

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080156.D
 Acq On : 17 Nov 2023 12:30
 Operator : JC\MD
 Sample : 05253-04ME
 Misc : 5.79g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 L-3(195FT)(0-5)ME

Quant Time: Nov 18 02:26:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

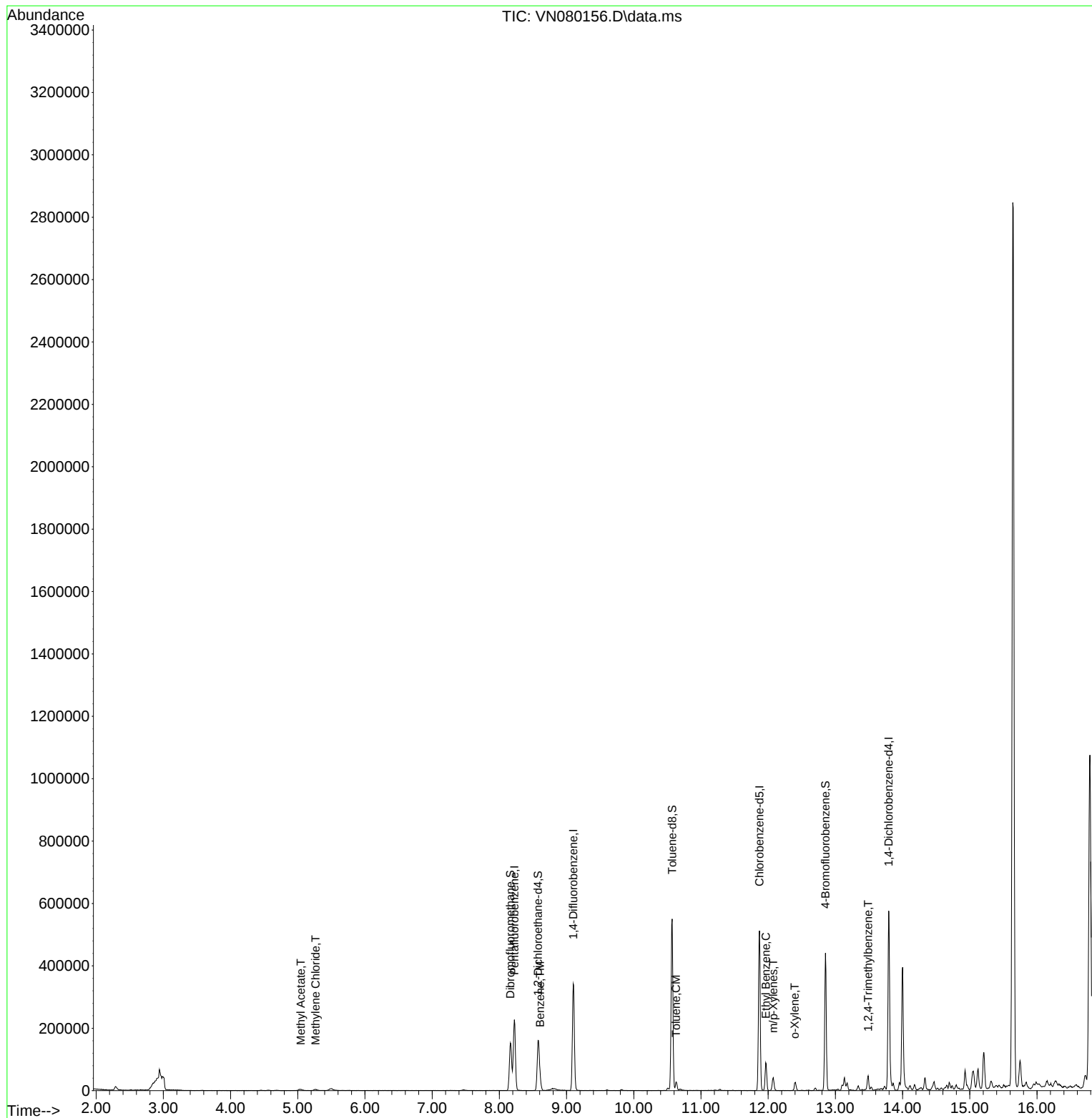
Internal Standards						
1) Pentafluorobenzene	8.224	168	155379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	292598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	138222	53.876	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.760%			
35) Dibromofluoromethane	8.165	113	109214	52.557	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.120%			
50) Toluene-d8	10.570	98	380794	50.835	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.680%			
62) 4-Bromofluorobenzene	12.853	95	149147	52.714	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.420%			
Target Compounds						
					Qvalue	
18) Methyl Acetate	5.047	43	9051	3.269	ug/l #	54
20) Methylene Chloride	5.265	84	3059	1.695	ug/l #	78
40) Benzene	8.606	78	31105	3.638	ug/l #	83
52) Toluene	10.629	92	11547	2.158	ug/l	99
67) Ethyl Benzene	11.964	91	64723	5.486	ug/l	94
68) m/p-Xylenes	12.076	106	13312	3.095	ug/l	90
69) o-Xylene	12.394	106	6889	1.699	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	27168	2.748	ug/l	95

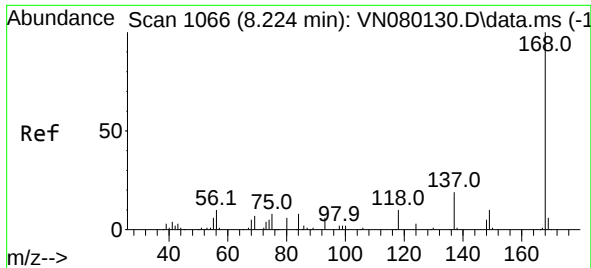
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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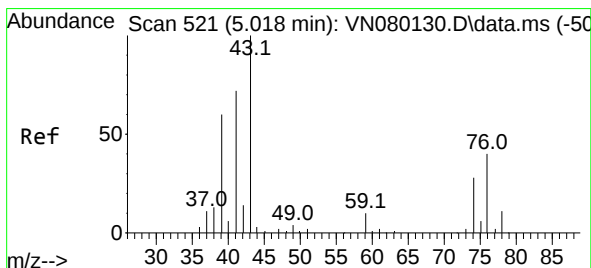
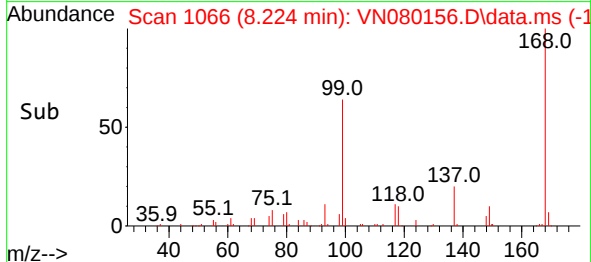
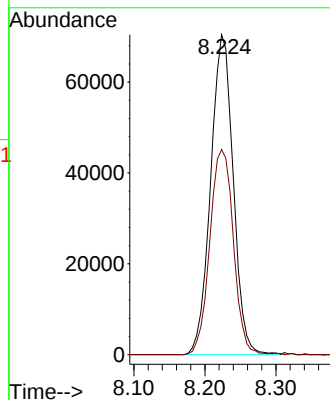
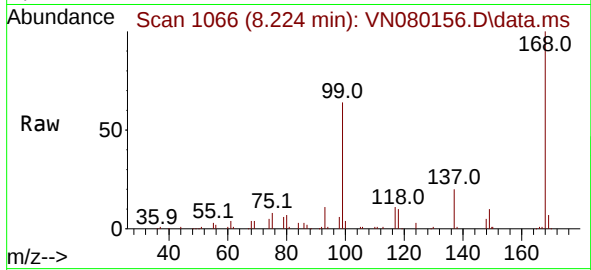




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

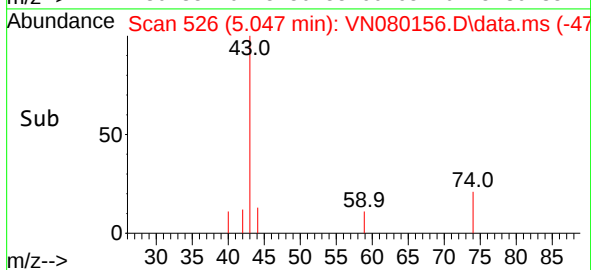
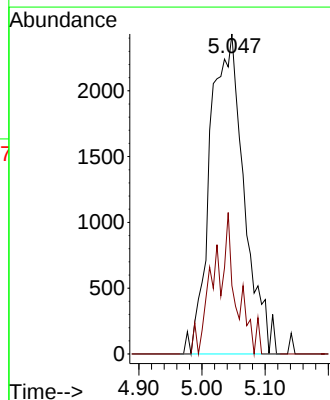
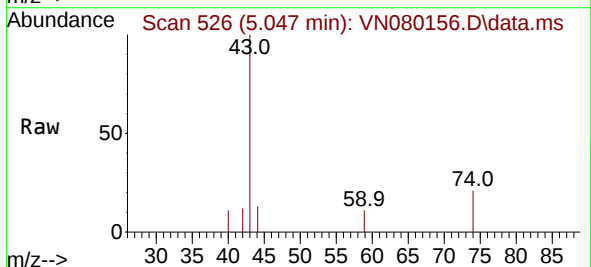
Instrument :
MSVOA_N
ClientSampleId :
L-3(195FT)(0-5)ME

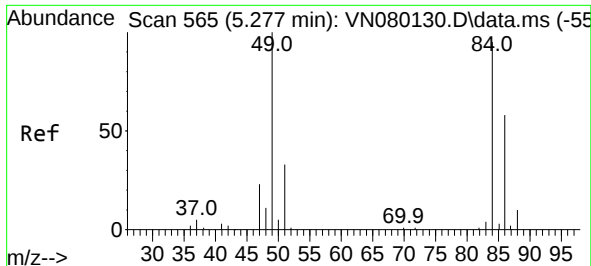
Tgt Ion:168 Resp: 155379
Ion Ratio Lower Upper
168 100
99 64.1 53.0 79.6



#18
Methyl Acetate
Concen: 3.269 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.029 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion: 43 Resp: 9051
Ion Ratio Lower Upper
43 100
74 7.0 26.2 39.4#

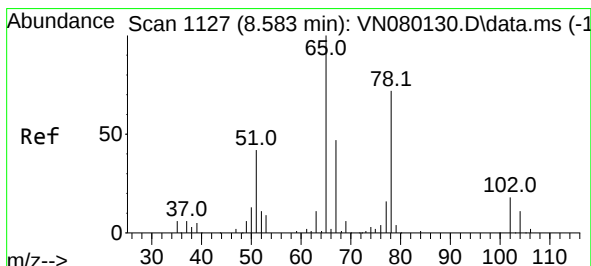
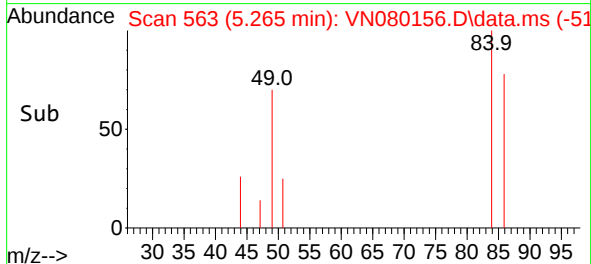
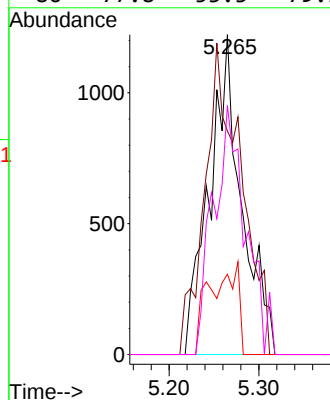
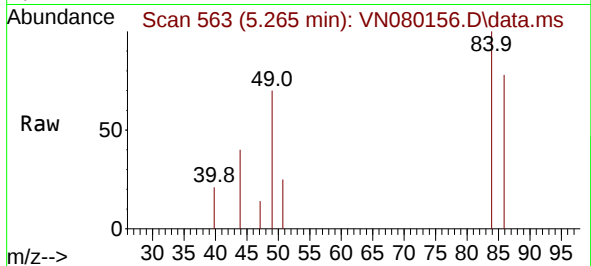




#20
Methylene Chloride
Concen: 1.695 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

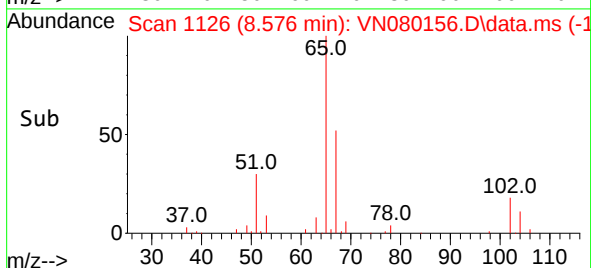
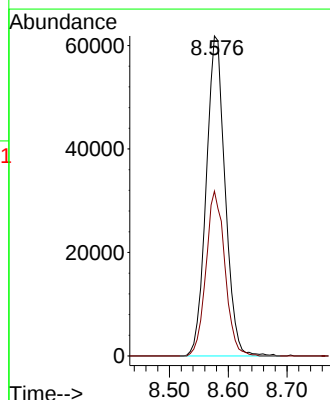
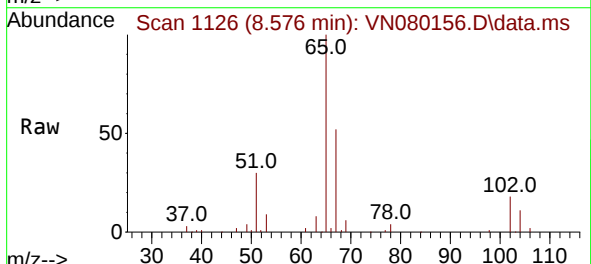
Instrument :
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ClientSampleId :
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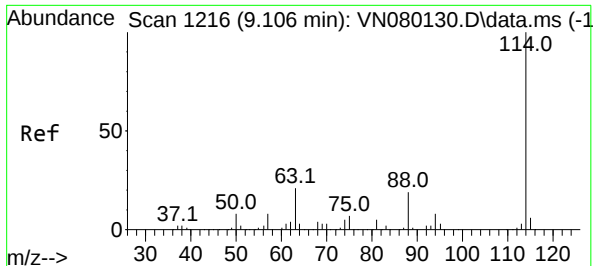
Tgt Ion:	84	Resp:	3059
Ion	Ratio	Lower	Upper
84	100		
49	69.9	79.7	119.5#
51	25.1	25.2	37.8#
86	77.8	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 53.876 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion:	65	Resp:	138222
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080156.D

Acq: 17 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

L-3(195FT)(0-5)ME

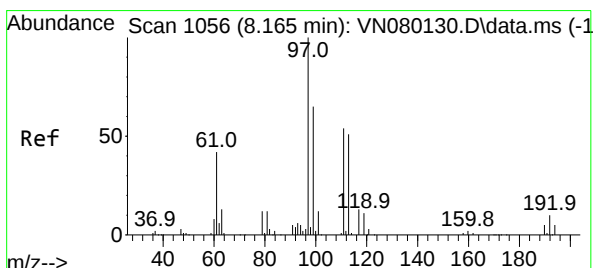
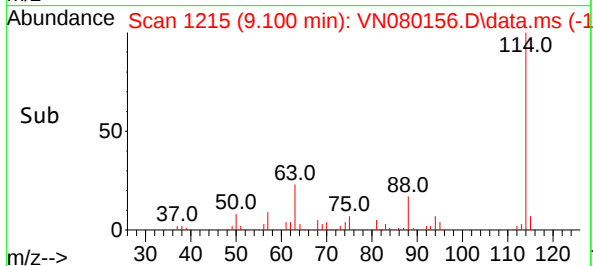
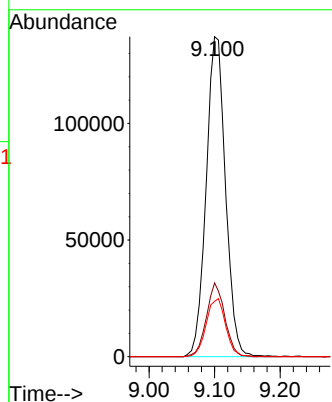
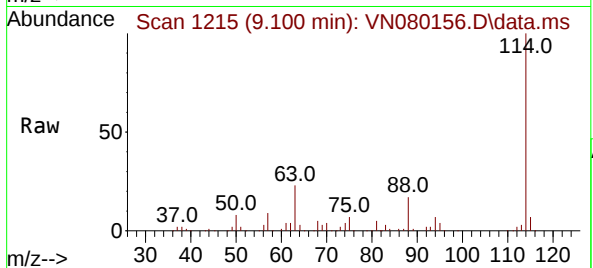
Tgt Ion:114 Resp: 281622

Ion Ratio Lower Upper

114 100

63 23.0 0.0 36.4

88 17.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.557 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080156.D

Acq: 17 Nov 2023 12:30

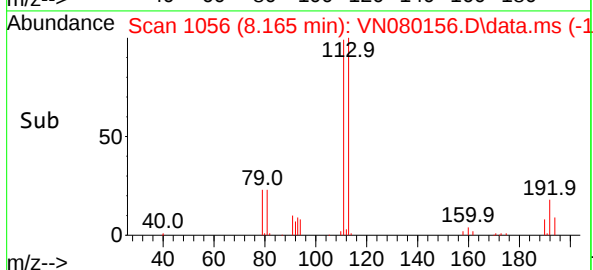
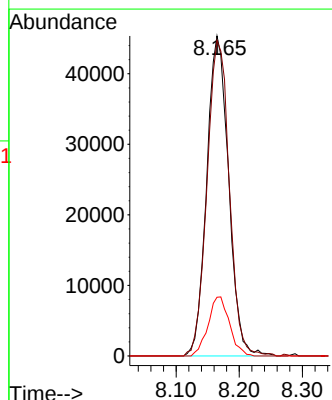
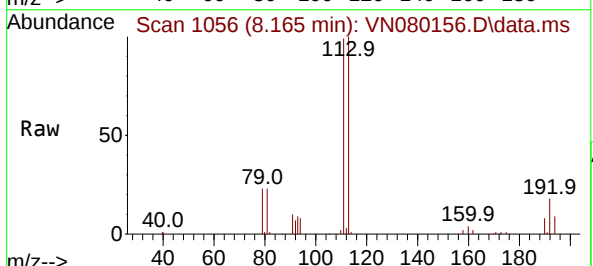
Tgt Ion:113 Resp: 109214

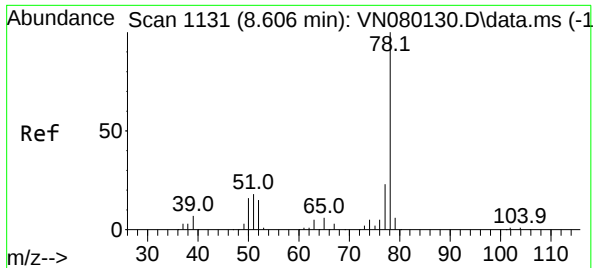
Ion Ratio Lower Upper

113 100

111 100.2 82.6 123.8

192 18.0 12.7 19.1

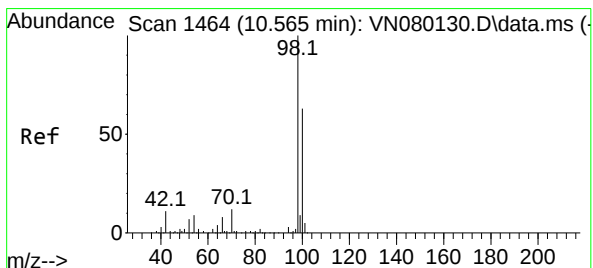
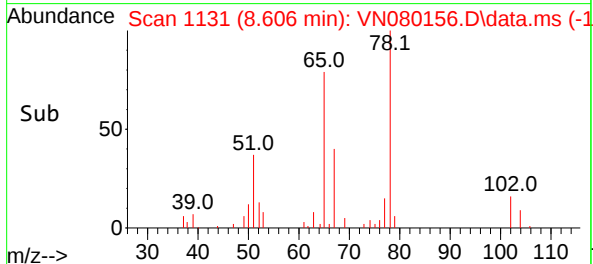
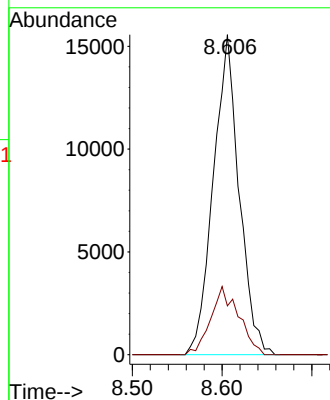
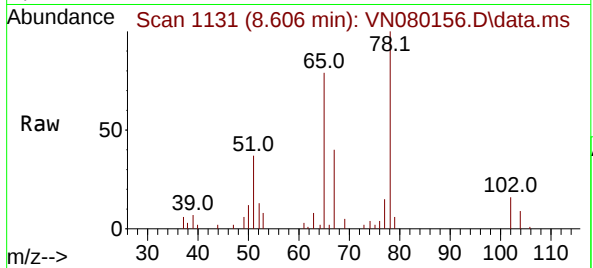




#40
Benzene
Concen: 3.638 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

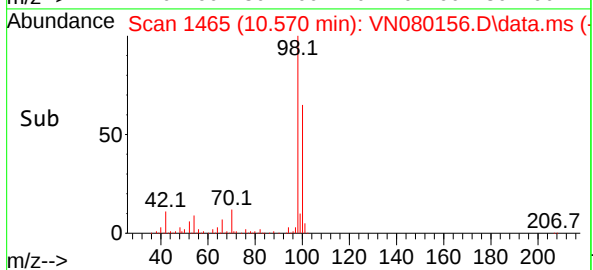
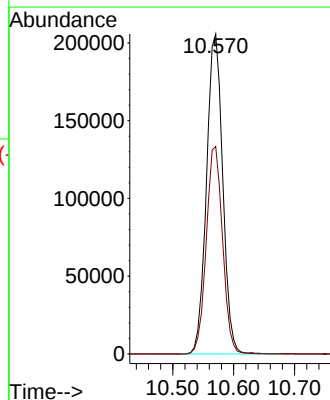
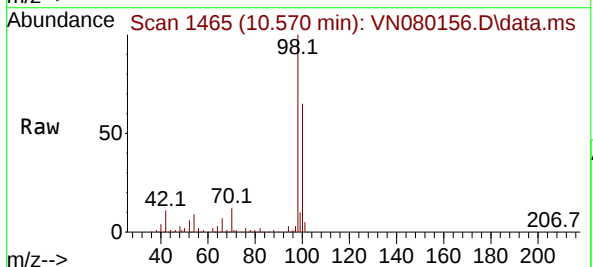
Instrument :
MSVOA_N
ClientSampleId :
L-3(195FT)(0-5)ME

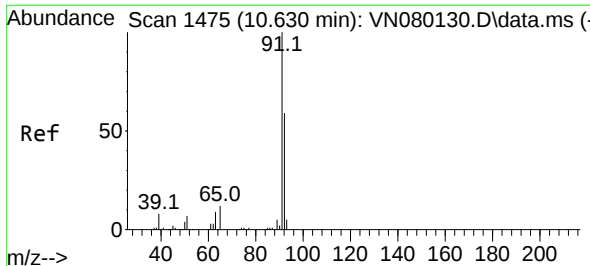
Tgt Ion: 78 Resp: 31105
Ion Ratio Lower Upper
78 100
77 15.2 19.0 28.6#



#50
Toluene-d8
Concen: 50.835 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion: 98 Resp: 380794
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

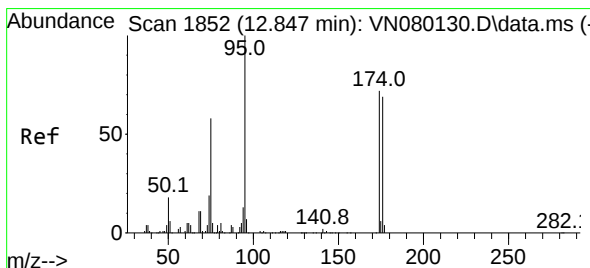
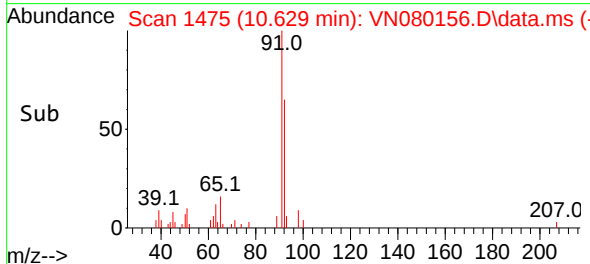
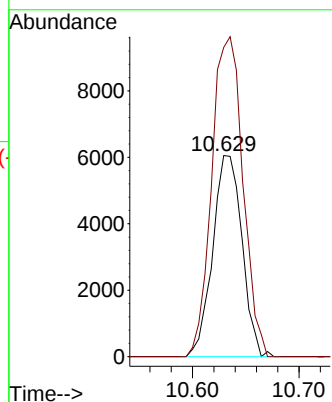
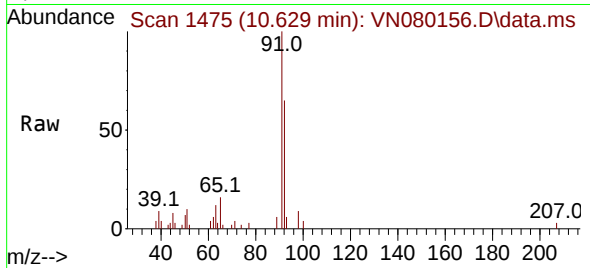




#52
Toluene
Concen: 2.158 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

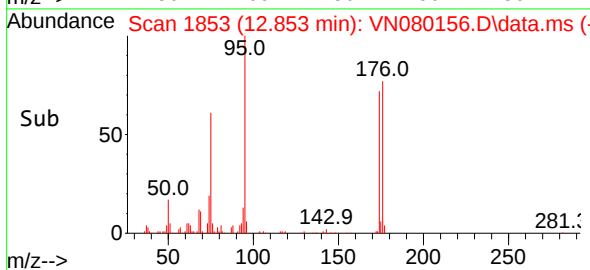
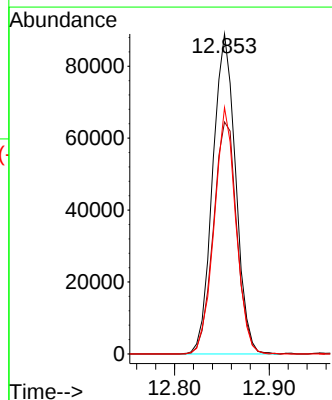
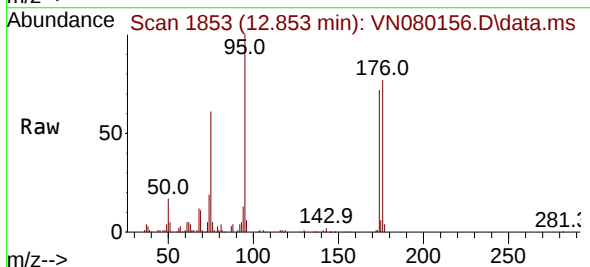
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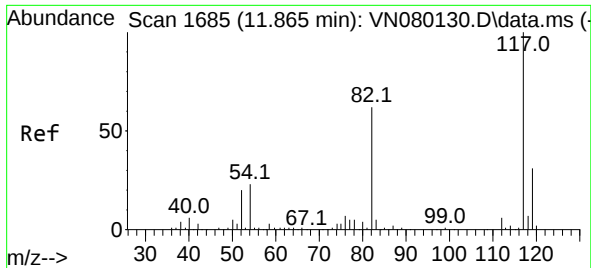
Tgt Ion: 92 Resp: 11547
Ion Ratio Lower Upper
92 100
91 169.7 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 52.714 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion: 95 Resp: 149147
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 72.8 0.0 135.8

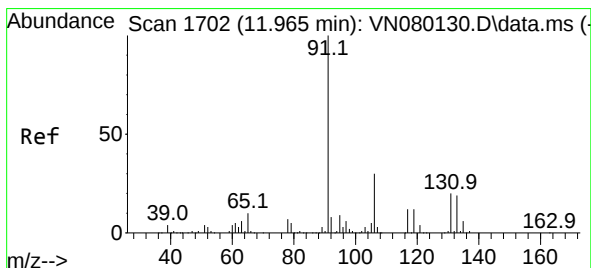
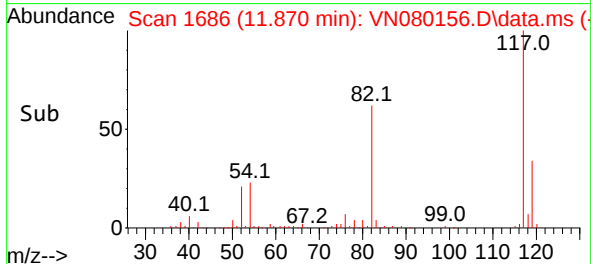
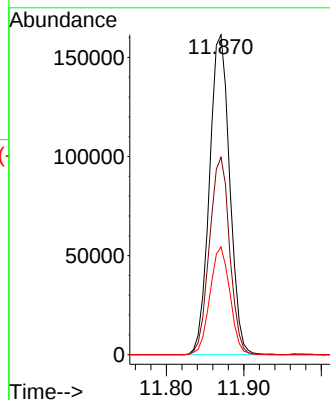
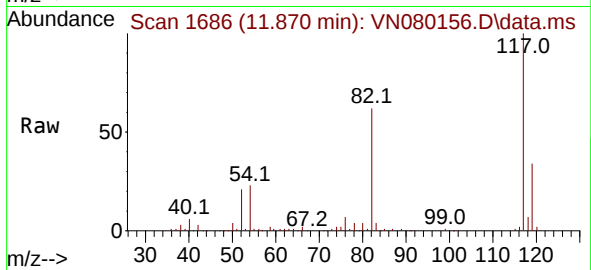




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

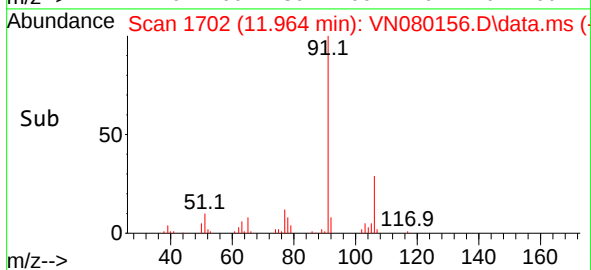
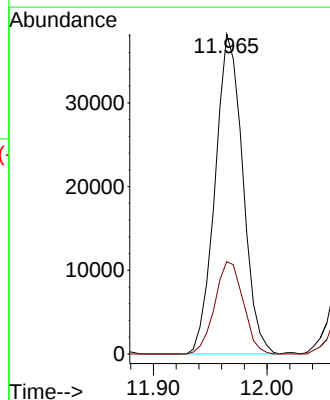
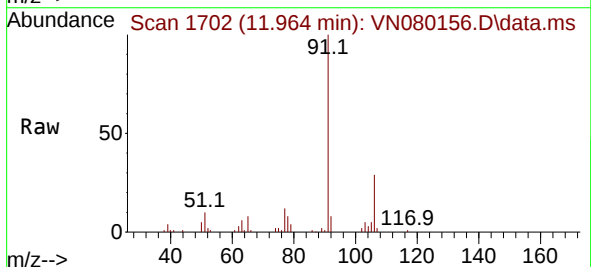
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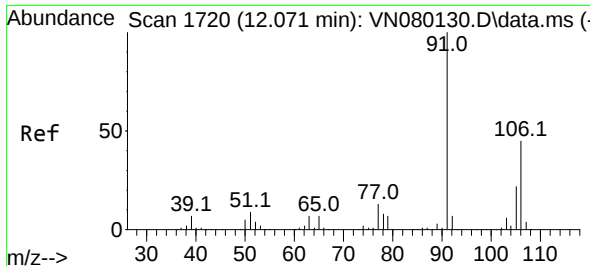
Tgt Ion:117 Resp: 292598
Ion Ratio Lower Upper
117 100
82 61.7 44.0 66.0
119 33.7 25.6 38.4



#67
Ethyl Benzene
Concen: 5.486 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion: 91 Resp: 64723
Ion Ratio Lower Upper
91 100
106 28.9 25.6 38.4

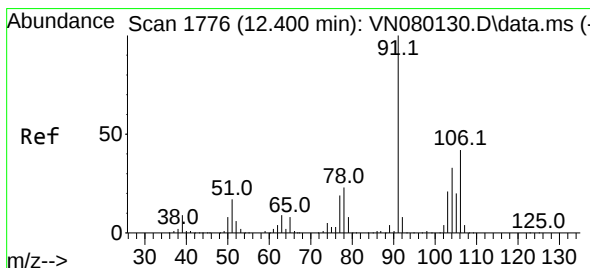
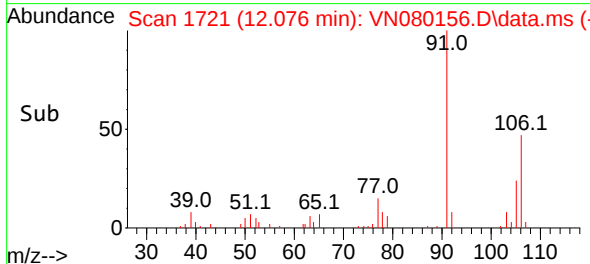
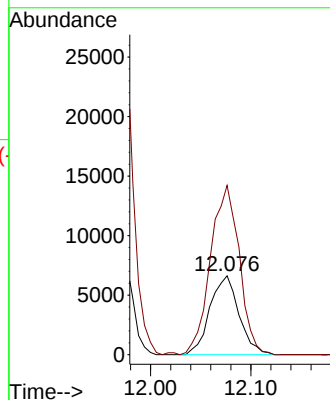
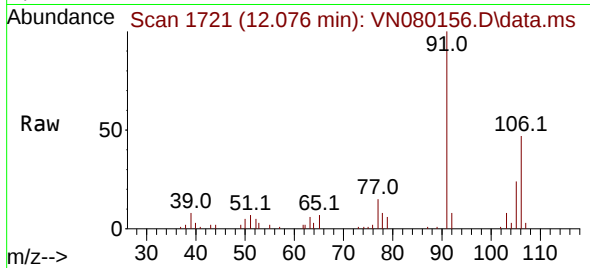




#68
m/p-Xylenes
Concen: 3.095 ug/l
RT: 12.076 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

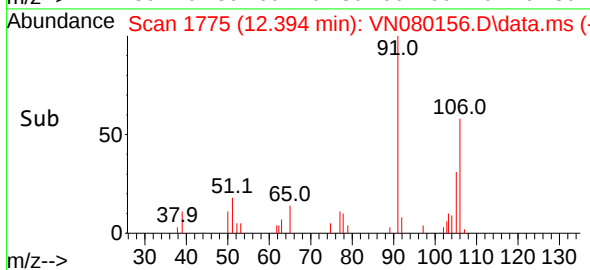
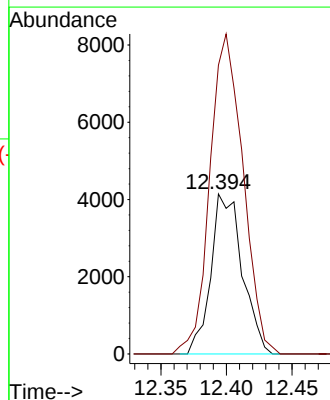
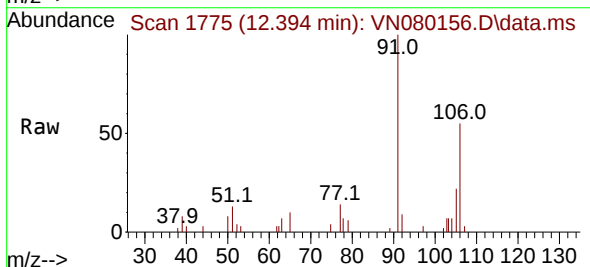
Instrument :
MSVOA_N
ClientSampleId :
L-3(195FT)(0-5)ME

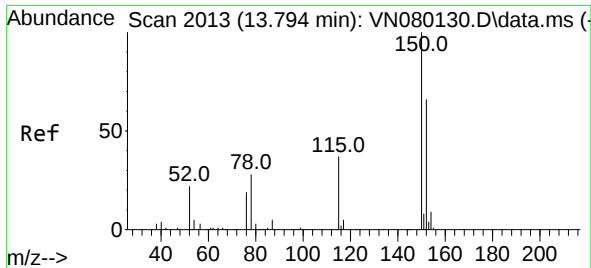
Tgt Ion:106 Resp: 13312
Ion Ratio Lower Upper
106 100
91 214.3 159.6 239.4



#69
o-Xylene
Concen: 1.699 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN080156.D
Acq: 17 Nov 2023 12:30

Tgt Ion:106 Resp: 6889
Ion Ratio Lower Upper
106 100
91 211.6 105.2 315.5

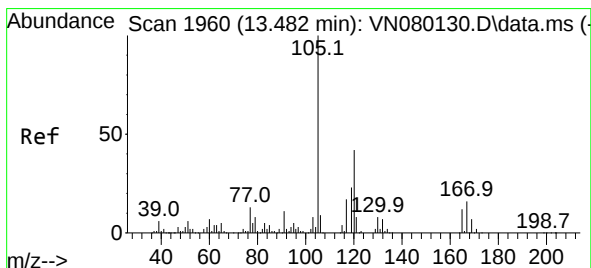
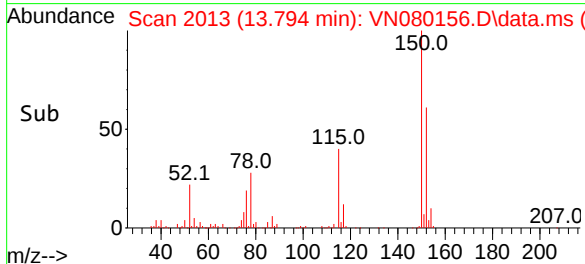
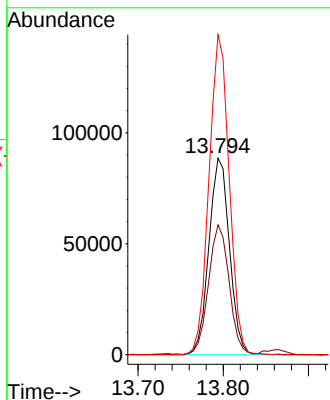
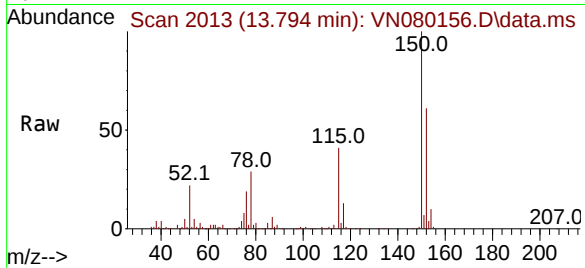




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN080156.D
 Acq: 17 Nov 2023 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 L-3(195FT)(0-5)ME

Tgt Ion:152 Resp: 148413
 Ion Ratio Lower Upper
 152 100
 115 66.5 32.3 96.8
 150 159.8 0.0 355.8



#84
 1,2,4-Trimethylbenzene
 Concen: 2.748 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN080156.D
 Acq: 17 Nov 2023 12:30

Tgt Ion:105 Resp: 27168
 Ion Ratio Lower Upper
 105 100
 120 40.8 22.0 66.0

