

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012620.D
 Acq On : 15 Feb 2023 17:35
 Operator : KP/MD
 Sample : 01559-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW10-GW-798-800

Quant Time: Feb 16 01:01:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

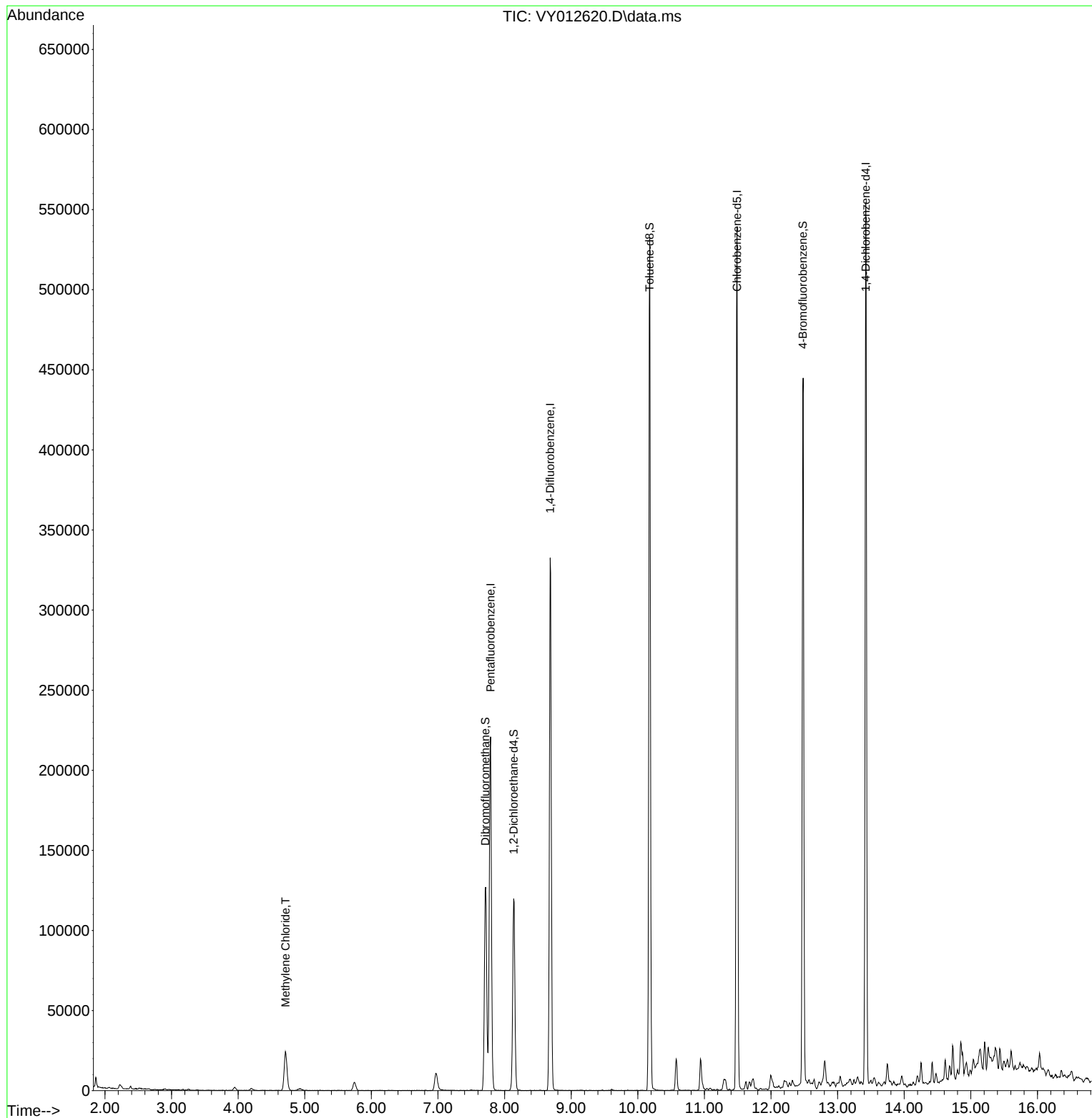
Internal Standards						
1) Pentafluorobenzene	7.789	168	180031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	300990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	304640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100431	43.869	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.740%		
35) Dibromofluoromethane	7.710	113	89598	40.875	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.760%		
50) Toluene-d8	10.179	98	354725	38.880	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	77.760%		
62) 4-Bromofluorobenzene	12.477	95	129673	40.747	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	81.500%		
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	20127	6.073	ug/l	95

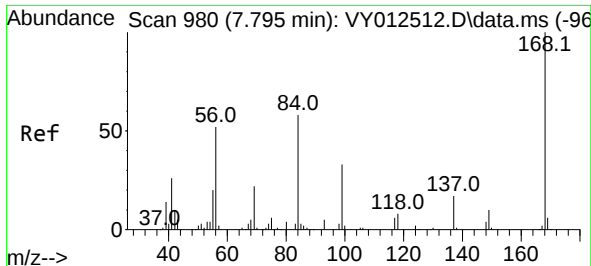
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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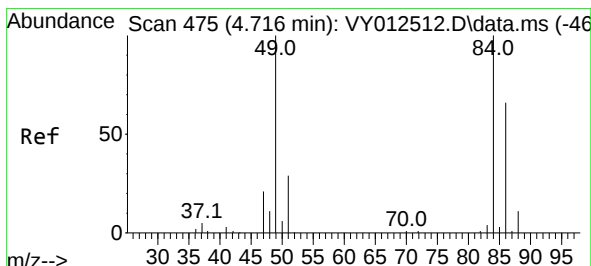
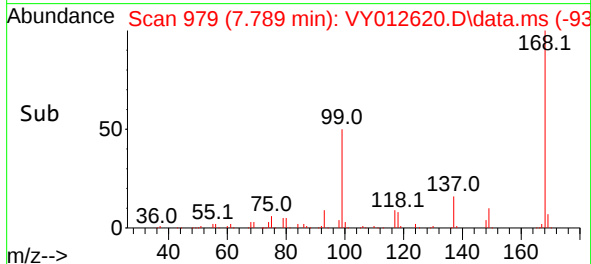
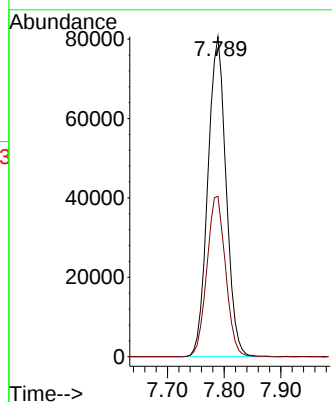
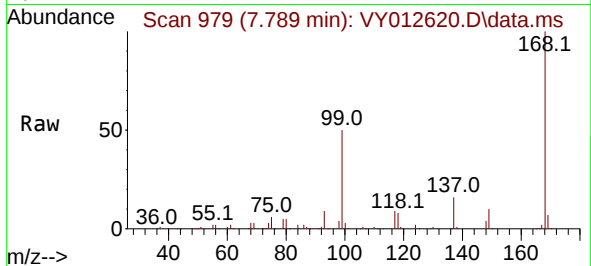




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012620.D
Acq: 15 Feb 2023 17:35

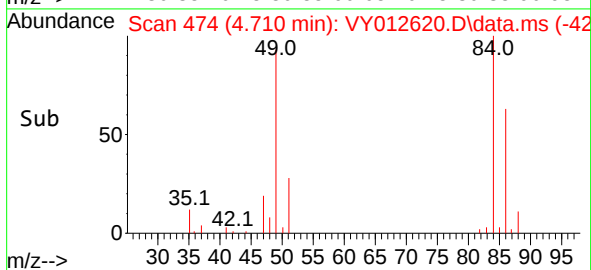
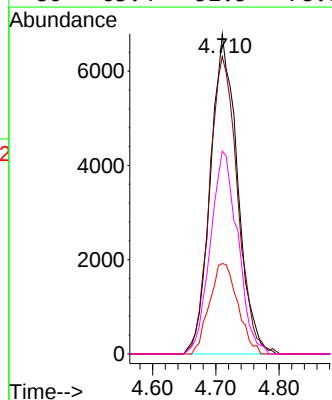
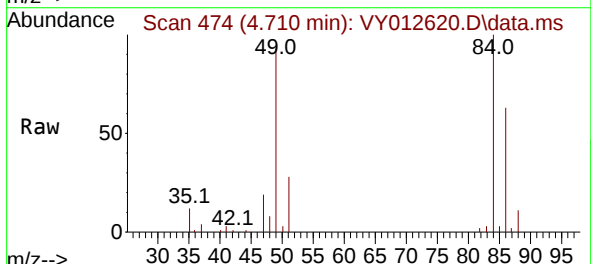
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW10-GW-798-800

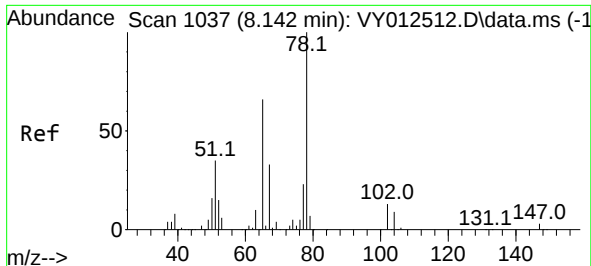
Tgt Ion:168 Resp: 180031
Ion Ratio Lower Upper
168 100
99 50.1 40.8 61.2



#20
Methylene Chloride
Concen: 6.073 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012620.D
Acq: 15 Feb 2023 17:35

Tgt Ion: 84 Resp: 20127
Ion Ratio Lower Upper
84 100
49 93.0 79.8 119.6
51 28.3 23.4 35.2
86 63.4 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 43.869 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY012620.D

Acq: 15 Feb 2023 17:35

Instrument :

MSVOA_Y

ClientSampleId :

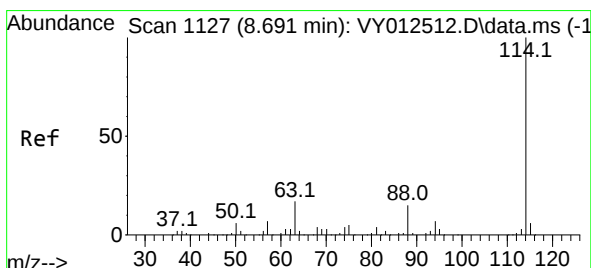
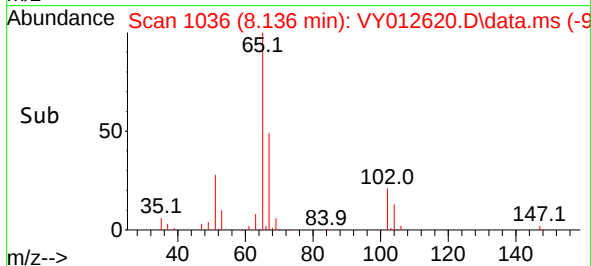
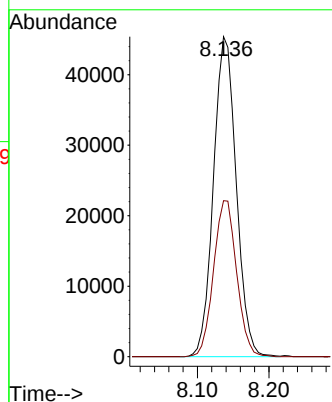
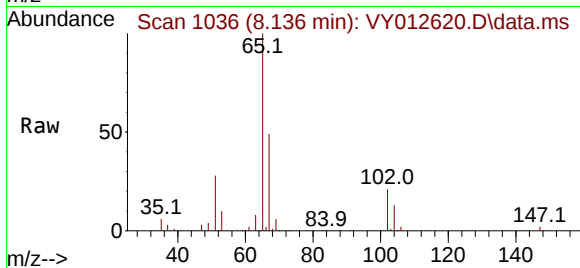
BP-VPB-RW10-GW-798-800

Tgt Ion: 65 Resp: 100431

Ion Ratio Lower Upper

65 100

67 49.4 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012620.D

Acq: 15 Feb 2023 17:35

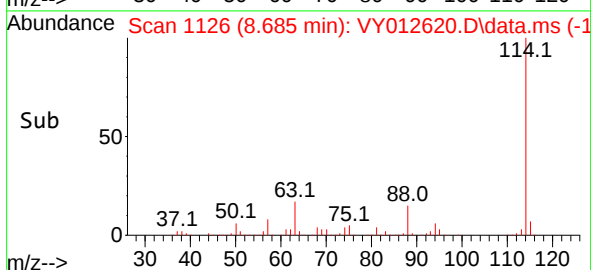
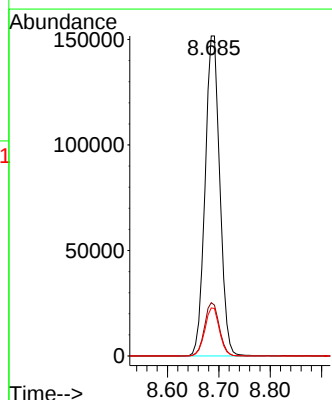
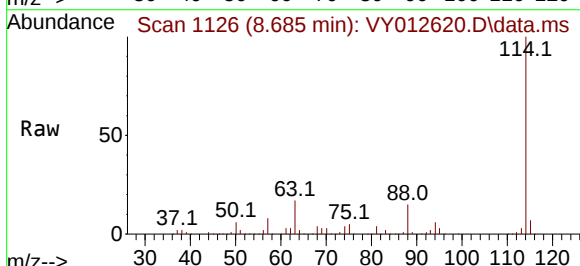
Tgt Ion: 114 Resp: 300990

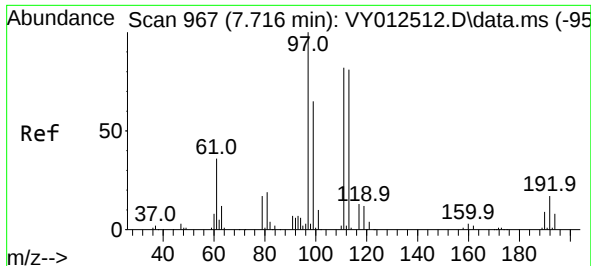
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.6

88 15.0 0.0 29.8

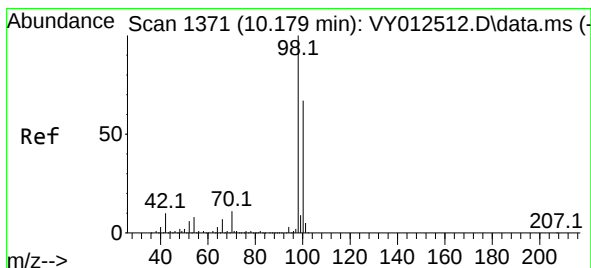
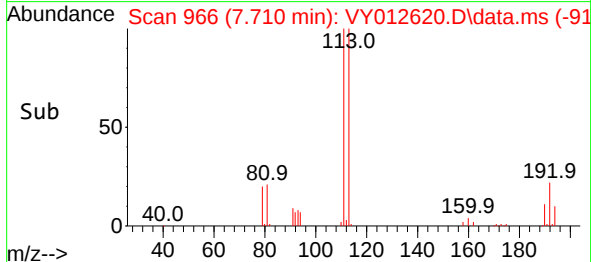
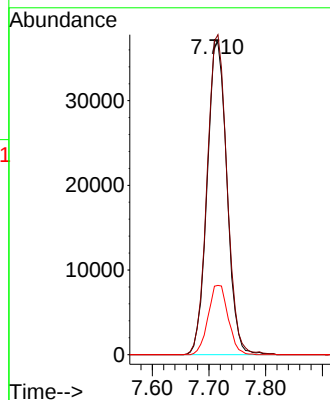
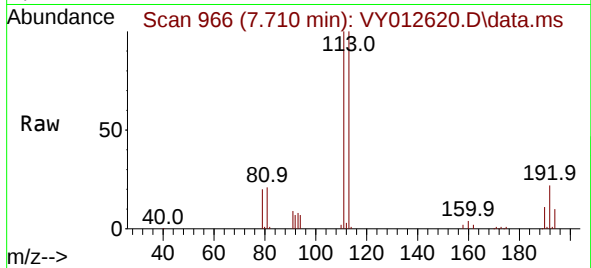




#35
Dibromofluoromethane
Concen: 40.875 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012620.D
Acq: 15 Feb 2023 17:35

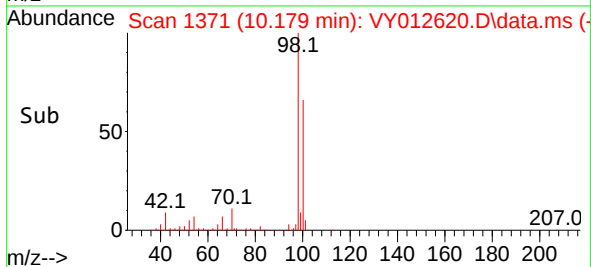
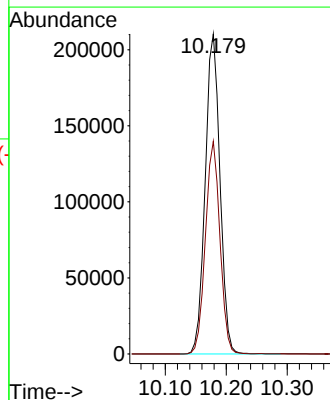
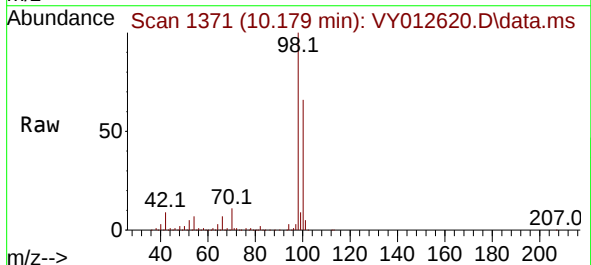
Instrument :
MSVOA_Y
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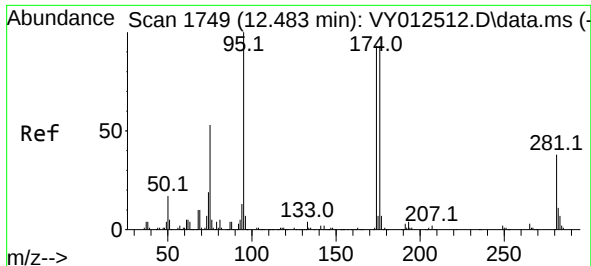
Tgt Ion:113 Resp: 89598
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 22.4 17.5 26.3



#50
Toluene-d8
Concen: 38.880 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012620.D
Acq: 15 Feb 2023 17:35

Tgt Ion: 98 Resp: 354725
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2

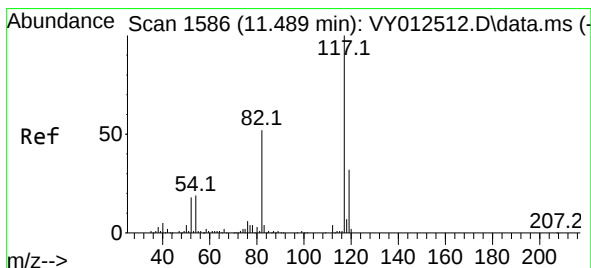
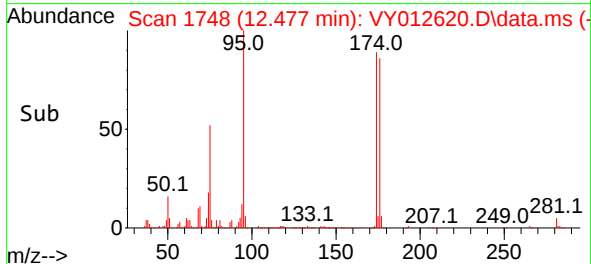
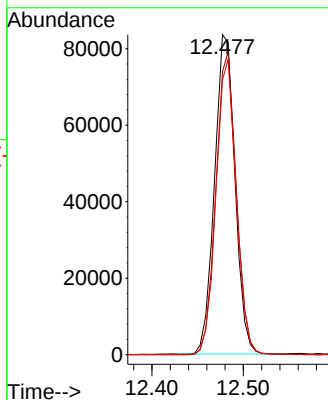
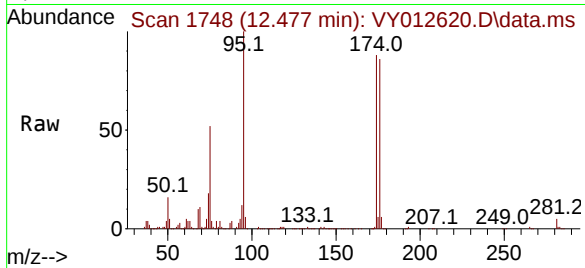




#62
4-Bromofluorobenzene
Concen: 40.747 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012620.D
Acq: 15 Feb 2023 17:35

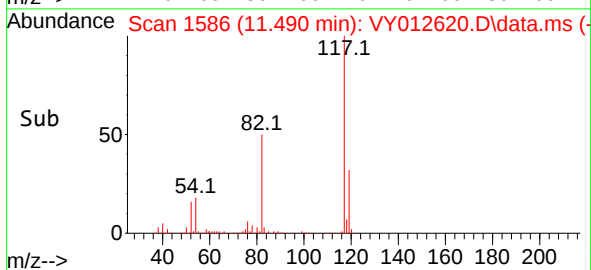
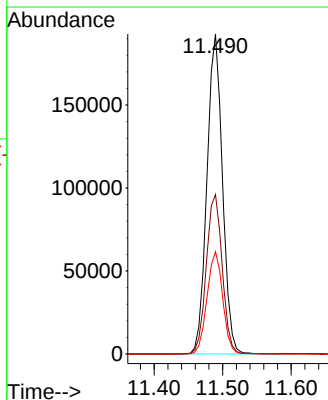
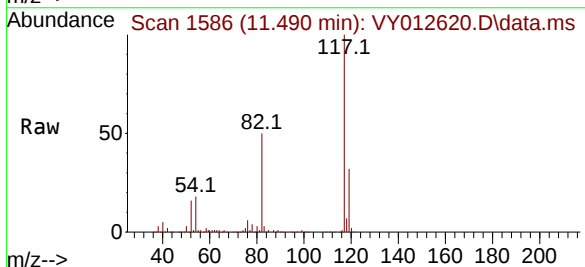
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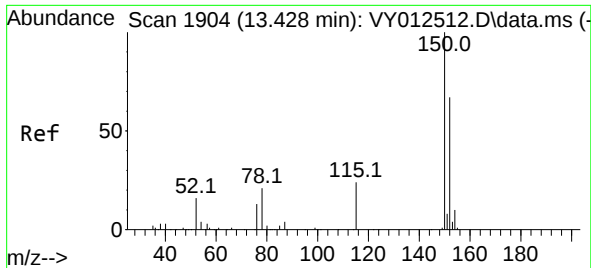
Tgt Ion: 95 Resp: 129673
Ion Ratio Lower Upper
95 100
174 94.7 0.0 188.0
176 91.9 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012620.D
Acq: 15 Feb 2023 17:35

Tgt Ion: 117 Resp: 304640
Ion Ratio Lower Upper
117 100
82 49.8 41.7 62.5
119 31.9 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY012620.D
 Acq: 15 Feb 2023 17:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW10-GW-798-800

Tgt Ion:152 Resp: 150948
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.1 84.3
 150 157.3 0.0 351.0

