

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080249.D
 Acq On : 22 Nov 2023 15:55
 Operator : JC\MD
 Sample : 05518-05
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1110

Quant Time: Nov 23 00:22:52 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)

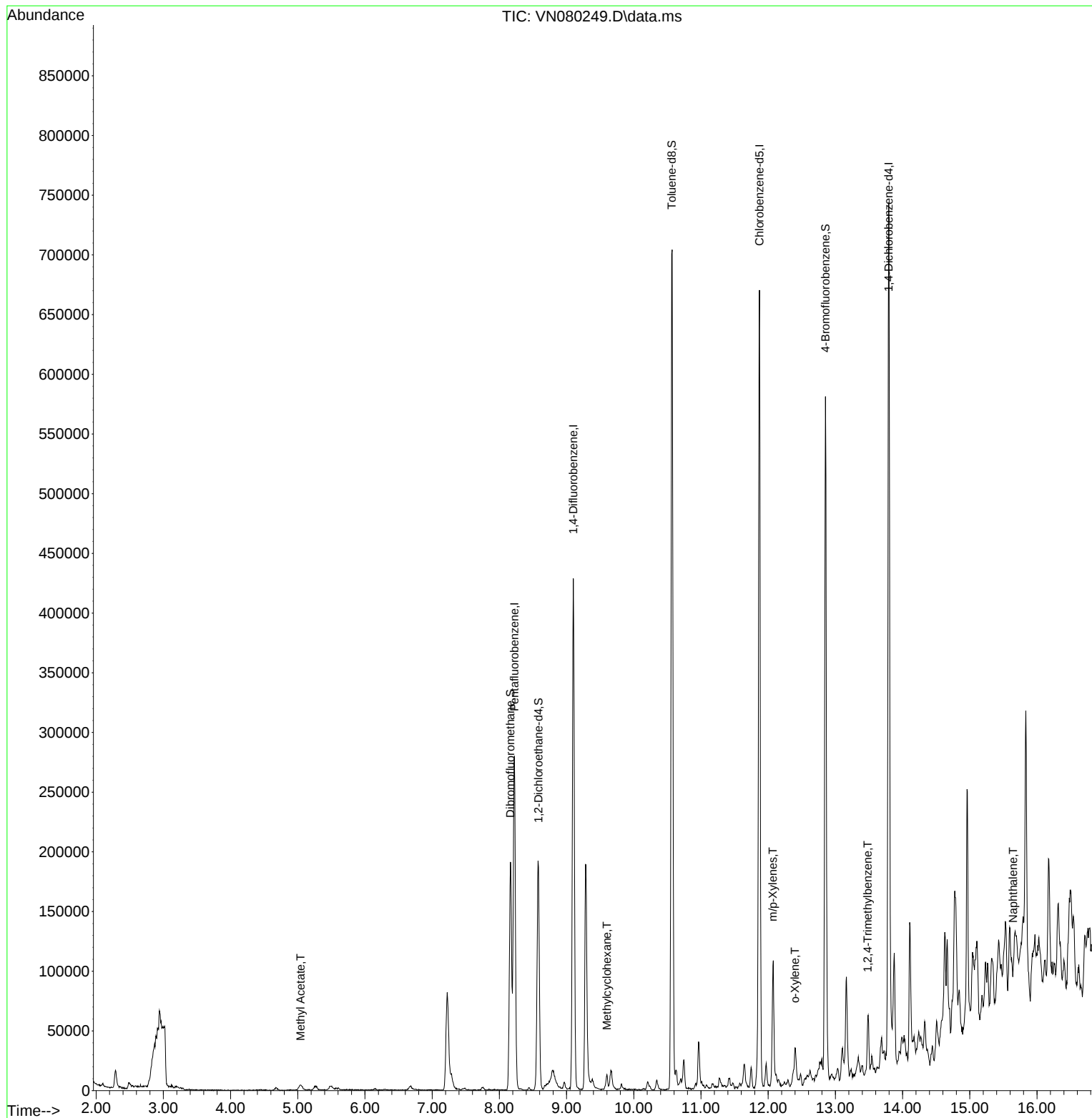
Internal Standards						
1) Pentafluorobenzene	8.224	168	196616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	359929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	376517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	164983	50.820	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.640%			
35) Dibromofluoromethane	8.165	113	134251	50.550	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.100%			
50) Toluene-d8	10.565	98	486523	50.819	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.640%			
62) 4-Bromofluorobenzene	12.853	95	200451	55.433	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.860%			
Target Compounds						Qvalue
18) Methyl Acetate	5.042	43	10110	2.886	ug/l #	86
39) Methylcyclohexane	9.600	83	4797	1.294	ug/l #	89
68) m/p-Xylenes	12.070	106	16144	2.917	ug/l	91
69) o-Xylene	12.400	106	6942	1.331	ug/l	82
84) 1,2,4-Trimethylbenzene	13.482	105	31482	2.472	ug/l	98
95) Naphthalene	15.647	128	20399	1.873	ug/l #	91

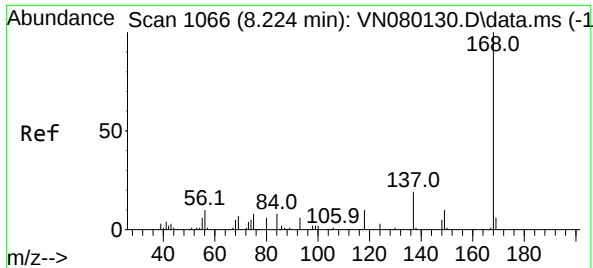
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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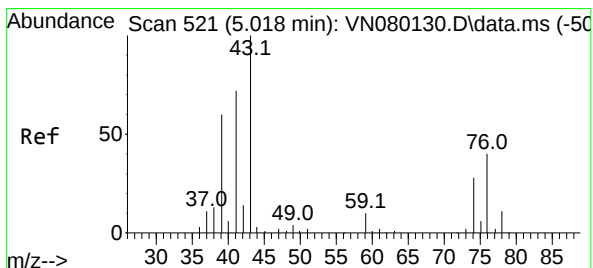
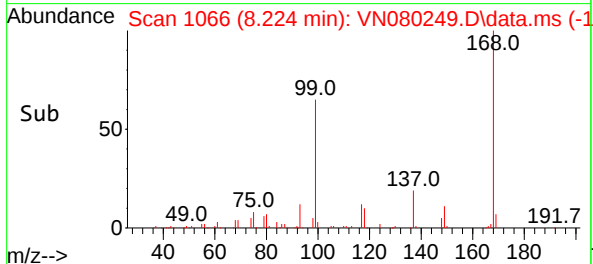
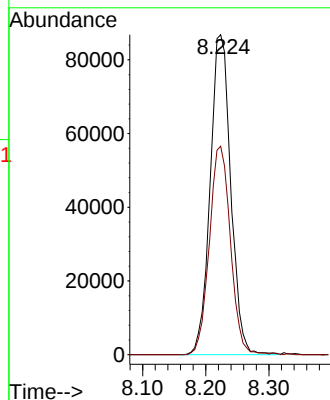
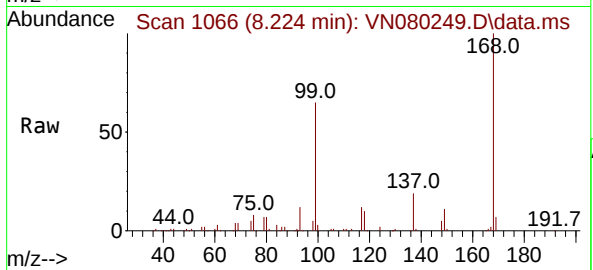




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN080249.D
Acq: 22 Nov 2023 15:55

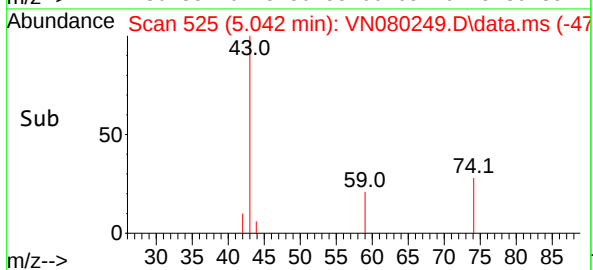
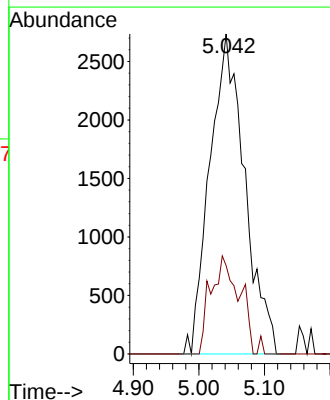
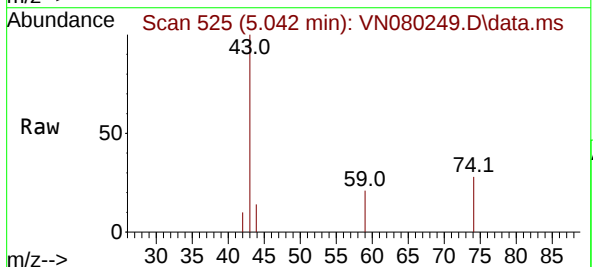
Instrument :
MSVOA_N
ClientSampleId :
1110

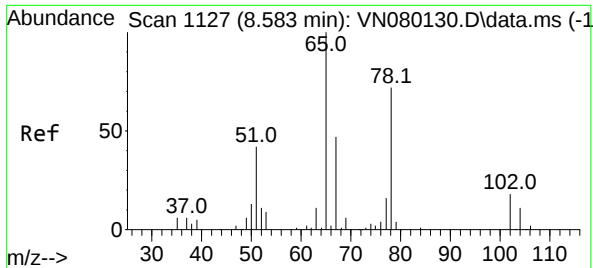
Tgt Ion:168 Resp: 196616
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6



#18
Methyl Acetate
Concen: 2.886 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.023 min
Lab File: VN080249.D
Acq: 22 Nov 2023 15:55

Tgt Ion: 43 Resp: 10110
Ion Ratio Lower Upper
43 100
74 25.0 26.2 39.4#





#33

1,2-Dichloroethane-d4

Concen: 50.820 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080249.D

Acq: 22 Nov 2023 15:55

Instrument :

MSVOA_N

ClientSampleId :

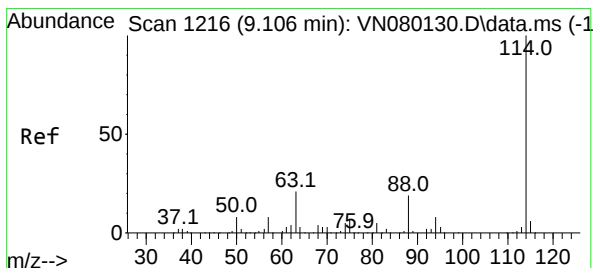
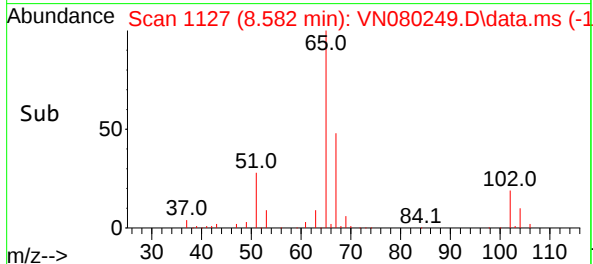
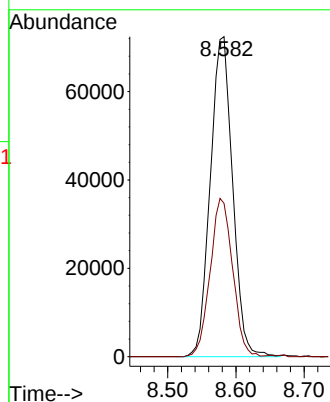
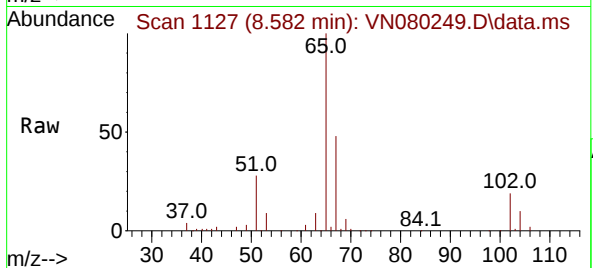
1110

Tgt Ion: 65 Resp: 164983

Ion Ratio Lower Upper

65 100

67 49.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080249.D

Acq: 22 Nov 2023 15:55

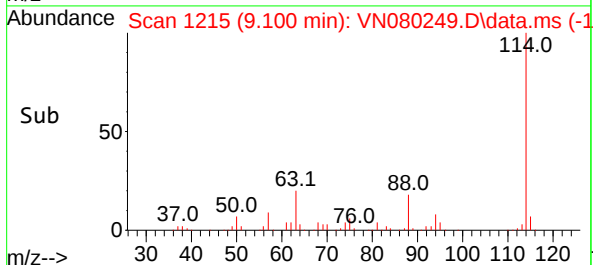
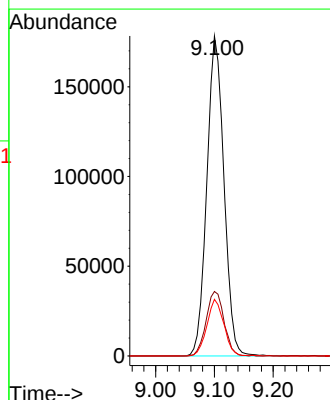
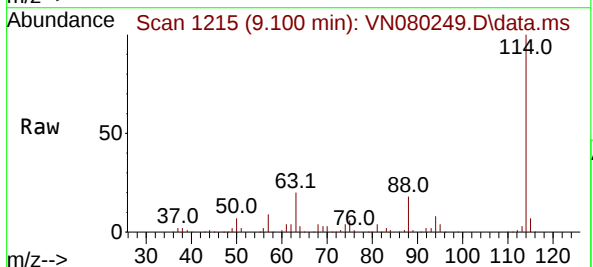
Tgt Ion: 114 Resp: 359929

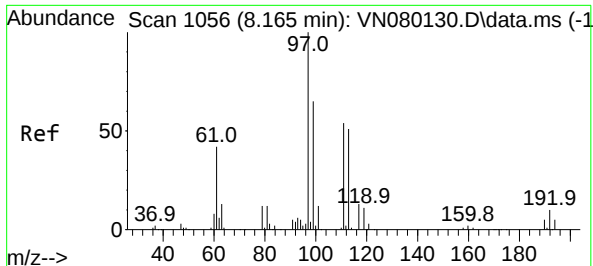
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 17.7 0.0 30.6

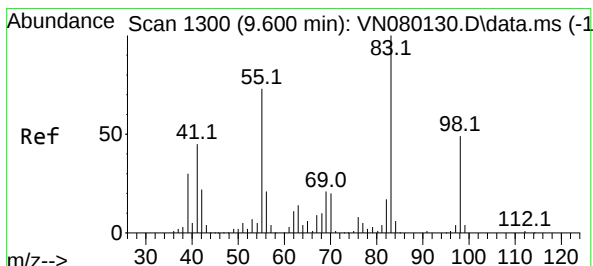
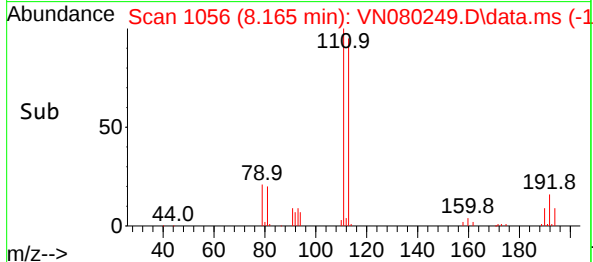
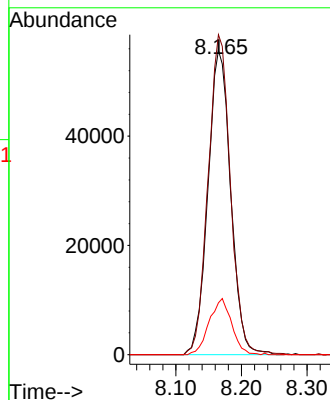
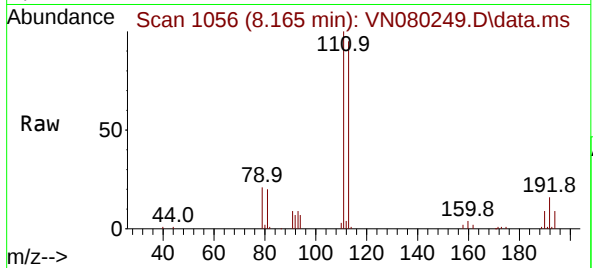




#35
Dibromofluoromethane
Concen: 50.550 ug/l
RT: 8.165 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN080249.D
Acq: 22 Nov 2023 15:55

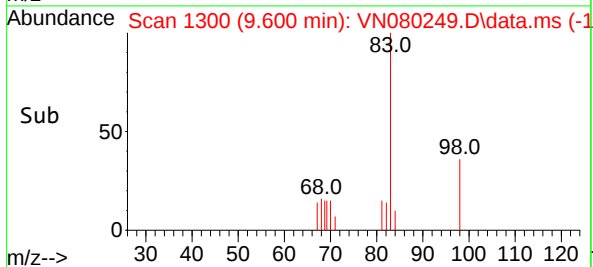
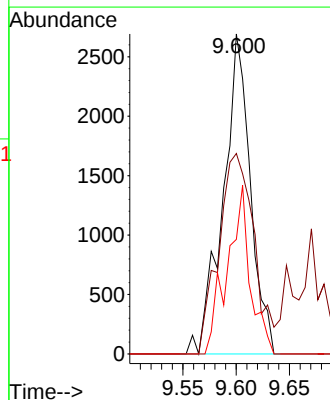
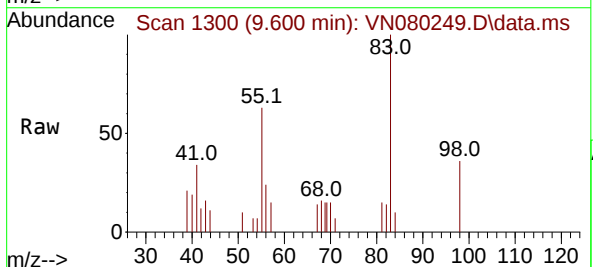
Instrument :
MSVOA_N
ClientSampleId :
1110

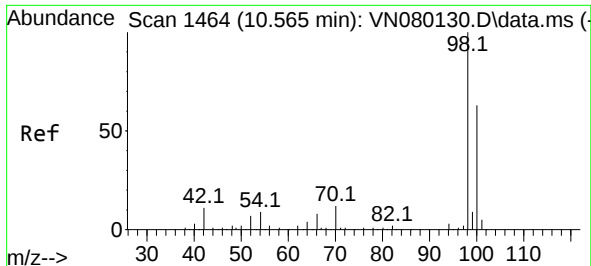
Tgt Ion:113 Resp: 134251
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 18.2 12.7 19.1



#39
Methylcyclohexane
Concen: 1.294 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN080249.D
Acq: 22 Nov 2023 15:55

Tgt Ion: 83 Resp: 4797
Ion Ratio Lower Upper
83 100
55 62.7 49.1 73.7
98 35.8 40.6 61.0#

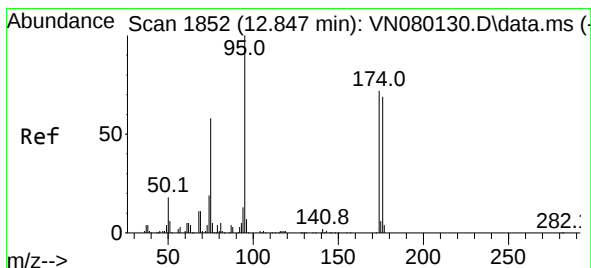
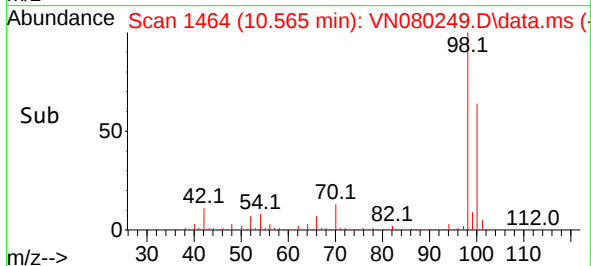
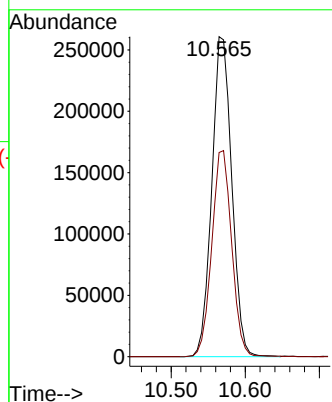
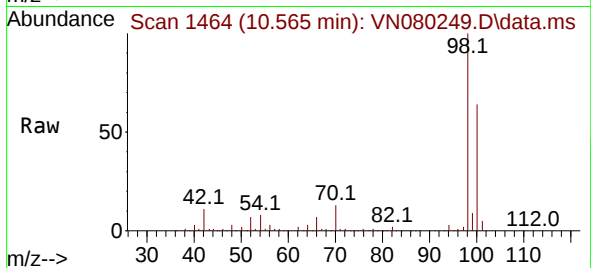




#50
Toluene-d8
Concen: 50.819 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080249.D
Acq: 22 Nov 2023 15:55

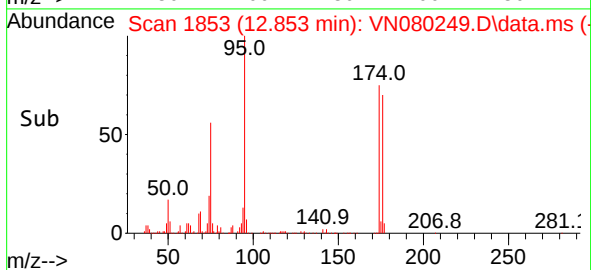
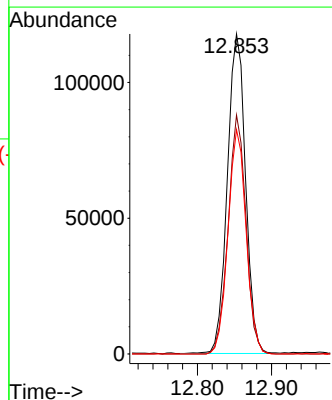
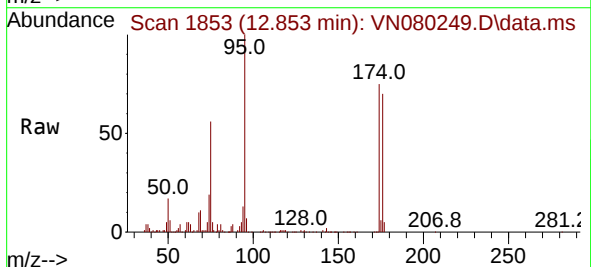
Instrument :
MSVOA_N
ClientSampleId :
1110

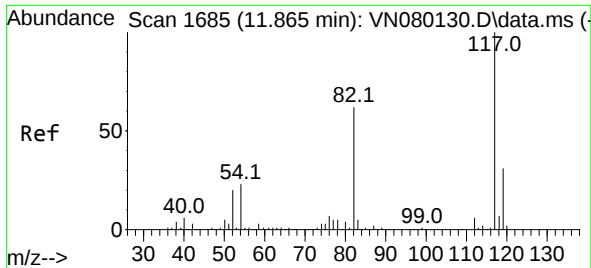
Tgt Ion: 98 Resp: 486523
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.433 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080249.D
Acq: 22 Nov 2023 15:55

Tgt Ion: 95 Resp: 200451
Ion Ratio Lower Upper
95 100
174 73.3 0.0 143.8
176 69.8 0.0 135.8

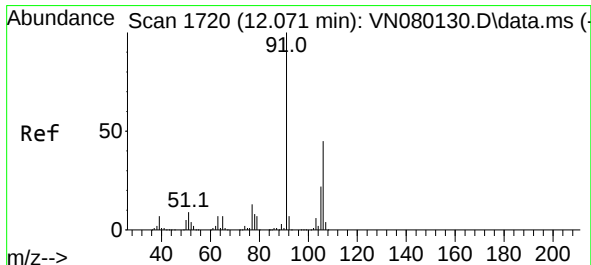
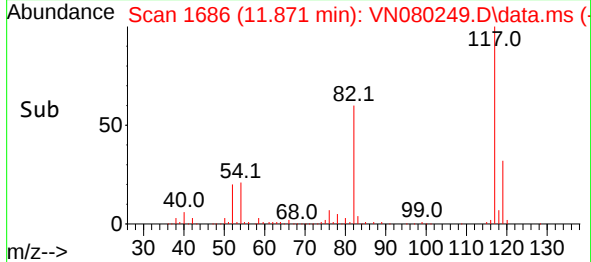
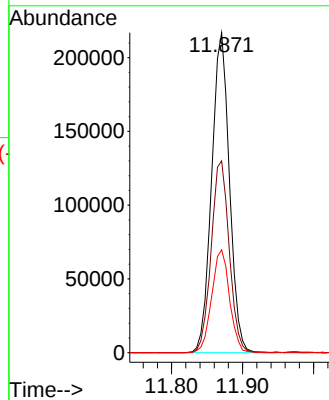
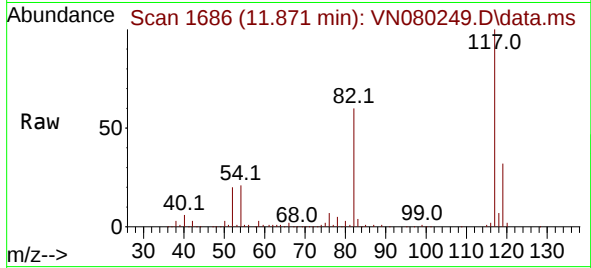




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VN080249.D
Acq: 22 Nov 2023 15:55

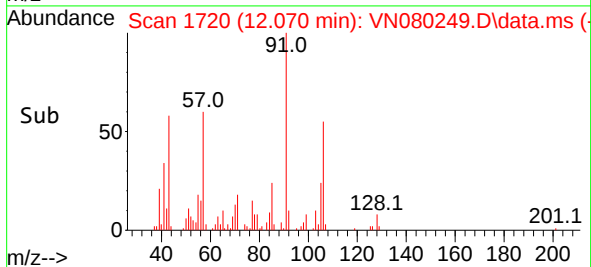
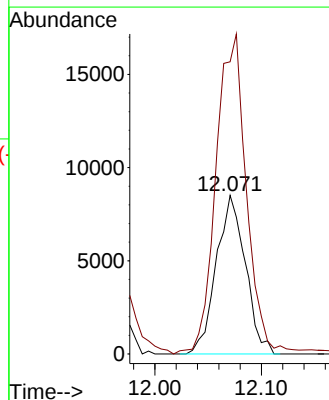
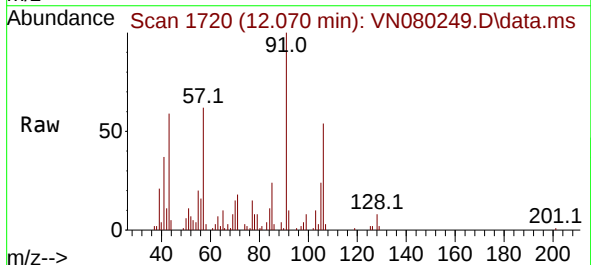
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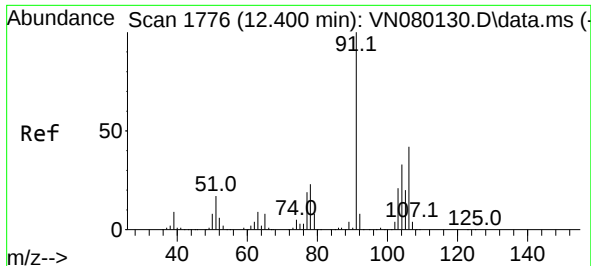
Tgt Ion:117 Resp: 376517
Ion Ratio Lower Upper
117 100
82 60.0 44.0 66.0
119 32.2 25.6 38.4



#68
m/p-Xylenes
Concen: 2.917 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080249.D
Acq: 22 Nov 2023 15:55

Tgt Ion:106 Resp: 16144
Ion Ratio Lower Upper
106 100
91 213.1 159.6 239.4

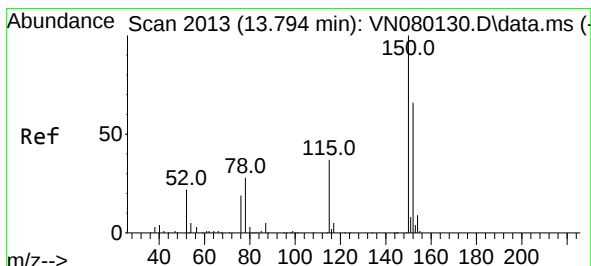
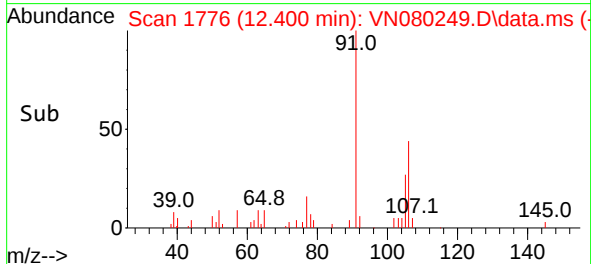
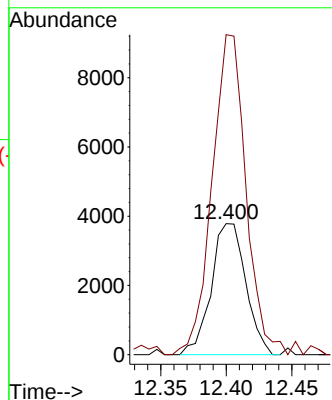
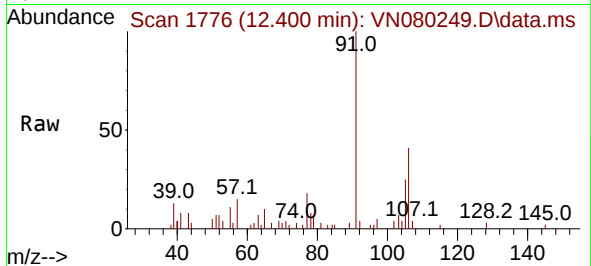




#69
o-Xylene
Concen: 1.331 ug/l
RT: 12.400 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN080249.D
Acq: 22 Nov 2023 15:55

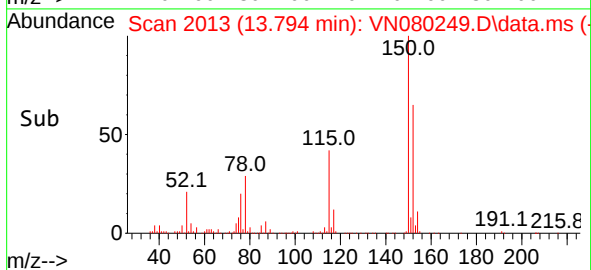
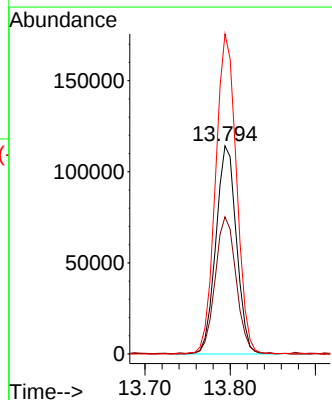
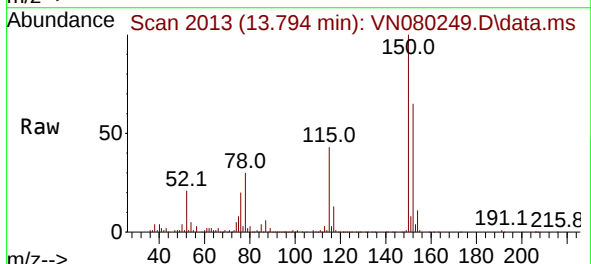
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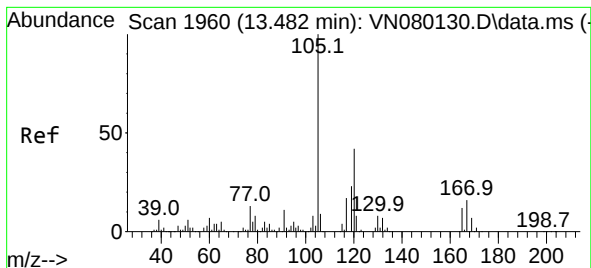
Tgt Ion:106 Resp: 6942
Ion Ratio Lower Upper
106 100
91 238.6 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080249.D
Acq: 22 Nov 2023 15:55

Tgt Ion:152 Resp: 191225
Ion Ratio Lower Upper
152 100
115 66.9 32.3 96.8
150 156.6 0.0 355.8





#84

1,2,4-Trimethylbenzene

Concen: 2.472 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080249.D

Acq: 22 Nov 2023 15:55

Instrument :

MSVOA_N

ClientSampleId :

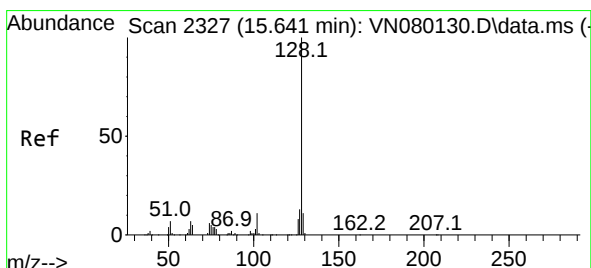
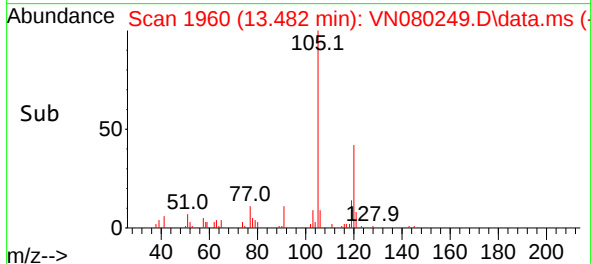
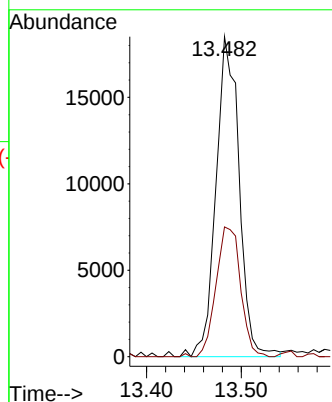
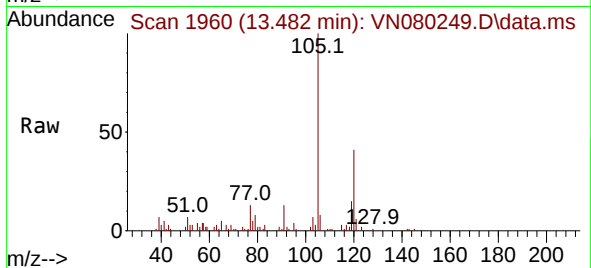
1110

Tgt Ion:105 Resp: 31482

Ion Ratio Lower Upper

105 100

120 42.8 22.0 66.0



#95

Naphthalene

Concen: 1.873 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN080249.D

Acq: 22 Nov 2023 15:55

Tgt Ion:128 Resp: 20399

Ion Ratio Lower Upper

128 100

127 17.0 10.0 15.0#

129 13.0 8.7 13.1

