

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076191.D
 Acq On : 10 Jan 2023 18:48
 Operator : JC\MD
 Sample : 01061-09 10X
 Misc : 1.00gr/10mL/100uL/5.0mL/MSVOA_N/MeOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 12123

Quant Time: Jan 11 01:09:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

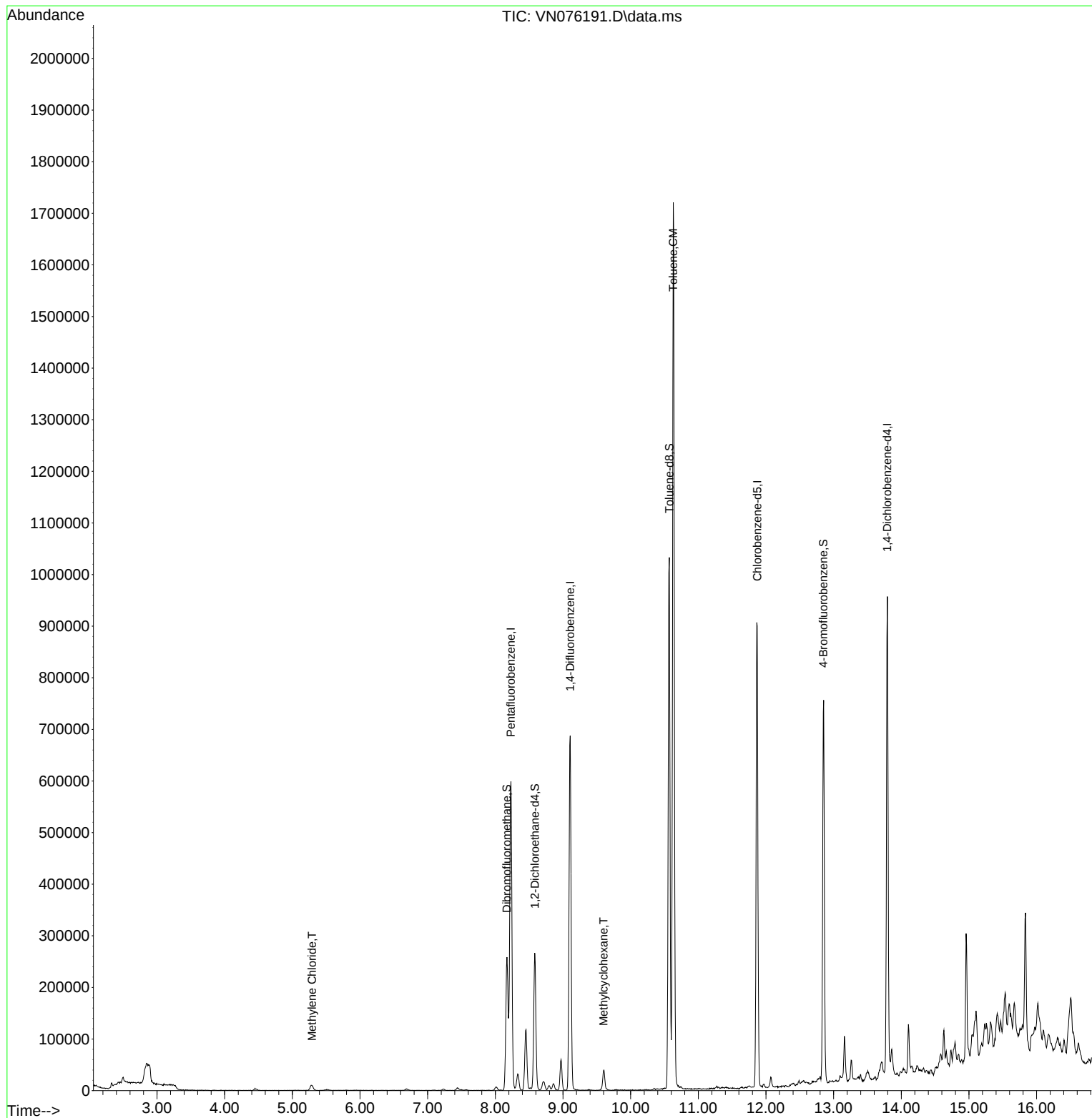
Internal Standards						
1) Pentafluorobenzene	8.230	168	409868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	642981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	566108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	265282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	210337	47.172	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.340%		
35) Dibromofluoromethane	8.171	113	184391	46.307	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.620%		
50) Toluene-d8	10.571	98	734631	49.344	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.680%		
62) 4-Bromofluorobenzene	12.847	95	250932	50.889	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.780%		
Target Compounds						
20) Methylene Chloride	5.289	84	9268	1.635	ug/l	94
39) Methylcyclohexane	9.600	83	17931	2.810	ug/l	91
52) Toluene	10.629	92	786463	73.993	ug/l	100

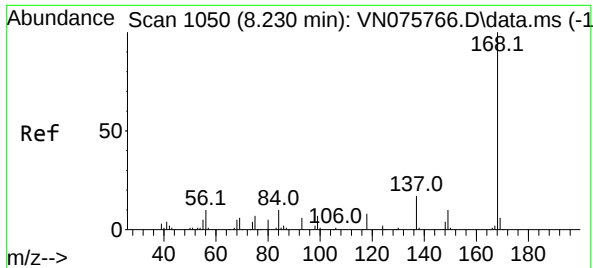
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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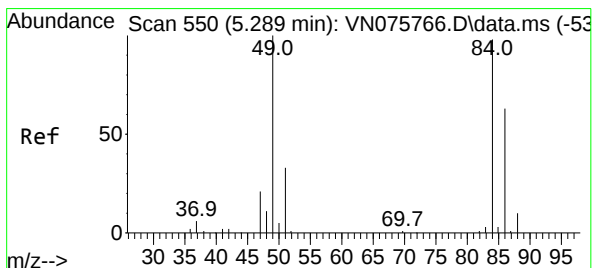
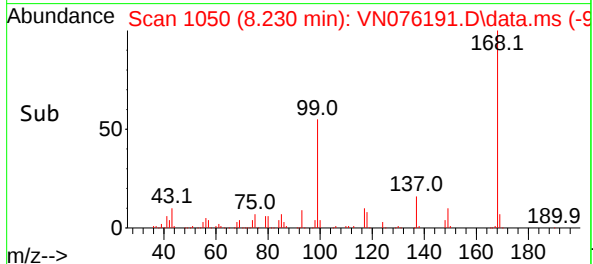
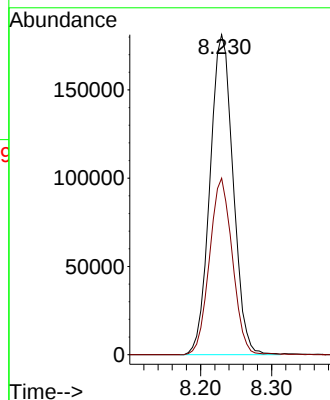
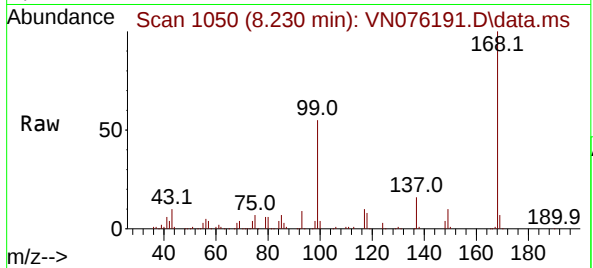




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076191.D
Acq: 10 Jan 2023 18:48

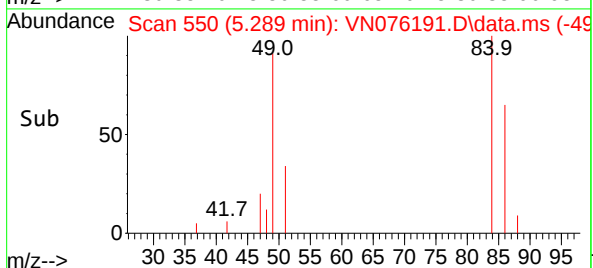
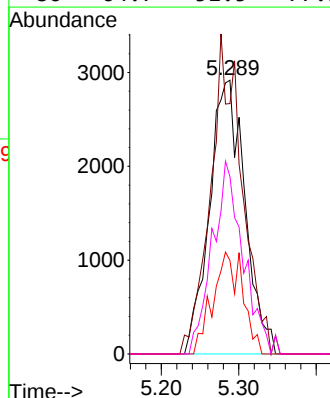
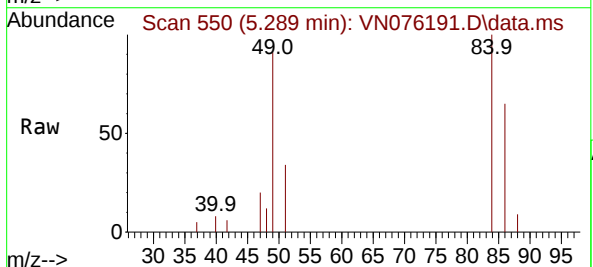
Instrument :
MSVOA_N
ClientSampleId :
12123

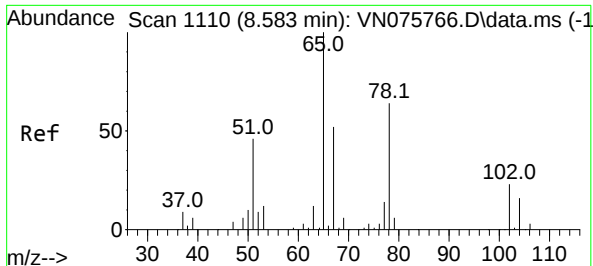
Tgt Ion:168 Resp: 409868
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4



#20
Methylene Chloride
Concen: 1.635 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076191.D
Acq: 10 Jan 2023 18:48

Tgt Ion: 84 Resp: 9268
Ion Ratio Lower Upper
84 100
49 91.4 81.8 122.6
51 34.1 26.7 40.1
86 64.7 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 47.172 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076191.D

Acq: 10 Jan 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

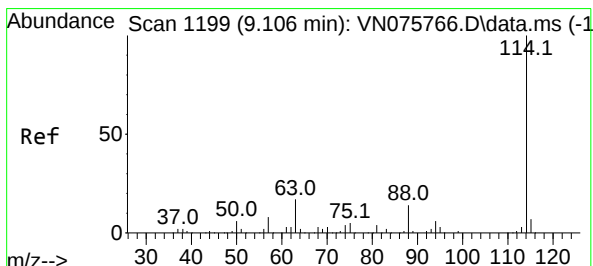
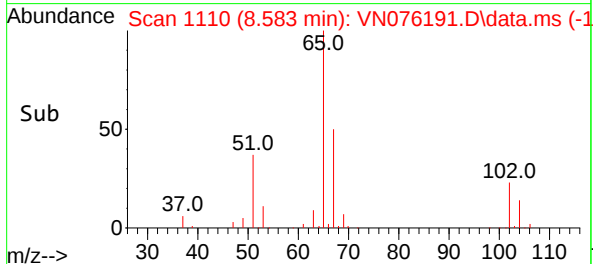
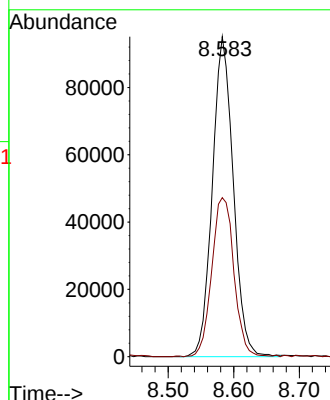
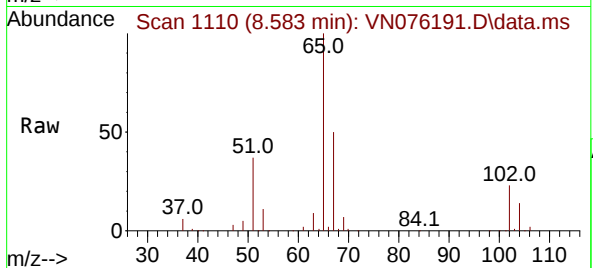
12123

Tgt Ion: 65 Resp: 210337

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076191.D

Acq: 10 Jan 2023 18:48

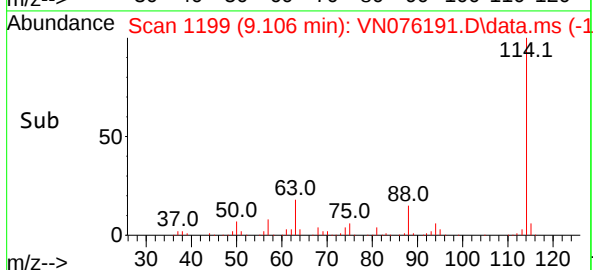
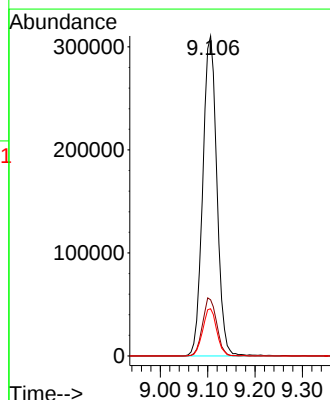
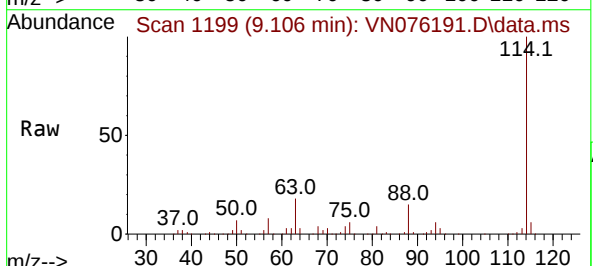
Tgt Ion: 114 Resp: 642981

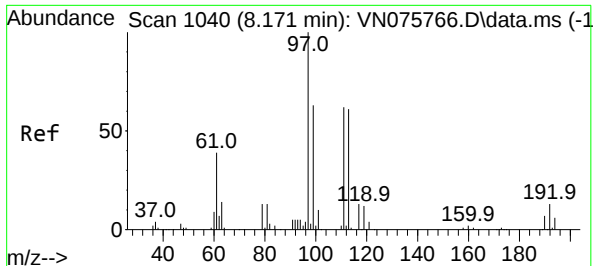
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.307 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076191.D

Acq: 10 Jan 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

12123

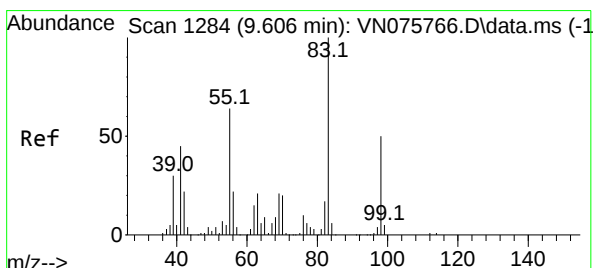
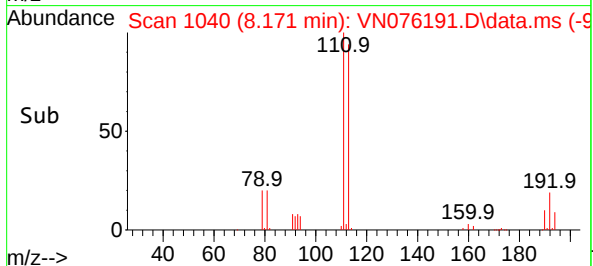
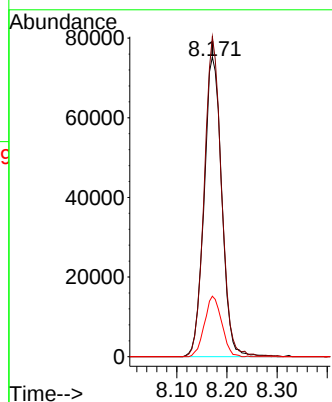
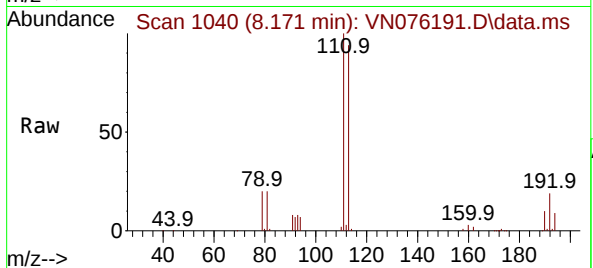
Tgt Ion:113 Resp: 184391

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 19.7 16.1 24.1



#39

Methylcyclohexane

Concen: 2.810 ug/l

RT: 9.600 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VN076191.D

Acq: 10 Jan 2023 18:48

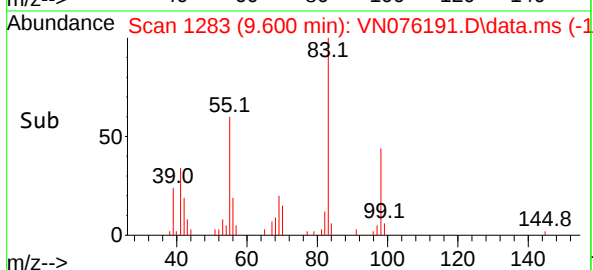
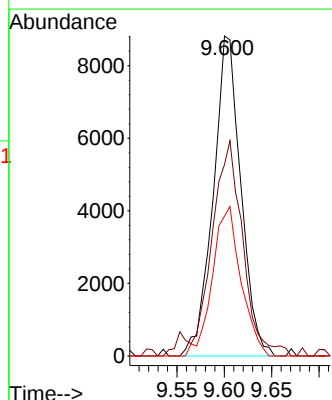
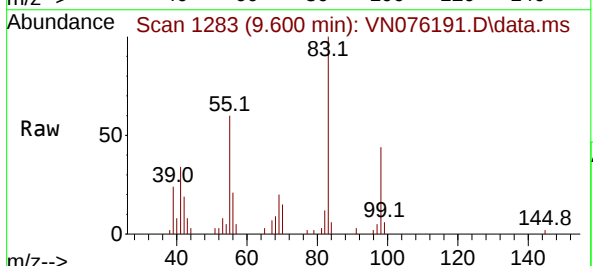
Tgt Ion: 83 Resp: 17931

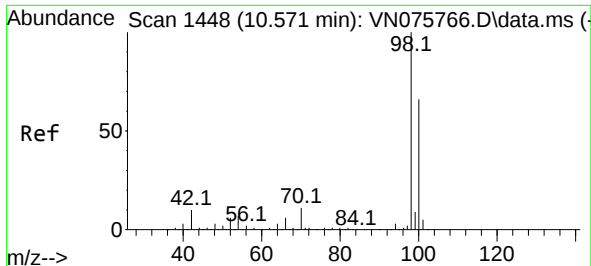
Ion Ratio Lower Upper

83 100

55 56.7 51.4 77.0

98 43.7 39.8 59.8

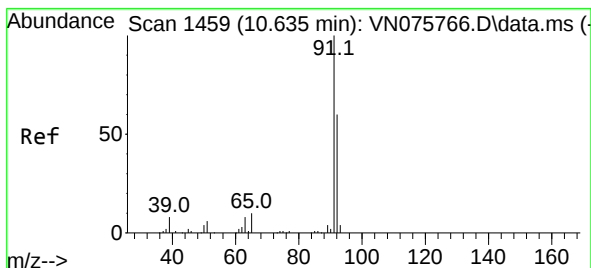
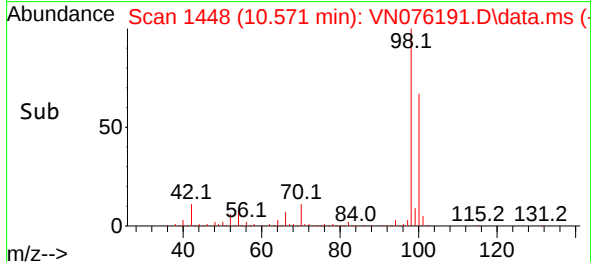
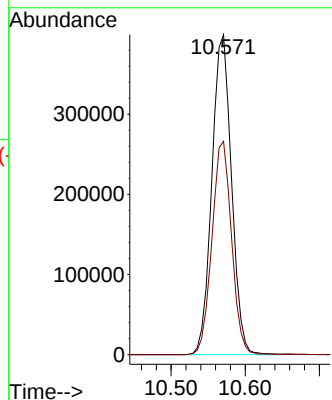
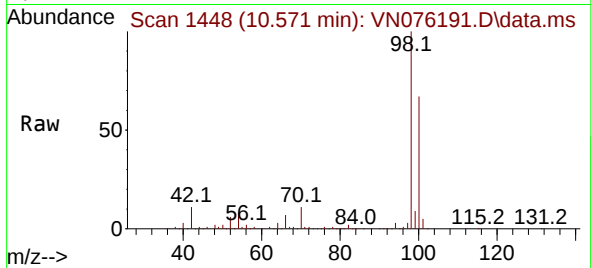




#50
Toluene-d8
Concen: 49.344 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076191.D
Acq: 10 Jan 2023 18:48

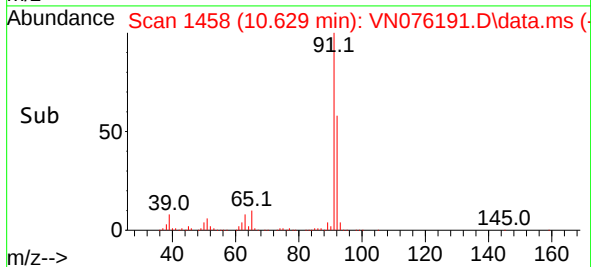
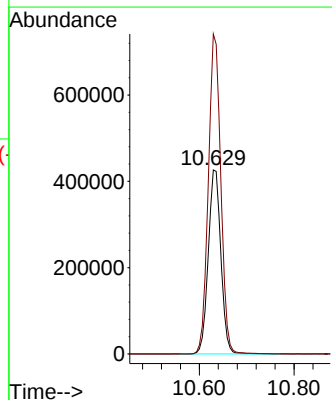
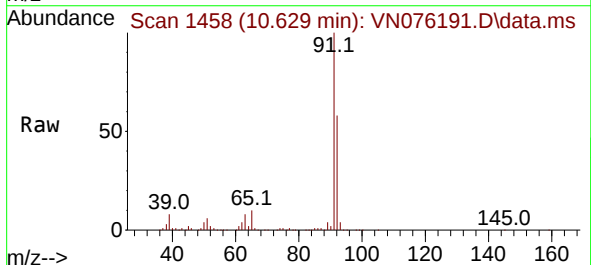
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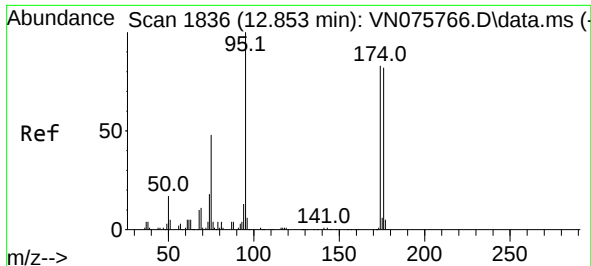
Tgt Ion: 98 Resp: 734631
Ion Ratio Lower Upper
98 100
100 66.7 52.1 78.1



#52
Toluene
Concen: 73.993 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076191.D
Acq: 10 Jan 2023 18:48

Tgt Ion: 92 Resp: 786463
Ion Ratio Lower Upper
92 100
91 172.2 137.3 205.9

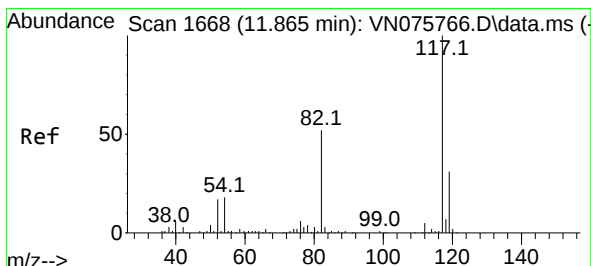
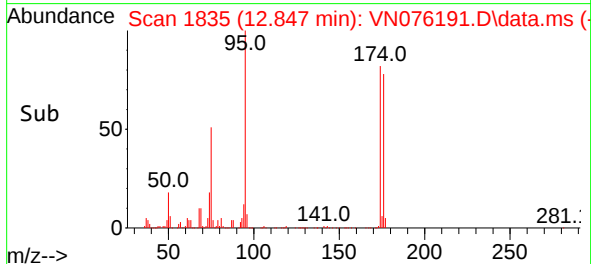
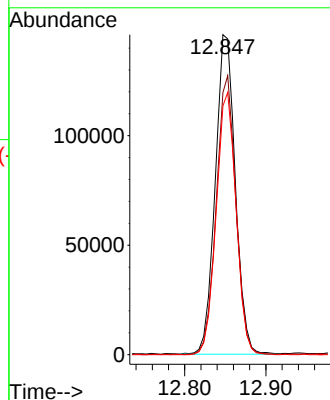
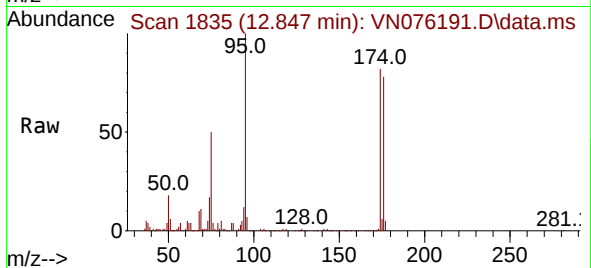




#62
4-Bromofluorobenzene
Concen: 50.889 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN076191.D
Acq: 10 Jan 2023 18:48

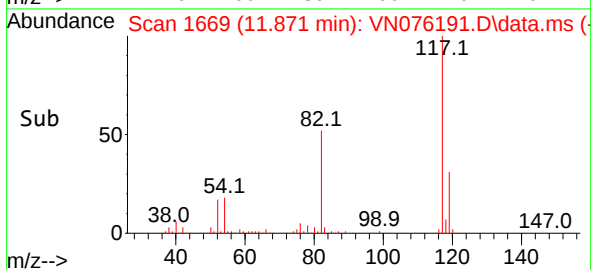
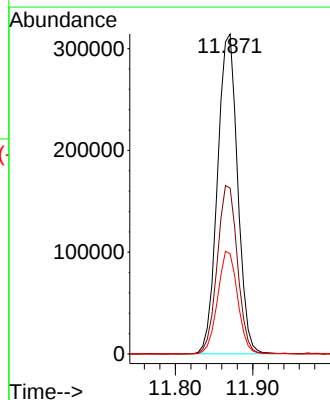
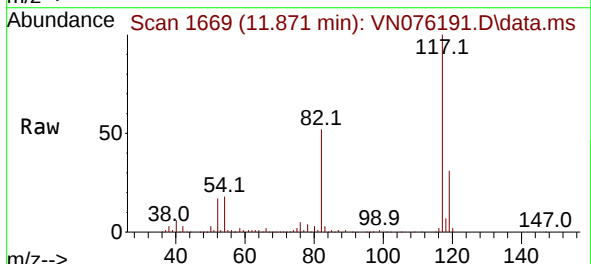
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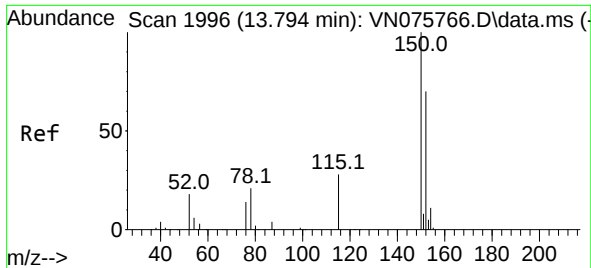
Tgt Ion: 95 Resp: 250932
Ion Ratio Lower Upper
95 100
174 85.3 0.0 171.6
176 81.1 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076191.D
Acq: 10 Jan 2023 18:48

Tgt Ion: 117 Resp: 566108
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 31.3 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076191.D
 Acq: 10 Jan 2023 18:48

Instrument :
 MSVOA_N
 ClientSampleId :
 12123

Tgt Ion:152 Resp: 265282
 Ion Ratio Lower Upper
 152 100
 115 57.5 29.1 87.4
 150 154.9 0.0 347.0

