

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101822\
 Data File : VY010999.D
 Acq On : 18 Oct 2022 17:07
 Operator : KP/MD
 Sample : N5149-14RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW5-GW-963-965RE

Quant Time: Oct 18 17:27:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

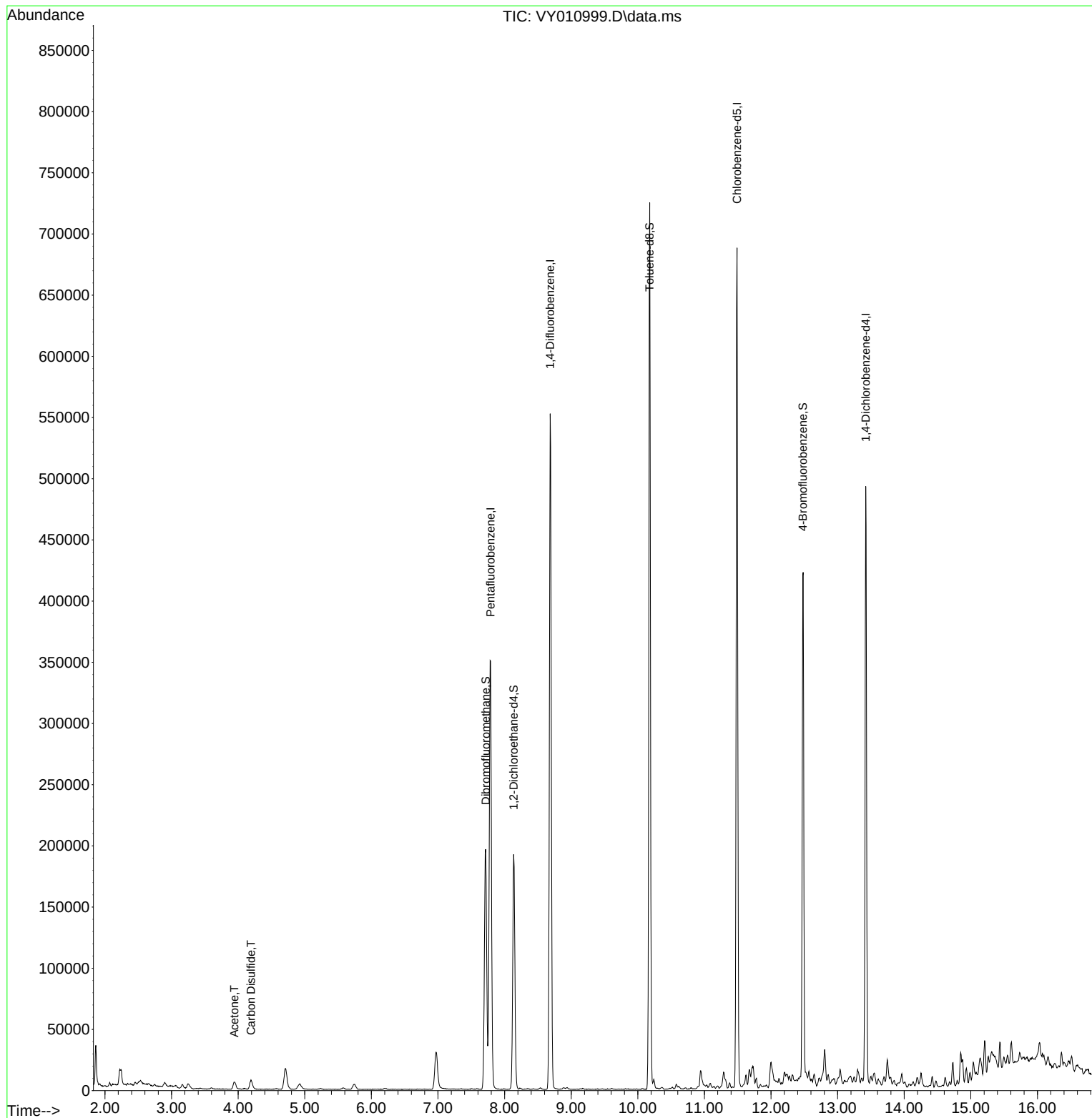
Internal Standards						
1) Pentafluorobenzene	7.789	168	279768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	483750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	381815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	144705	56.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.300%
35) Dibromofluoromethane	7.715	113	143990	53.551	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.100%
50) Toluene-d8	10.178	98	465997	46.135	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.280%
62) 4-Bromofluorobenzene	12.477	95	133370	36.442	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.880%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	10868	14.522	ug/l	95
17) Carbon Disulfide	4.192	76	9453	1.215	ug/l	95

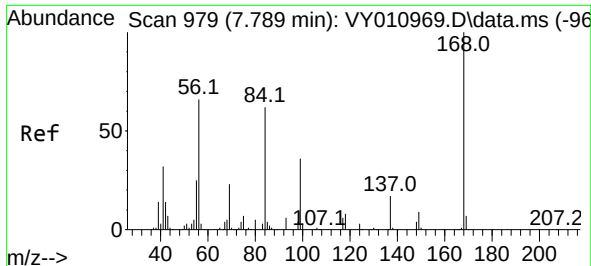
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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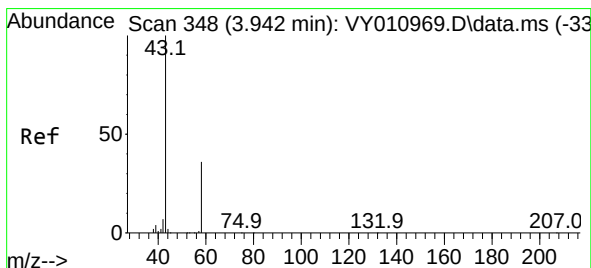
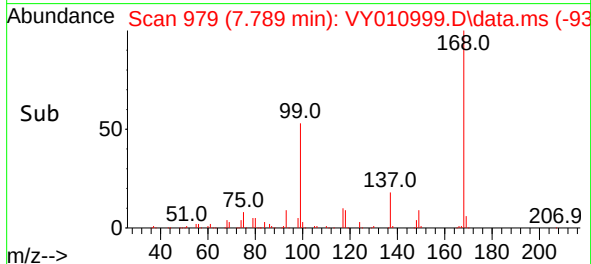
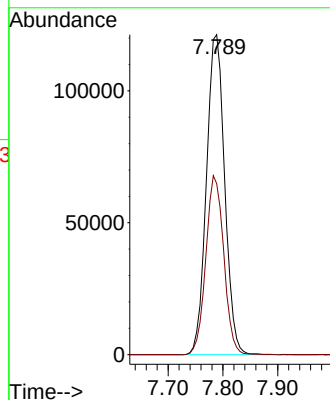
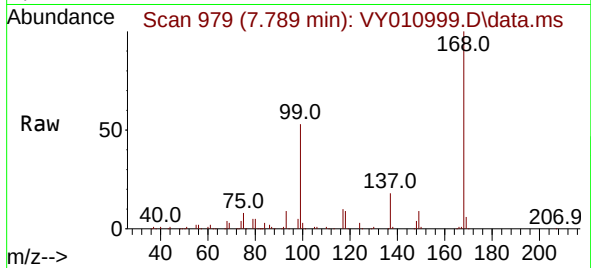




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010999.D
Acq: 18 Oct 2022 17:07

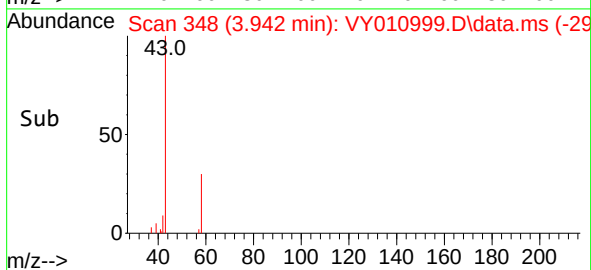
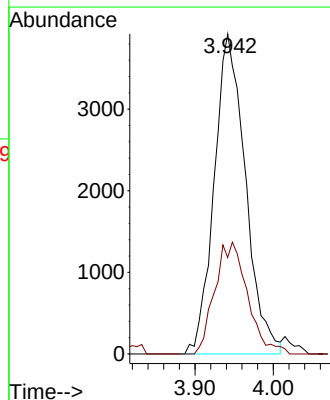
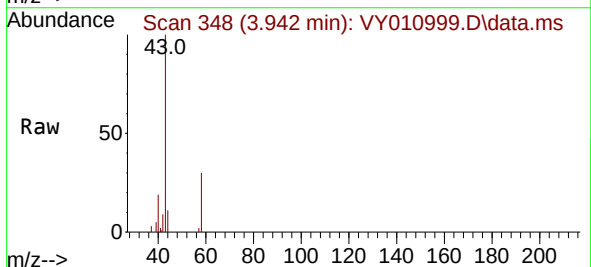
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW5-GW-963-965RE

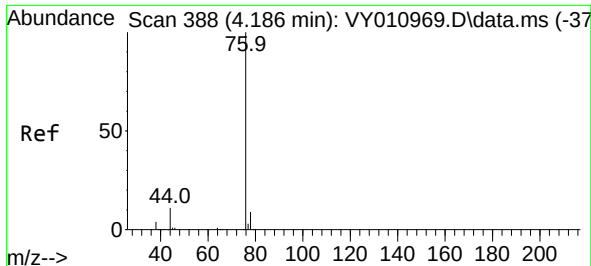
Tgt Ion:168 Resp: 279768
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#16
Acetone
Concen: 14.522 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010999.D
Acq: 18 Oct 2022 17:07

Tgt Ion: 43 Resp: 10868
Ion Ratio Lower Upper
43 100
58 30.1 22.0 33.0

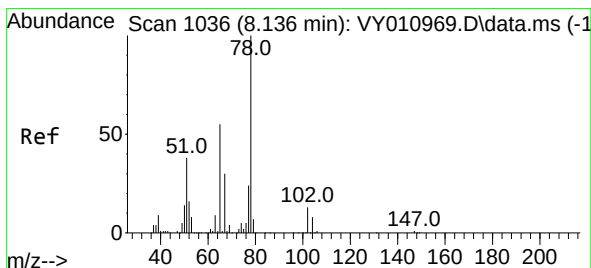
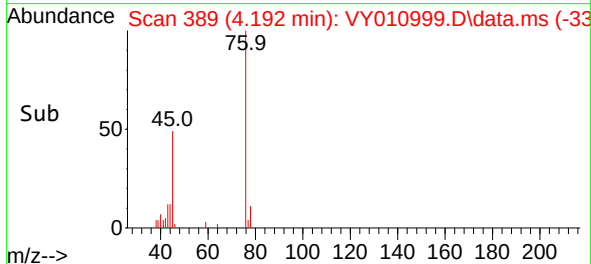
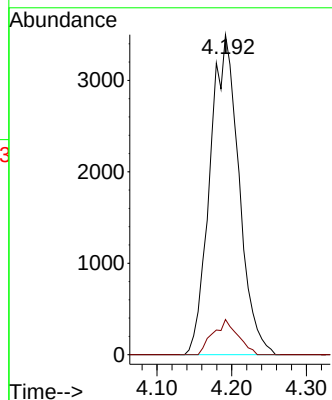
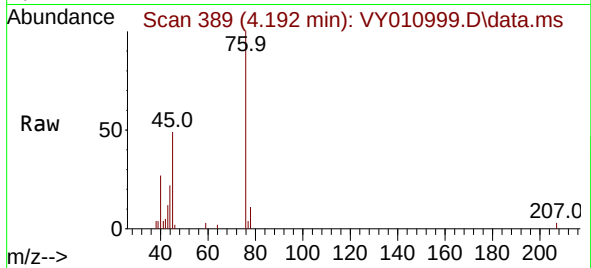




#17
Carbon Disulfide
Concen: 1.215 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY010999.D
Acq: 18 Oct 2022 17:07

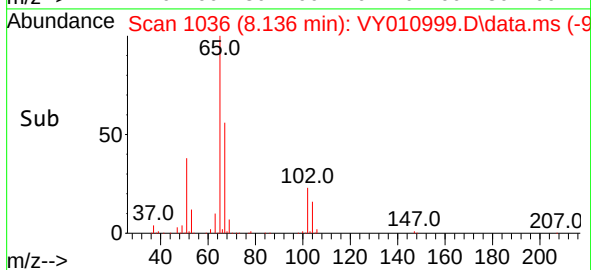
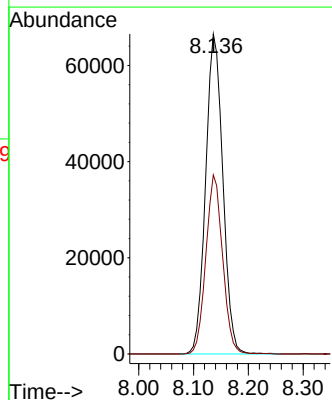
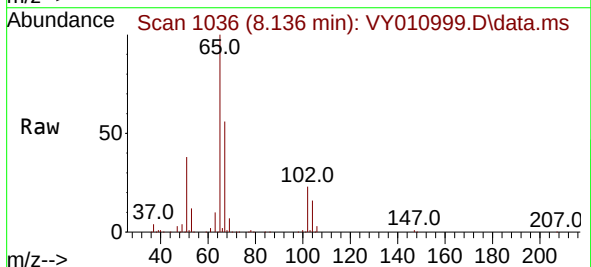
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW5-GW-963-965RE

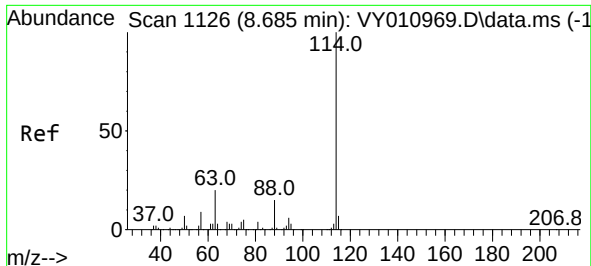
Tgt Ion: 76 Resp: 9453
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 56.151 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010999.D
Acq: 18 Oct 2022 17:07

Tgt Ion: 65 Resp: 144705
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4

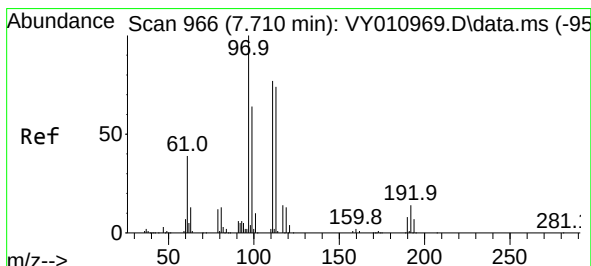
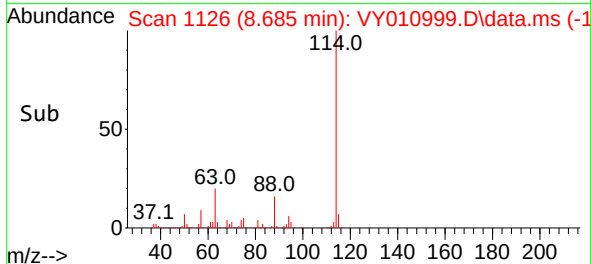
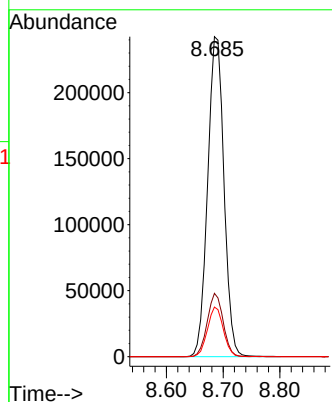
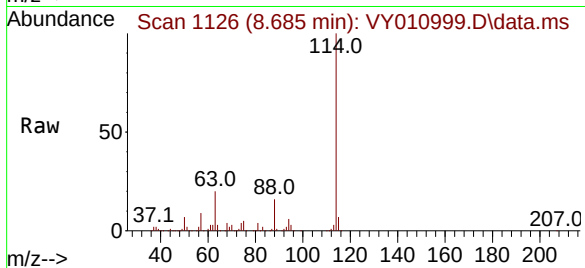




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010999.D
Acq: 18 Oct 2022 17:07

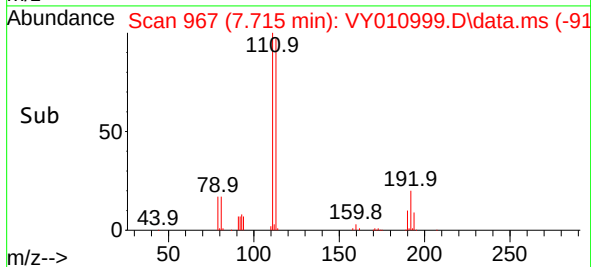
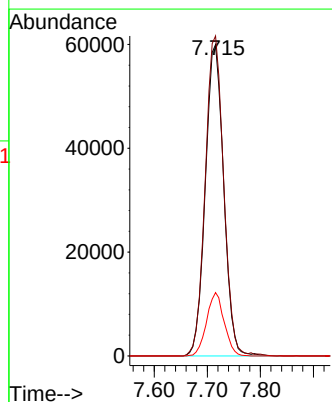
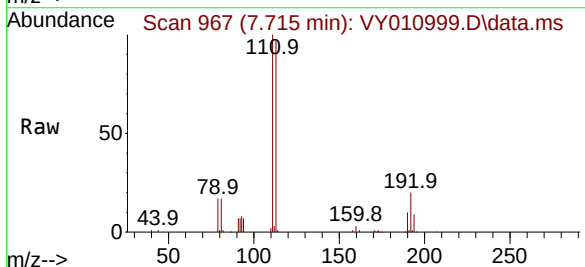
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW5-GW-963-965RE

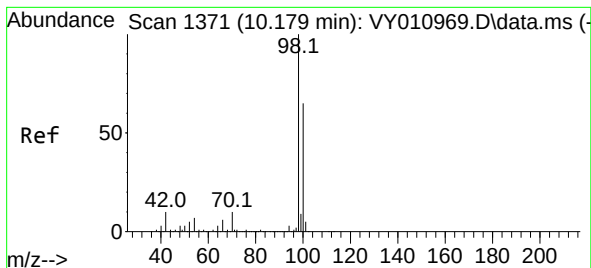
Tgt Ion:	114	Resp:	483750
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	43.2
88	15.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 53.551 ug/l
RT: 7.715 min Scan# 967
Delta R.T. 0.005 min
Lab File: VY010999.D
Acq: 18 Oct 2022 17:07

Tgt Ion:	113	Resp:	143990
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	19.5	17.6	26.4

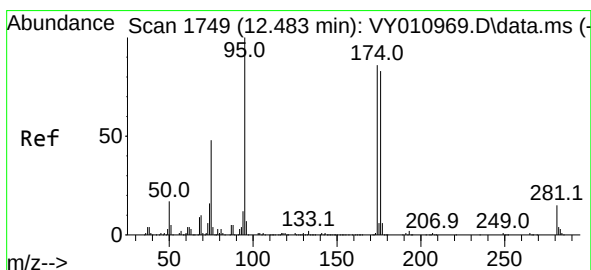
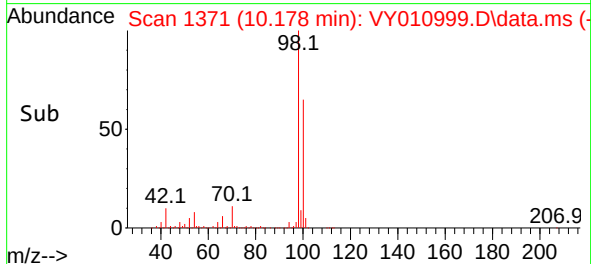
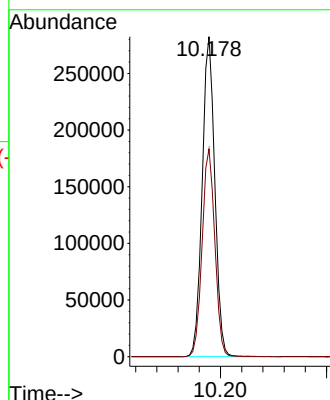
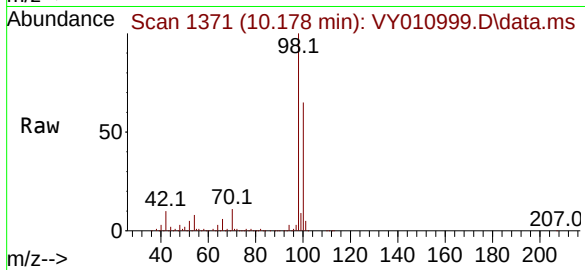




#50
Toluene-d8
Concen: 46.135 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010999.D
Acq: 18 Oct 2022 17:07

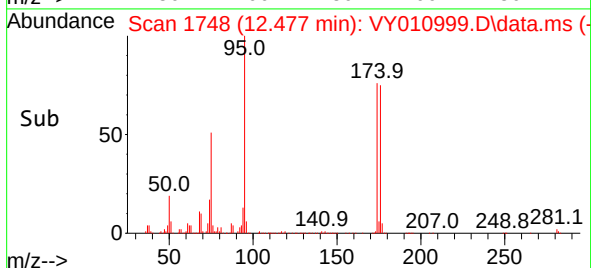
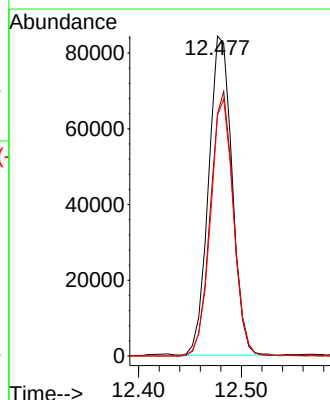
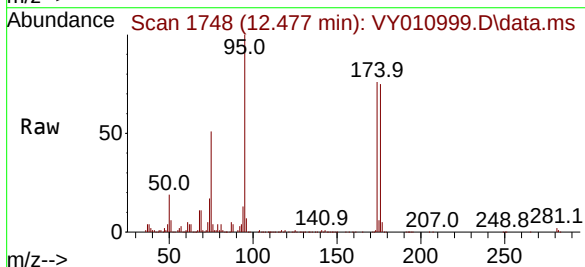
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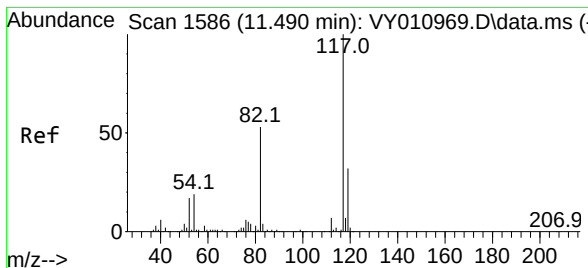
Tgt Ion: 98 Resp: 465997
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.442 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010999.D
Acq: 18 Oct 2022 17:07

Tgt Ion: 95 Resp: 133370
Ion Ratio Lower Upper
95 100
174 81.4 0.0 177.0
176 78.9 0.0 175.8

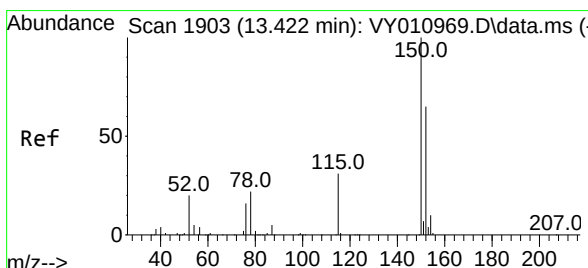
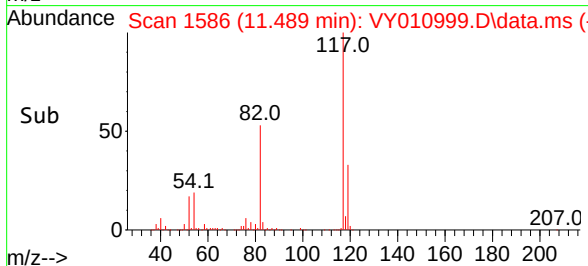
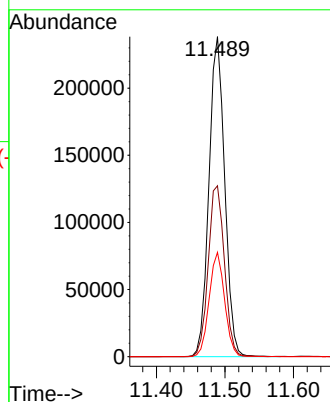
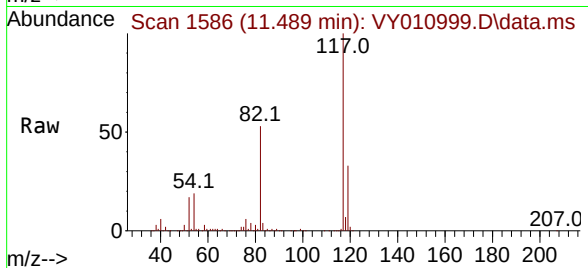




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010999.D
Acq: 18 Oct 2022 17:07

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW5-GW-963-965RE

Tgt Ion:117 Resp: 381815
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010999.D
Acq: 18 Oct 2022 17:07

Tgt Ion:152 Resp: 127030
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 156.7 0.0 347.6

