylenes

Concen: 2.147 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN079952.D

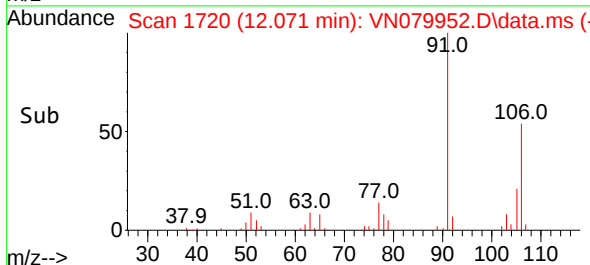
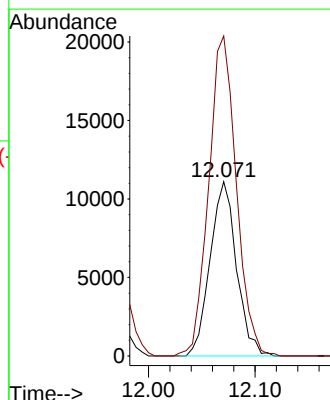
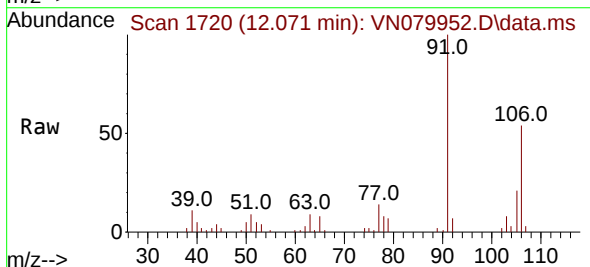
Acq: 07 Nov 2023 07:41

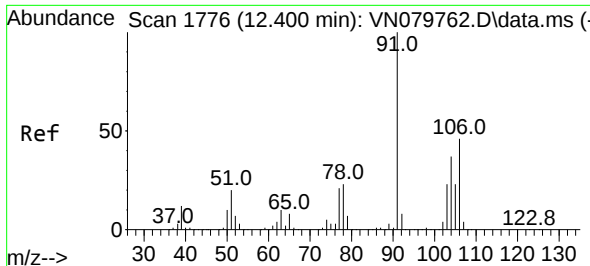
Tgt Ion: 106 Resp: 19082

Ion Ratio Lower Upper

106 100

91 192.3 159.6 239.4

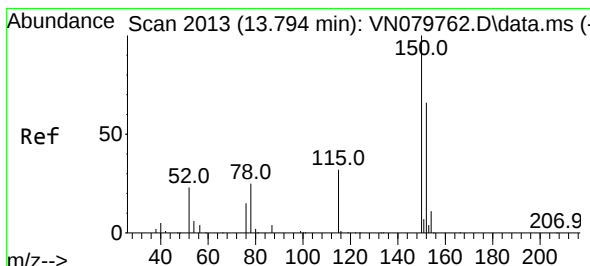
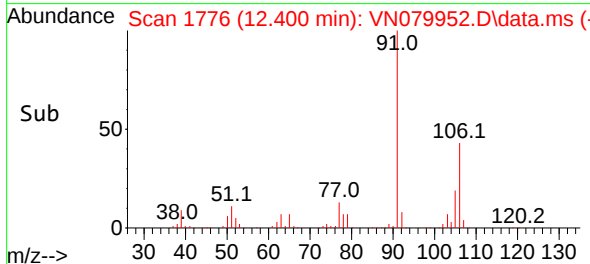
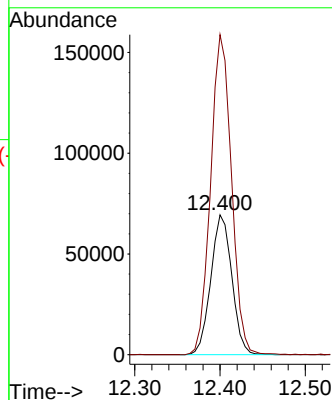
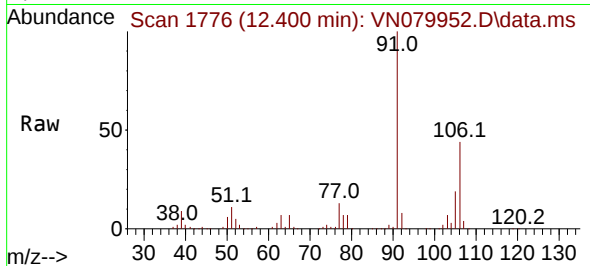




#69
o-Xylene
Concen: 13.903 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079952.D
Acq: 07 Nov 2023 07:41

Instrument :
MSVOA_N
ClientSampleId :
1047

Tgt Ion:106 Resp: 119014
Ion Ratio Lower Upper
106 100
91 227.5 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079952.D
Acq: 07 Nov 2023 07:41

Tgt Ion:152 Resp: 244533
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 161.1 0.0 355.8

