

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082522\
 Data File : VY010211.D
 Acq On : 25 Aug 2022 18:16
 Operator : KP/MD
 Sample : N4323-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-082322

Quant Time: Aug 26 06:48:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:12:05 2022
 Response via : Initial Calibration

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

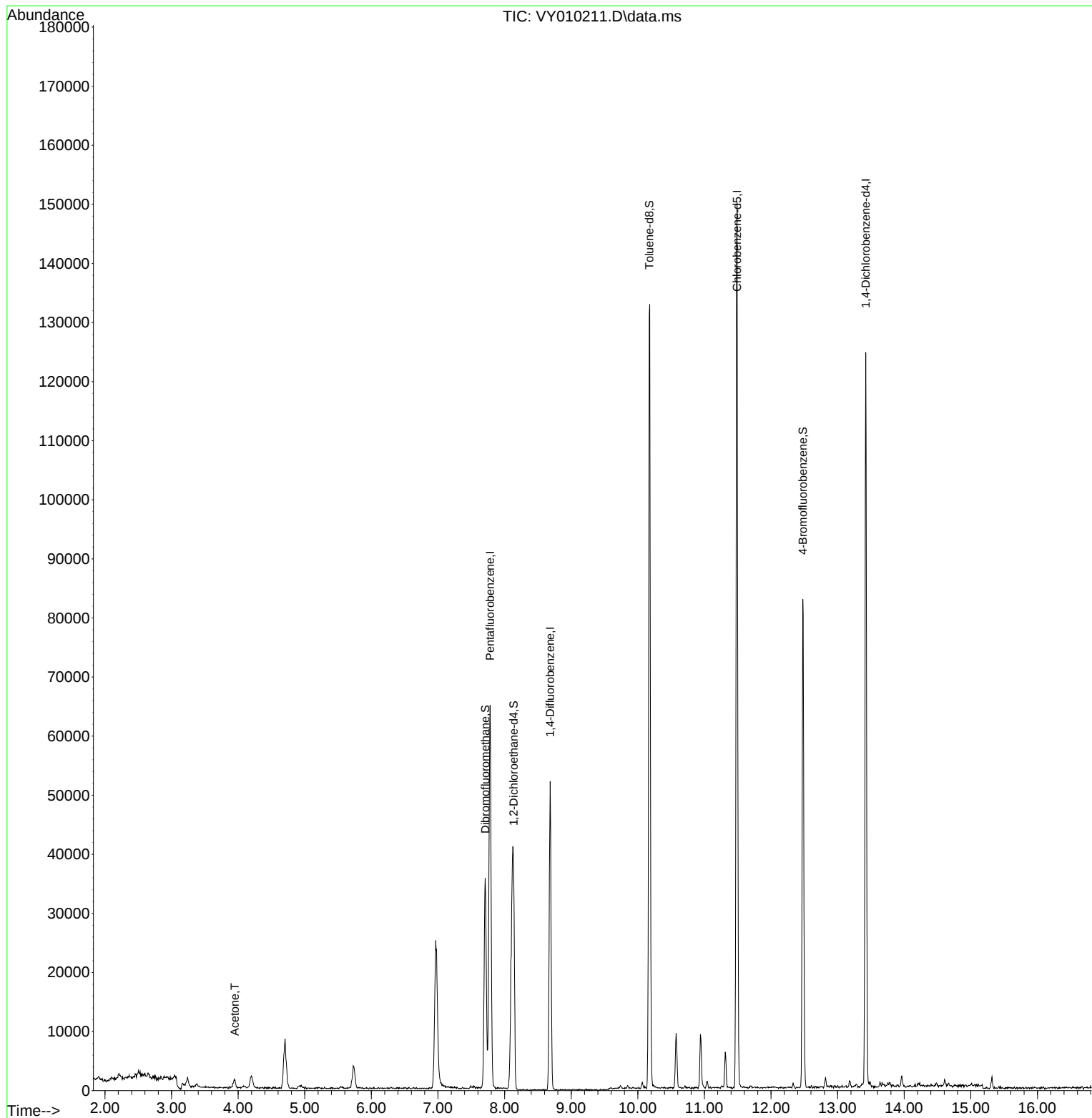
Internal Standards						
1) Pentafluorobenzene	7.783	168	51049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	44950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	83062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22087	51.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.240%	
35) Dibromofluoromethane	7.710	113	25393	86.160	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 172.320%#	
50) Toluene-d8	10.173	98	89249	87.263	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 174.520%#	
62) 4-Bromofluorobenzene	12.477	95	23764	60.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 121.300%	
Target Compounds						Qvalue
16) Acetone	3.948	43	2332	16.826	ug/l	99

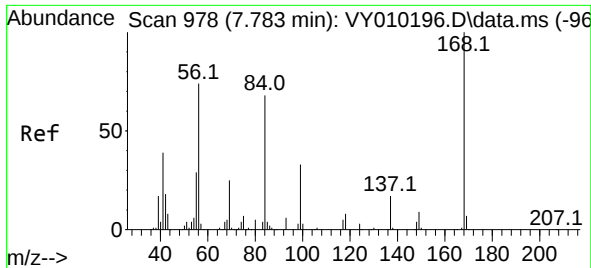
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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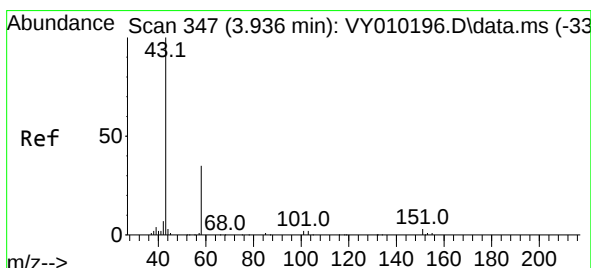
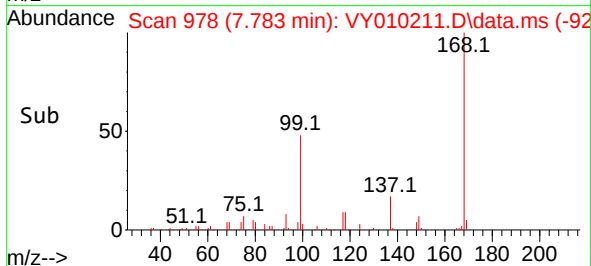
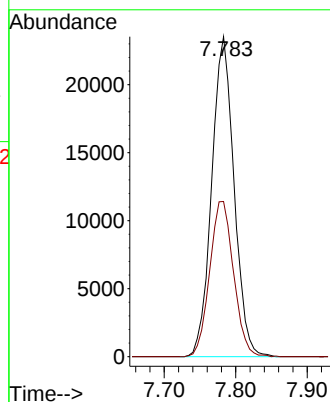
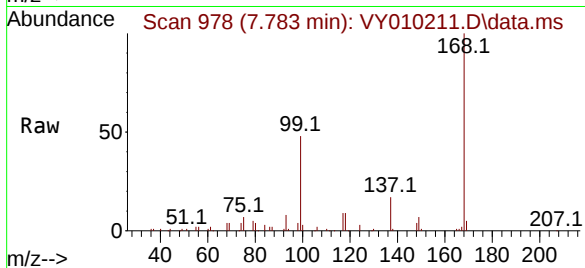




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010211.D
Acq: 25 Aug 2022 18:16

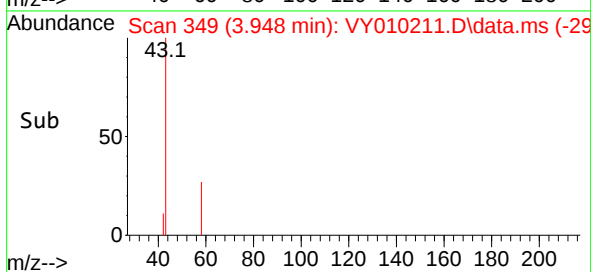
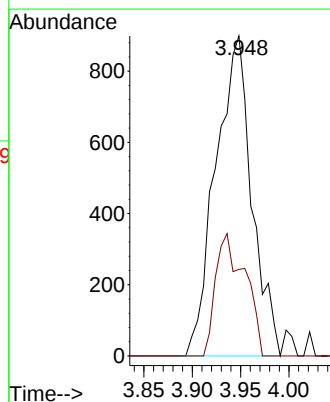
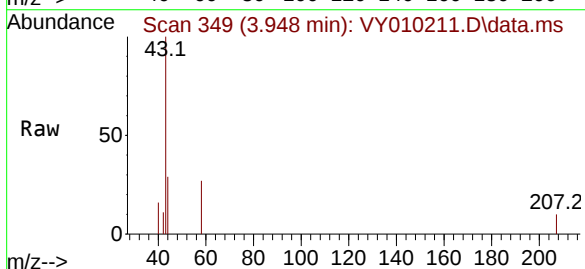
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-082322

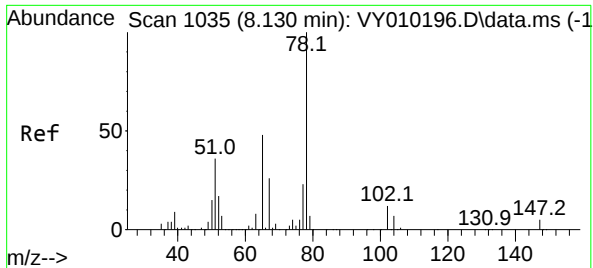
Tgt Ion:168 Resp: 51049
Ion Ratio Lower Upper
168 100
99 48.5 46.9 70.3



#16
Acetone
Concen: 16.826 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010211.D
Acq: 25 Aug 2022 18:16

Tgt Ion: 43 Resp: 2332
Ion Ratio Lower Upper
43 100
58 27.0 22.0 33.0

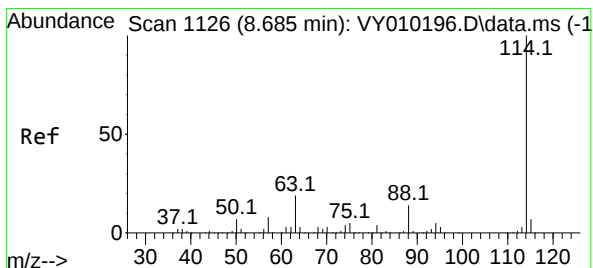
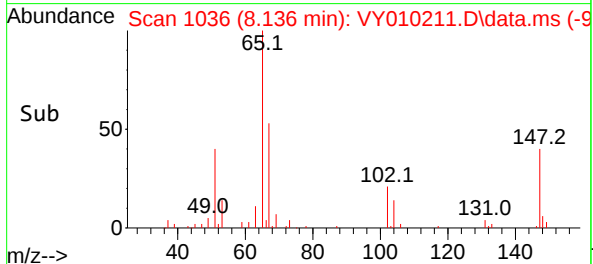
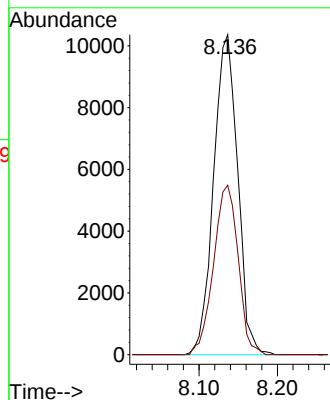
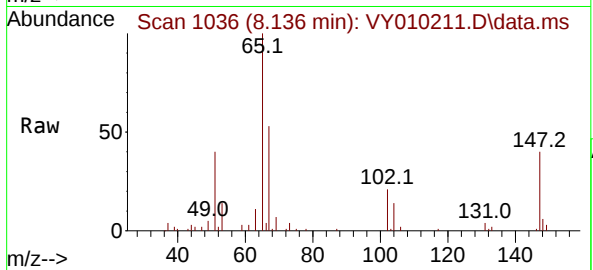




#33
 1,2-Dichloroethane-d4
 Concen: 51.623 ug/l
 RT: 8.136 min Scan# 1035
 Delta R.T. 0.006 min
 Lab File: VY010211.D
 Acq: 25 Aug 2022 18:16

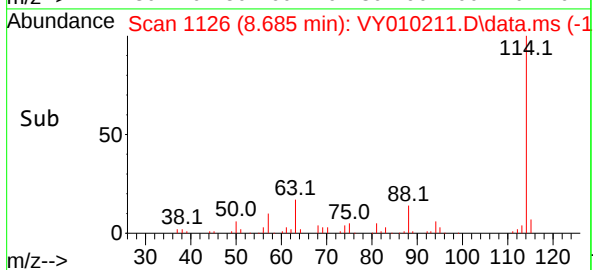
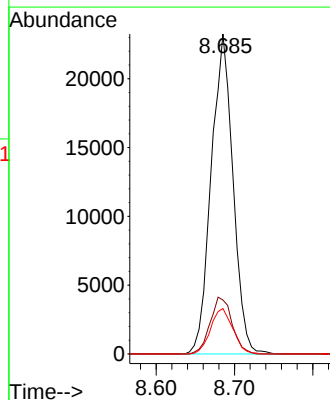
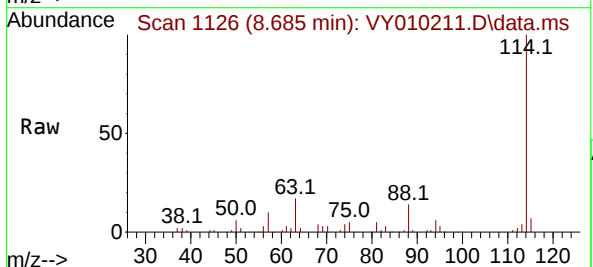
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-082322

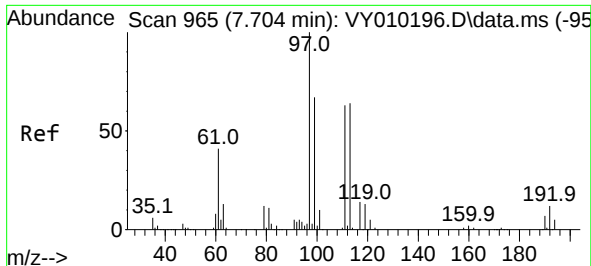
Tgt Ion: 65 Resp: 22087
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010211.D
 Acq: 25 Aug 2022 18:16

Tgt Ion: 114 Resp: 44950
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 43.2
 88 14.2 0.0 31.8

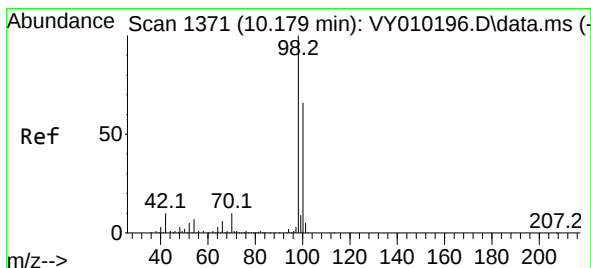
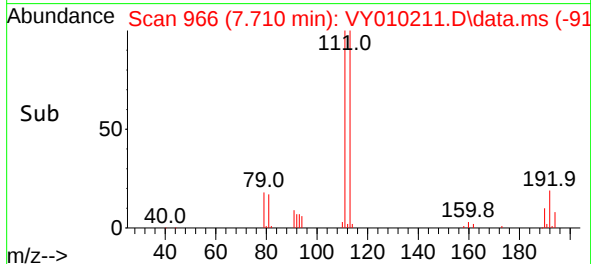
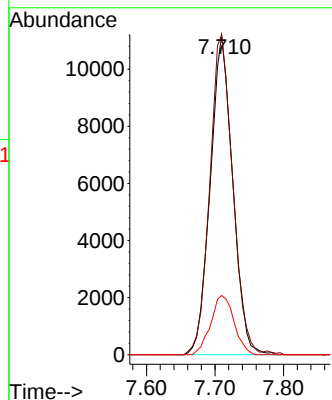
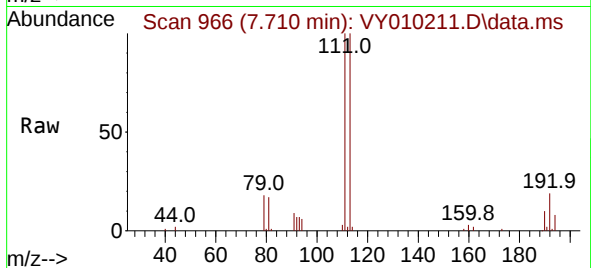




#35
Dibromofluoromethane
Concen: 86.160 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010211.D
Acq: 25 Aug 2022 18:16

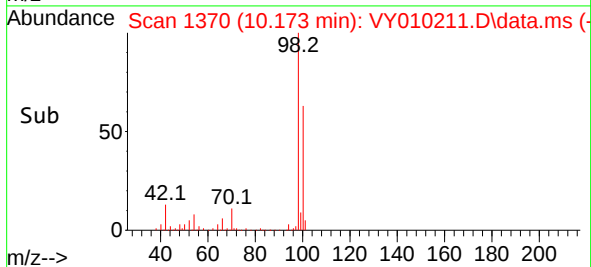
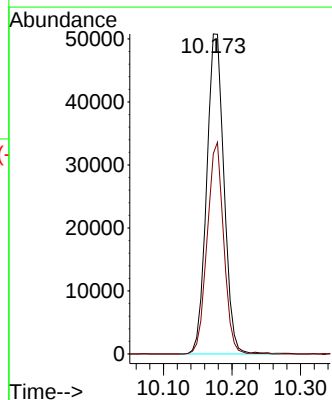
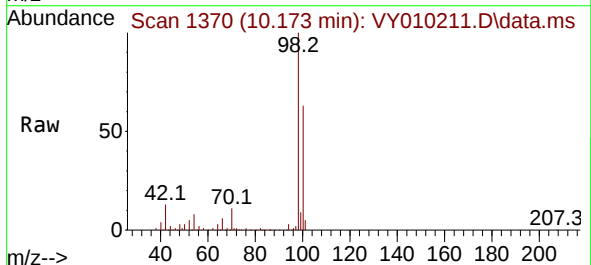
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-082322

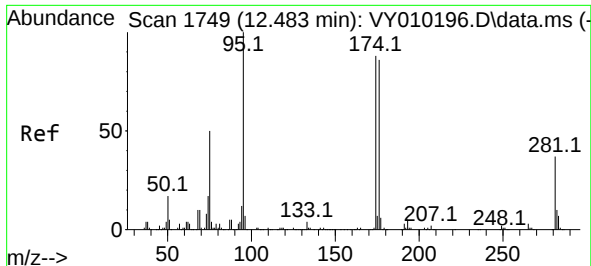
Tgt Ion:113 Resp: 25393
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.3 17.6 26.4



#50
Toluene-d8
Concen: 87.263 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY010211.D
Acq: 25 Aug 2022 18:16

Tgt Ion: 98 Resp: 89249
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

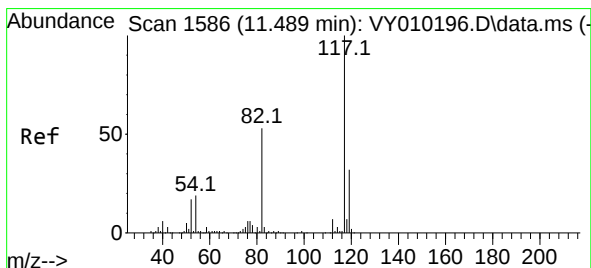
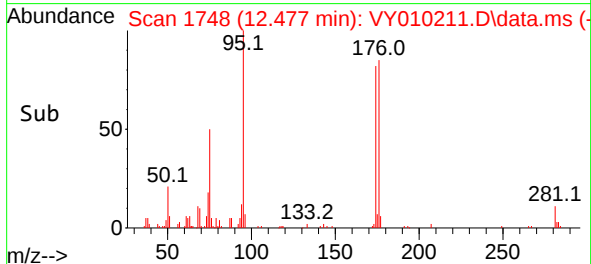
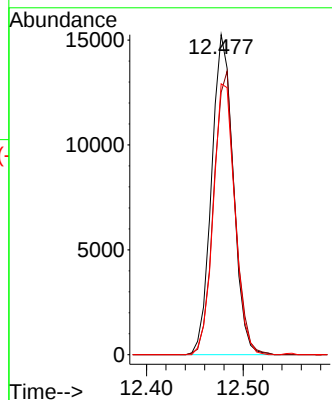
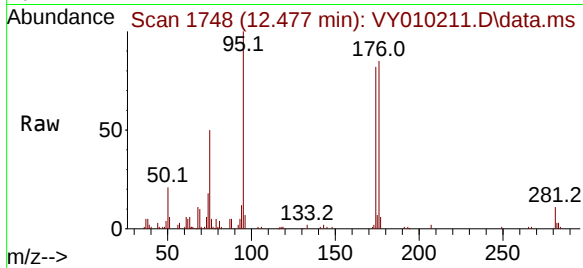




#62
4-Bromofluorobenzene
Concen: 60.650 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010211.D
Acq: 25 Aug 2022 18:16

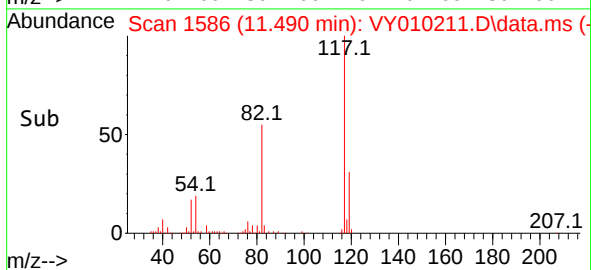
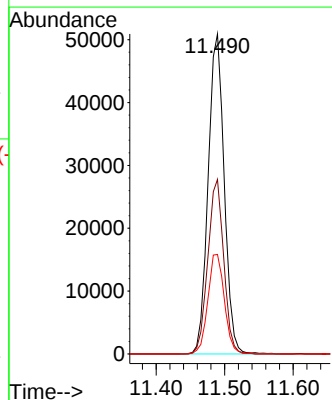
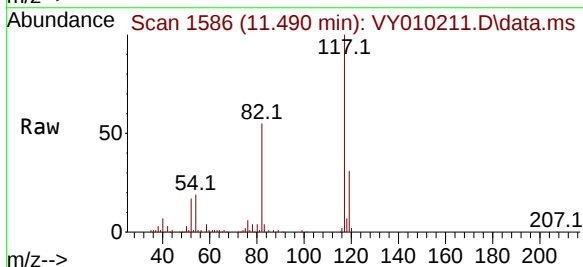
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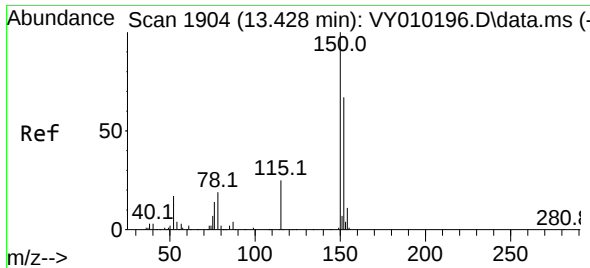
Tgt Ion: 95 Resp: 23764
Ion Ratio Lower Upper
95 100
174 87.0 0.0 177.0
176 84.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010211.D
Acq: 25 Aug 2022 18:16

Tgt Ion: 117 Resp: 83062
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 31.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY010211.D
 Acq: 25 Aug 2022 18:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-082322

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.2	84.7
150	159.4	0.0	347.6

