

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080427.D
 Acq On : 08 Dec 2023 23:30
 Operator : JC\MD
 Sample : 05592-02DL 1000X
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW05D-NAPLDL

Quant Time: Dec 09 04:31:14 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)

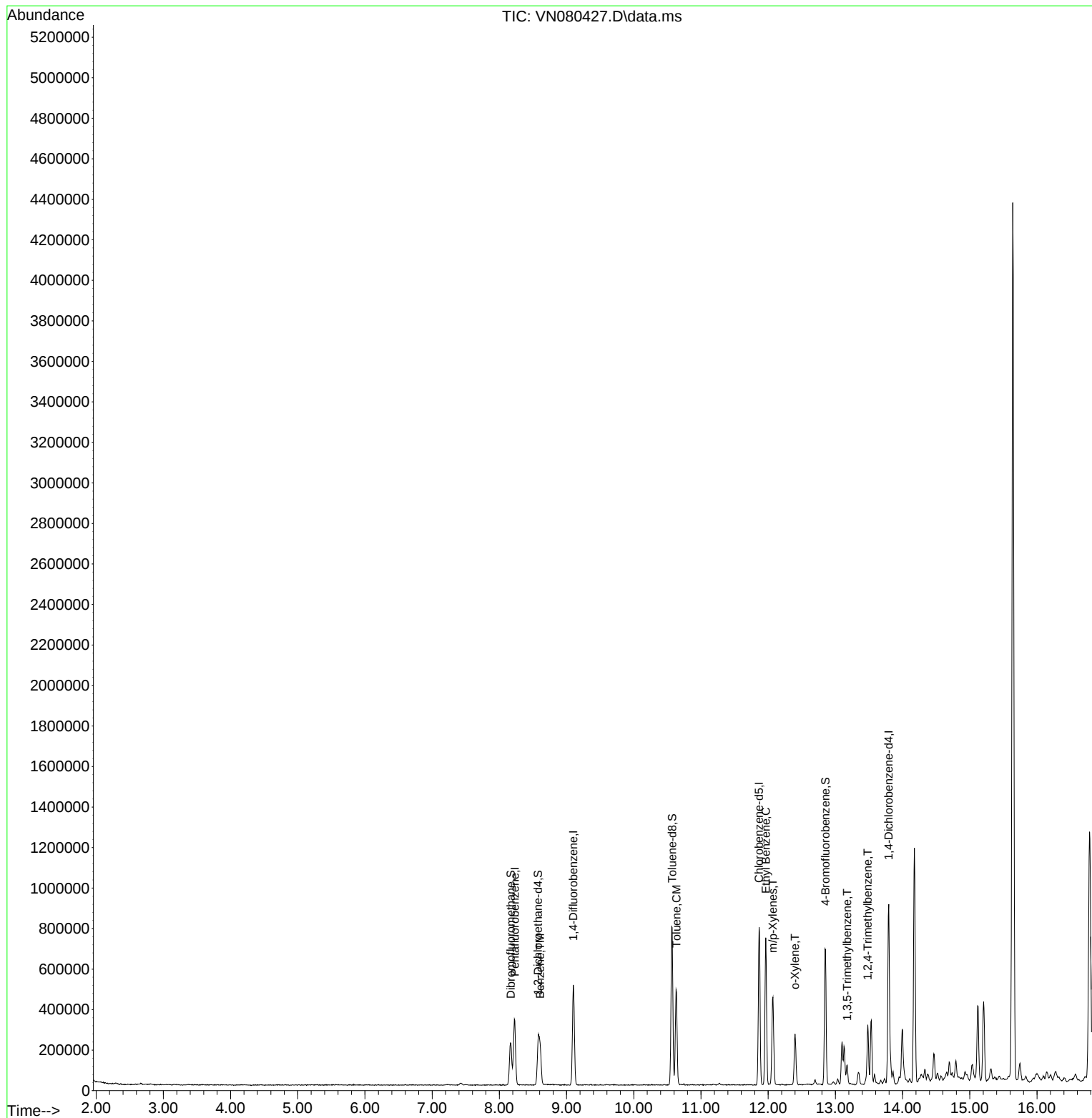
Internal Standards						
1) Pentafluorobenzene	8.230	168	230096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	426509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	460387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	241615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	180441	47.494	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.980%
35) Dibromofluoromethane	8.171	113	153746	48.854	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.700%
50) Toluene-d8	10.571	98	568617	50.122	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.853	95	250299	58.412	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.820%
Target Compounds						
					Qvalue	
40) Benzene	8.606	78	179008m	13.823	ug/l	
52) Toluene	10.635	92	213566	26.353	ug/l	100
67) Ethyl Benzene	11.965	91	534816	28.811	ug/l	95
68) m/p-Xylenes	12.071	106	137196	20.270	ug/l	91
69) o-Xylene	12.400	106	63812	10.004	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	44973	2.752	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	169440	10.529	ug/l	98

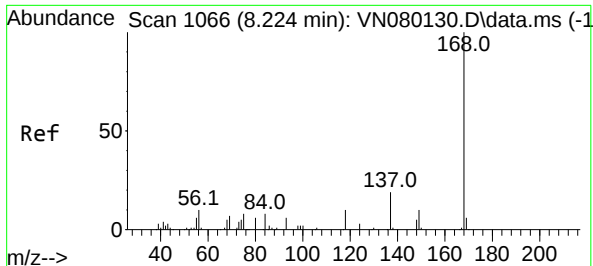
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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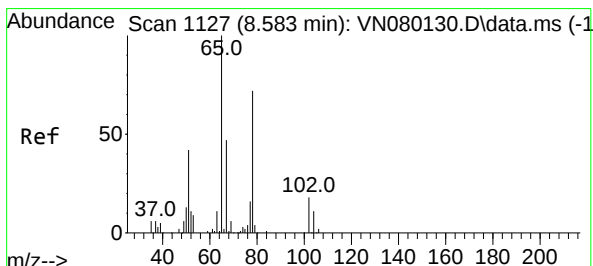
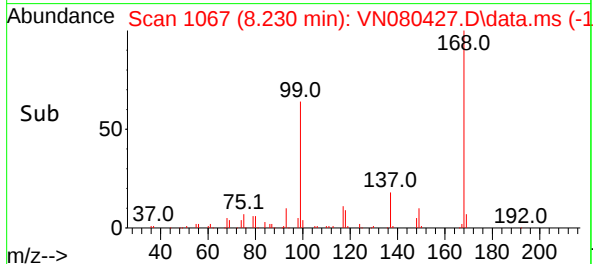
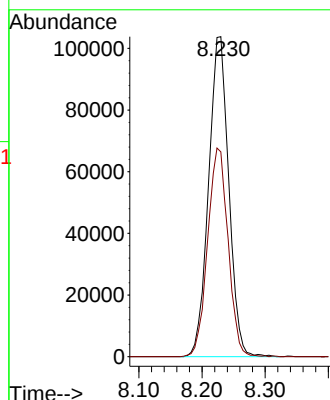
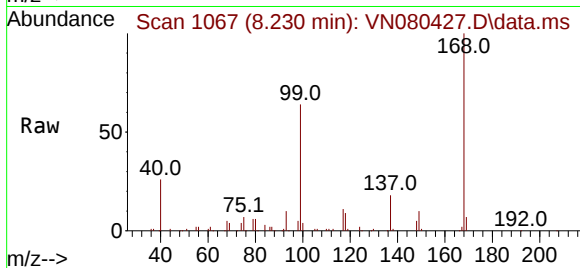




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

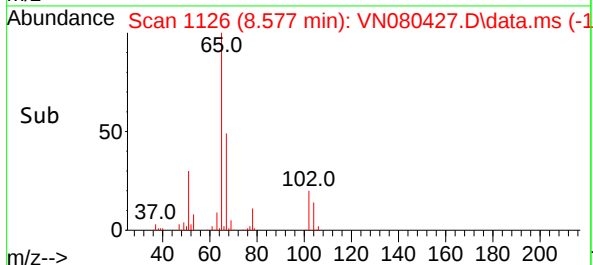
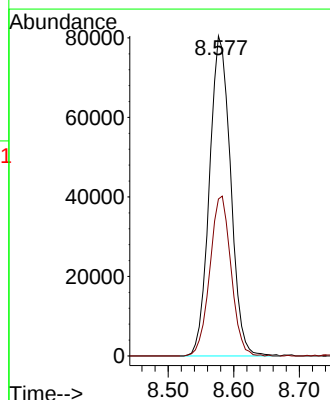
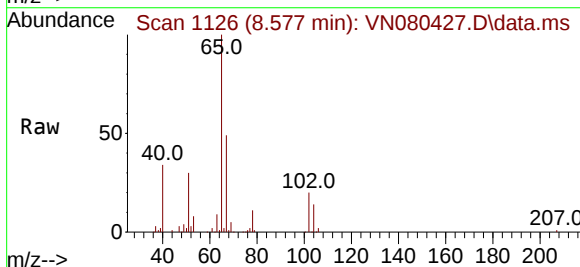
Instrument :
MSVOA_N
ClientSampleId :
MW05D-NAPLDL

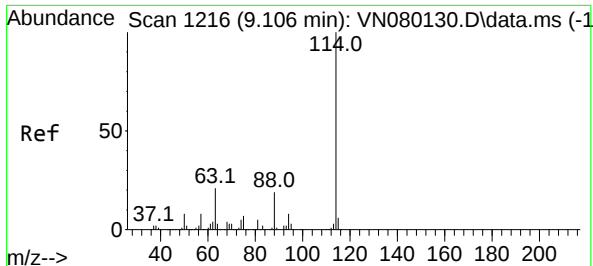
Tgt Ion:168 Resp: 230096
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.494 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion: 65 Resp: 180441
Ion Ratio Lower Upper
65 100
67 50.0 0.0 106.6

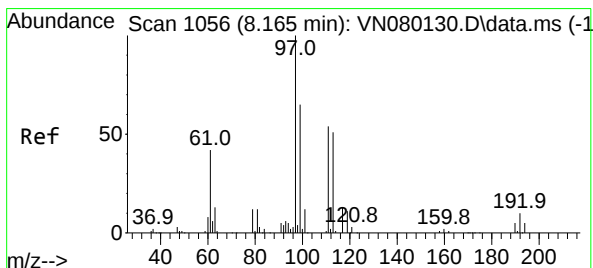
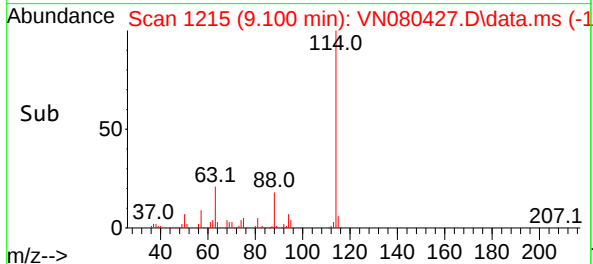
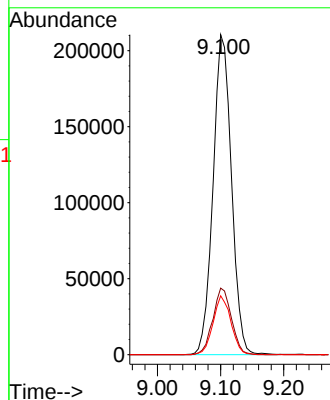
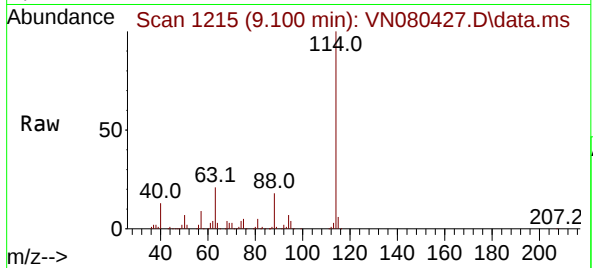




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

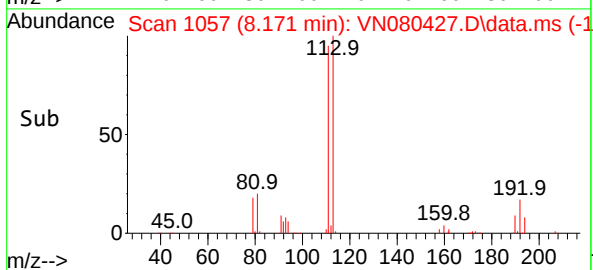
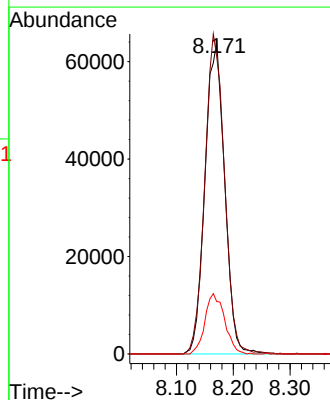
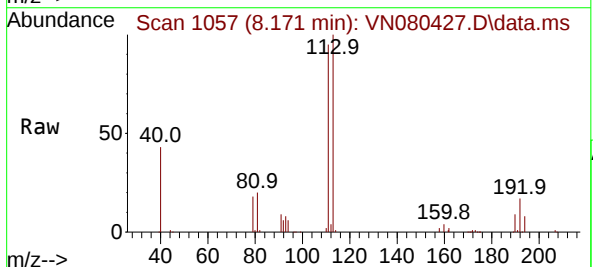
Instrument :
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ClientSampleId :
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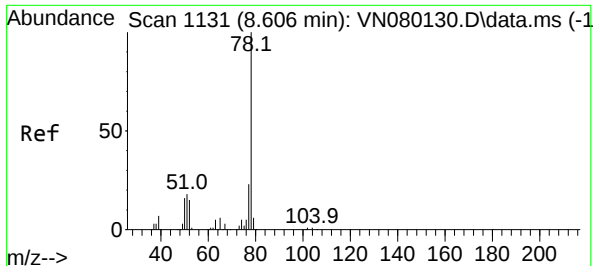
Tgt Ion:114 Resp: 426509
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.4
88 18.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.854 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion:113 Resp: 153746
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 19.3 12.7 19.1#

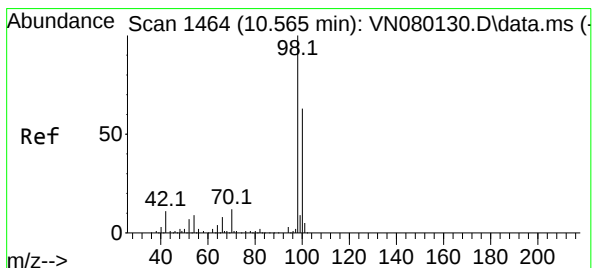
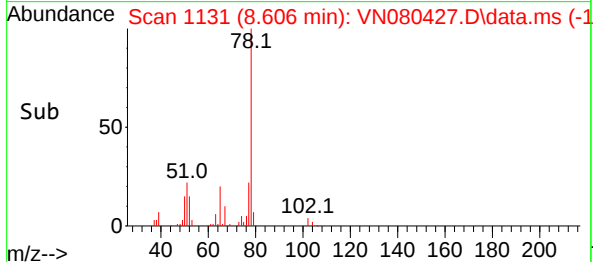
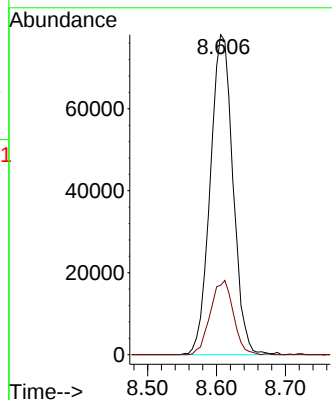
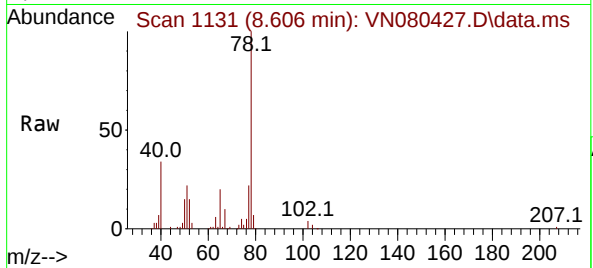




#40
Benzene
Concen: 13.823 ug/l m
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

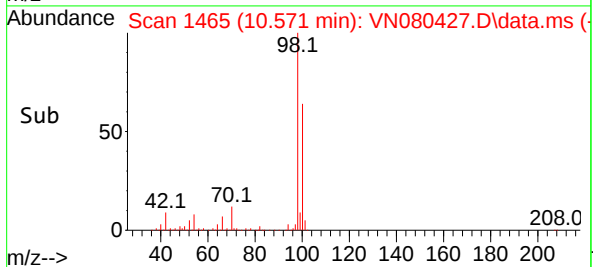
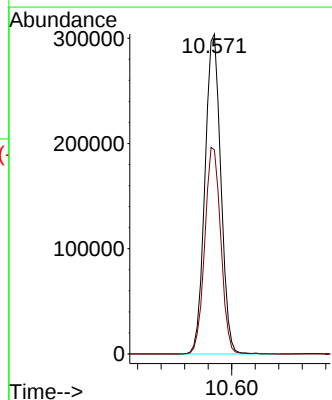
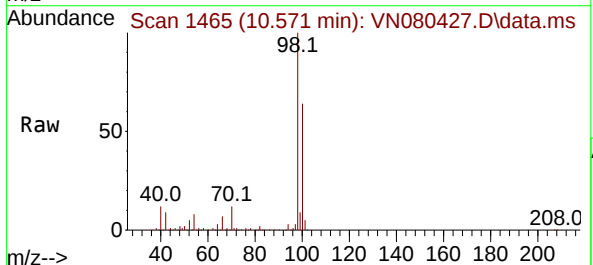
Instrument :
MSVOA_N
ClientSampleId :
MW05D-NAPLDL

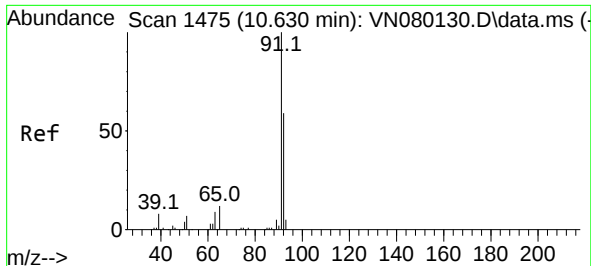
Tgt Ion: 78 Resp: 179008
Ion Ratio Lower Upper
78 100
77 21.7 19.0 28.6



#50
Toluene-d8
Concen: 50.122 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion: 98 Resp: 568617
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

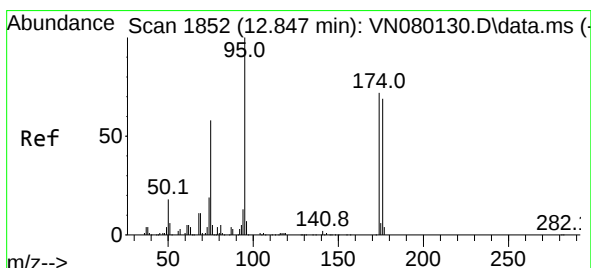
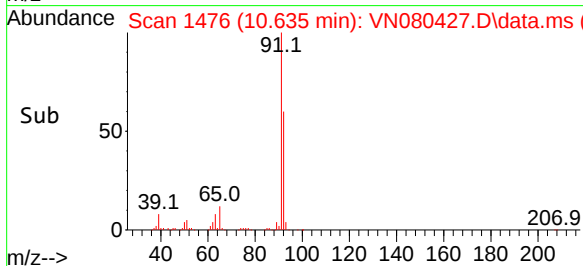
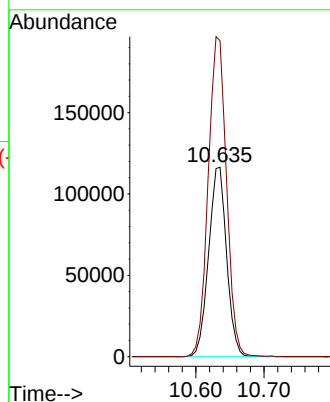
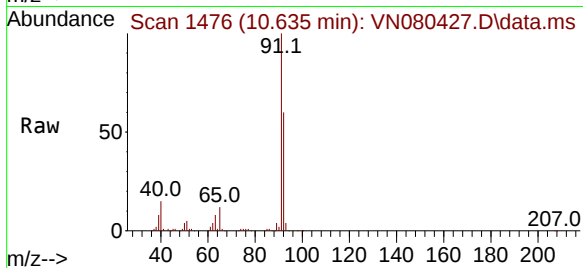




#52
Toluene
Concen: 26.353 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

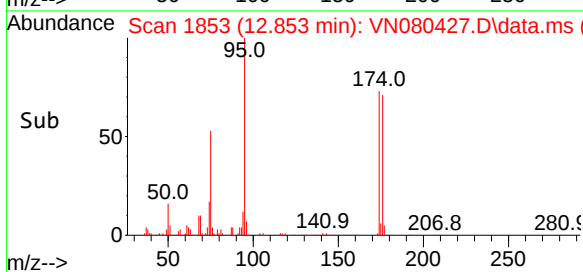
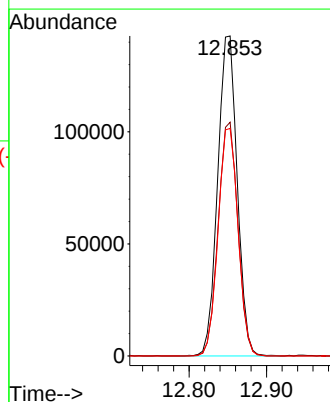
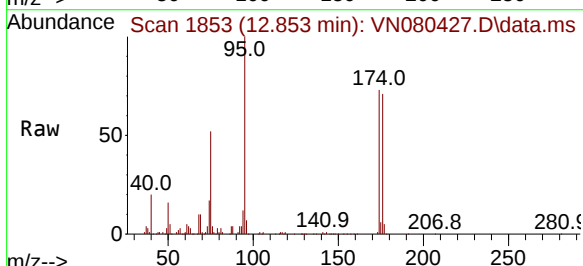
Instrument :
MSVOA_N
ClientSampleId :
MW05D-NAPLDL

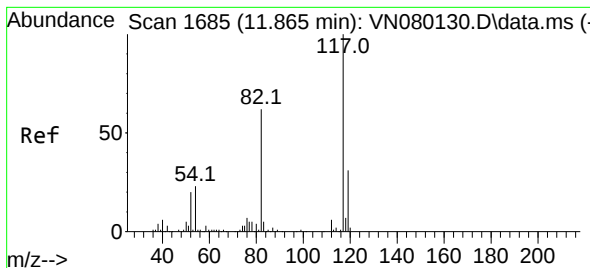
Tgt Ion: 92 Resp: 213566
Ion Ratio Lower Upper
92 100
91 171.9 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 58.412 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion: 95 Resp: 250299
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 72.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080427.D

Acq: 08 Dec 2023 23:30

Instrument :

MSVOA_N

ClientSampleId :

MW05D-NAPLDL

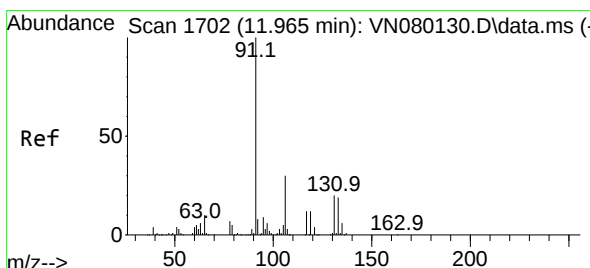
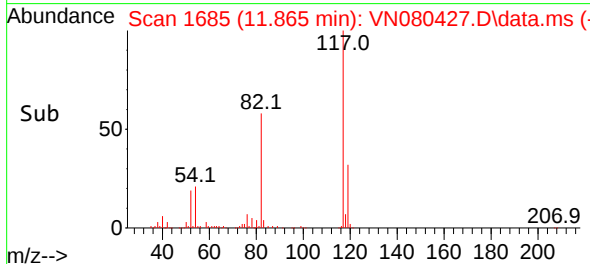
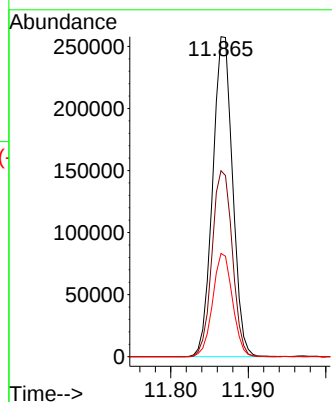
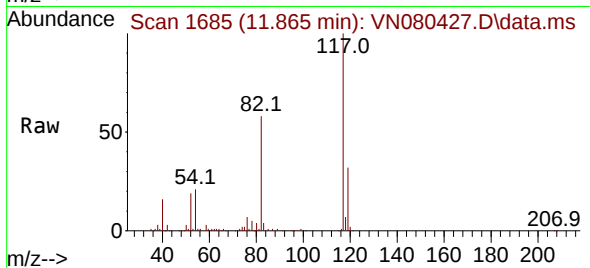
Tgt Ion:117 Resp: 460387

Ion Ratio Lower Upper

117 100

82 58.1 44.0 66.0

119 32.3 25.6 38.4



#67

Ethyl Benzene

Concen: 28.811 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080427.D

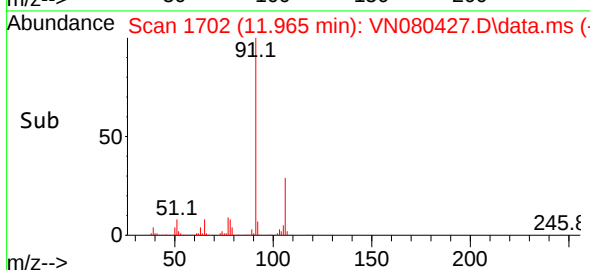
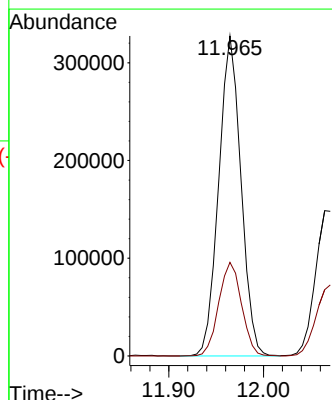
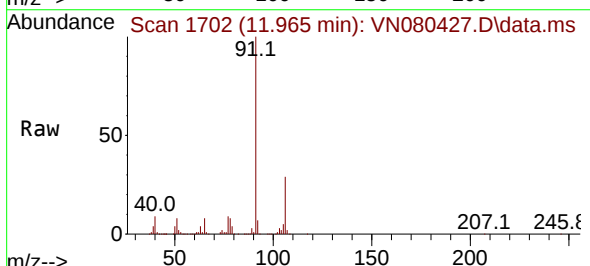
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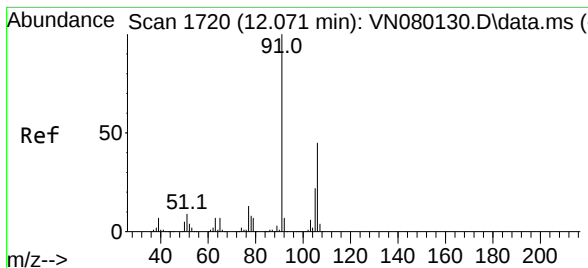
Tgt Ion: 91 Resp: 534816

Ion Ratio Lower Upper

91 100

106 29.2 25.6 38.4

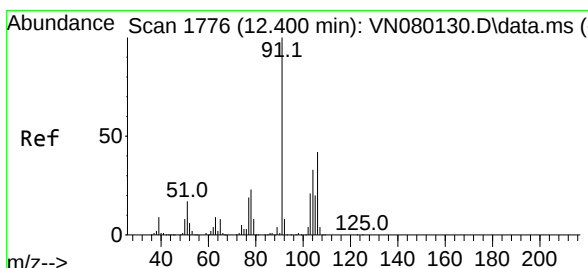
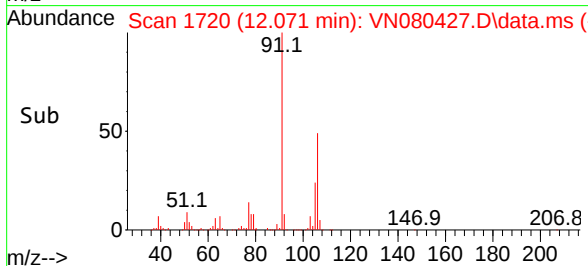
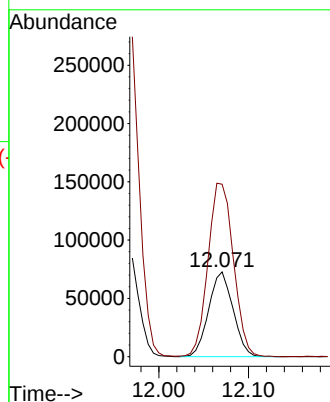
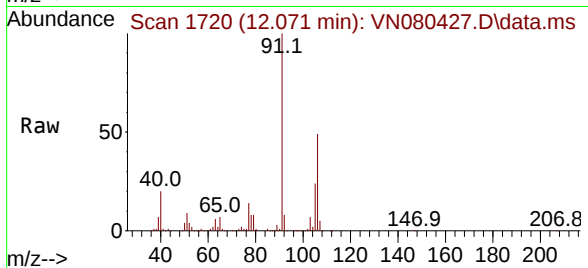




#68
m/p-Xylenes
Concen: 20.270 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

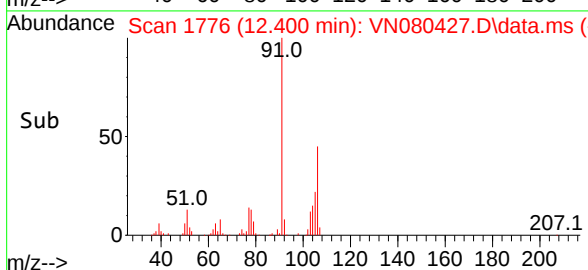
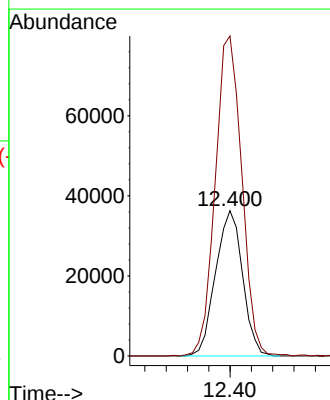
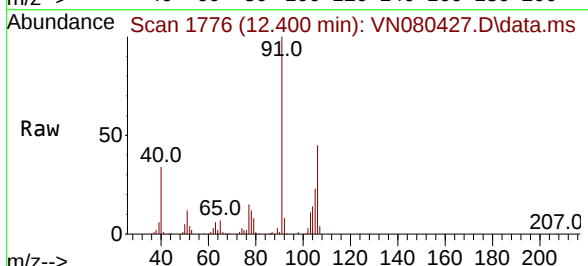
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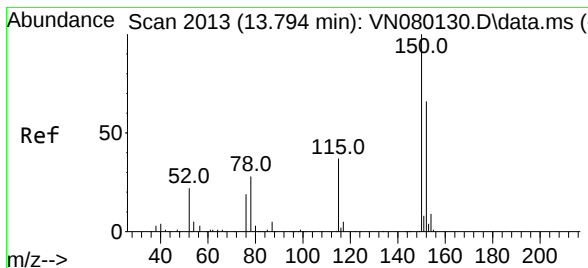
Tgt Ion:106 Resp: 137196
Ion Ratio Lower Upper
106 100
91 213.7 159.6 239.4



#69
o-Xylene
Concen: 10.004 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion:106 Resp: 63812
Ion Ratio Lower Upper
106 100
91 216.6 105.2 315.5

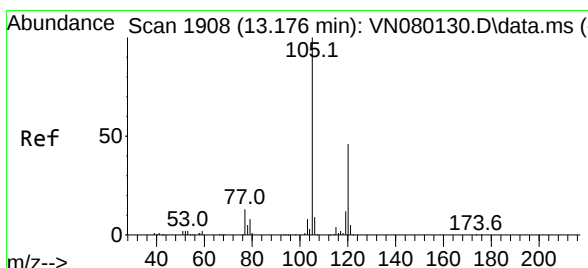
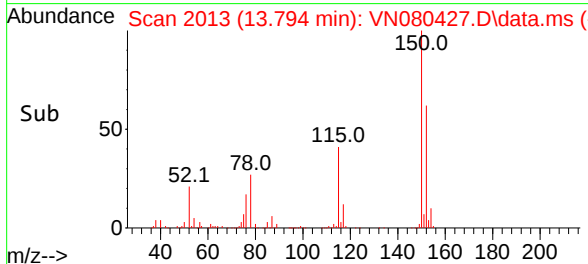
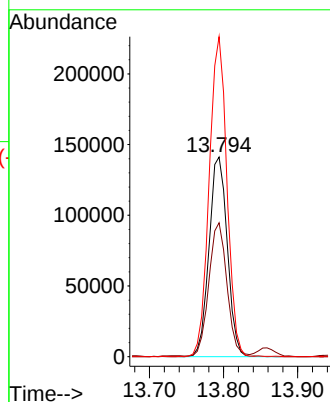
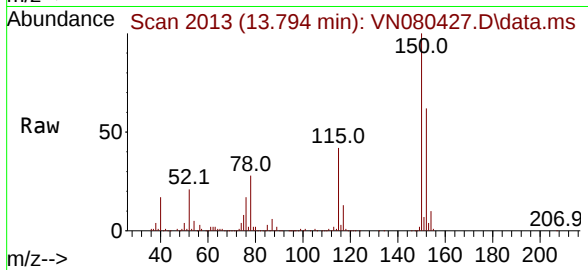




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

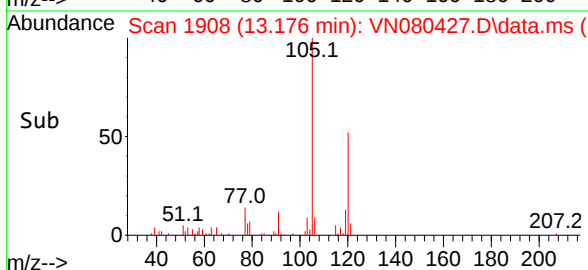
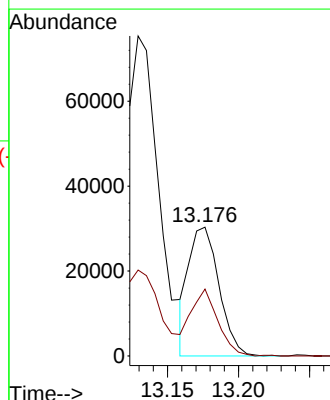
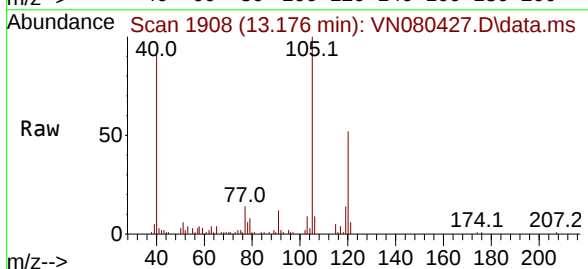
Instrument :
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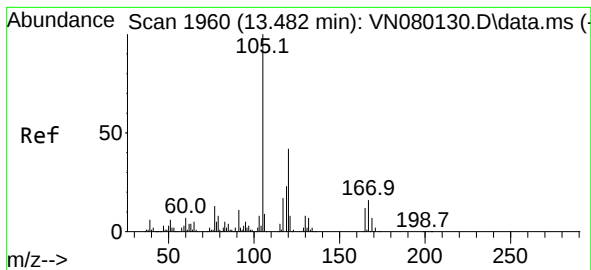
Tgt Ion:152 Resp: 241615
Ion Ratio Lower Upper
152 100
115 66.0 32.3 96.8
150 155.5 0.0 355.8



#80
1,3,5-Trimethylbenzene
Concen: 2.752 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080427.D
Acq: 08 Dec 2023 23:30

Tgt Ion:105 Resp: 44973
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3





#84
 1,2,4-Trimethylbenzene
 Concen: 10.529 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN080427.D
 Acq: 08 Dec 2023 23:30

Instrument :
 MSVOA_N
 ClientSampleId :
 MW05D-NAPLDL

Tgt Ion:105 Resp: 169440
 Ion Ratio Lower Upper
 105 100
 120 42.4 22.0 66.0

