

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101822\
 Data File : VY010993.D
 Acq On : 18 Oct 2022 14:07
 Operator : KP/MD
 Sample : N5149-14
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 18 17:03:49 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)

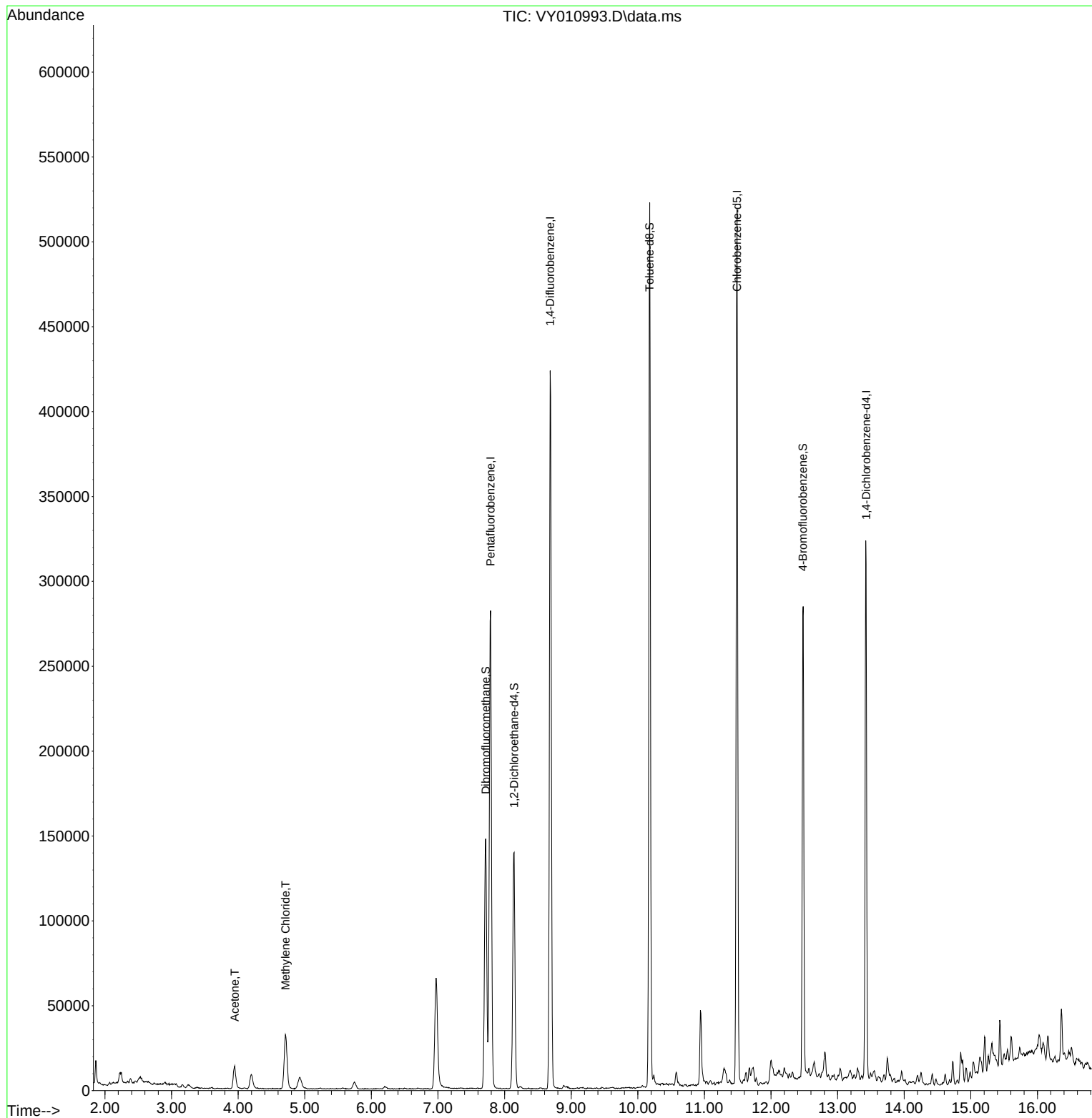
Internal Standards						
1) Pentafluorobenzene	7.789	168	222363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	370989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	107207	52.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.680%	
35) Dibromofluoromethane	7.716	113	106166	51.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.800%	
50) Toluene-d8	10.179	98	343727	44.373	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.740%	
62) 4-Bromofluorobenzene	12.477	95	87729	30.792	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 61.580%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	23108	38.849	ug/l #	84
20) Methylene Chloride	4.710	84	24968	3.794	ug/l #	85

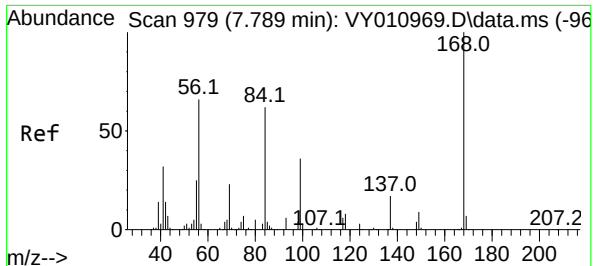
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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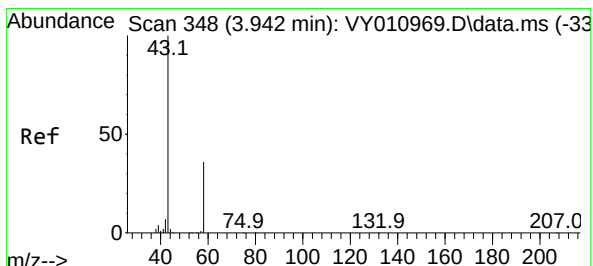
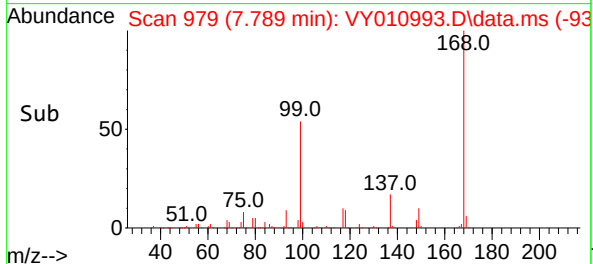
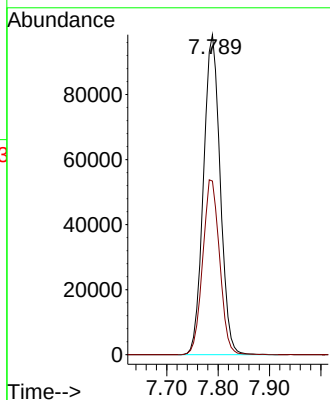
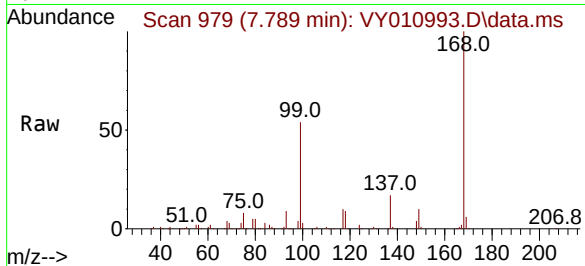




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010993.D
Acq: 18 Oct 2022 14:07

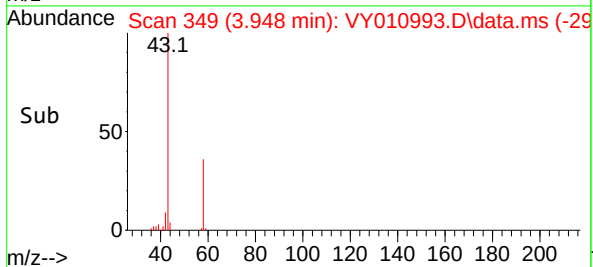
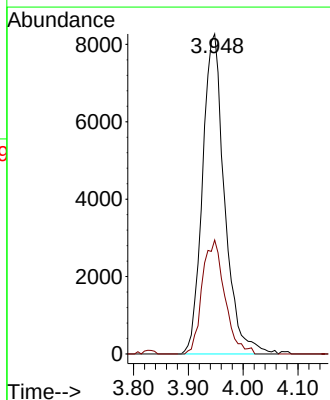
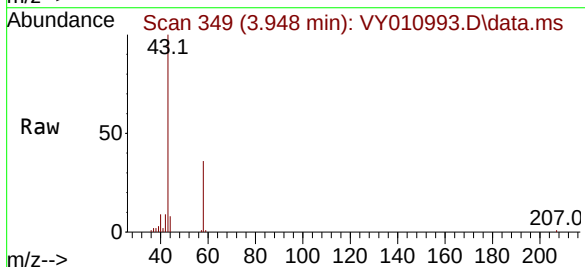
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW5-GW-963-965

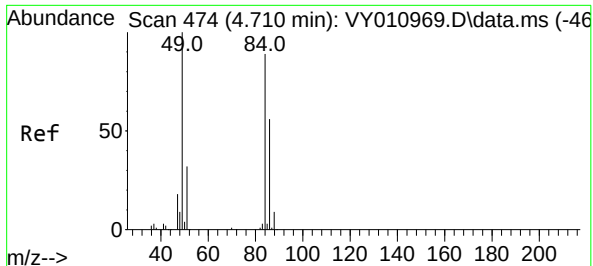
Tgt Ion:168 Resp: 222363
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#16
Acetone
Concen: 38.849 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010993.D
Acq: 18 Oct 2022 14:07

Tgt Ion: 43 Resp: 23108
Ion Ratio Lower Upper
43 100
58 35.6 22.0 33.0#

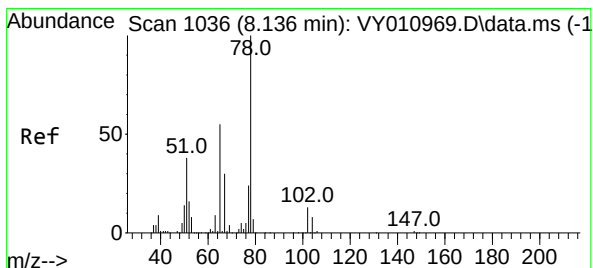
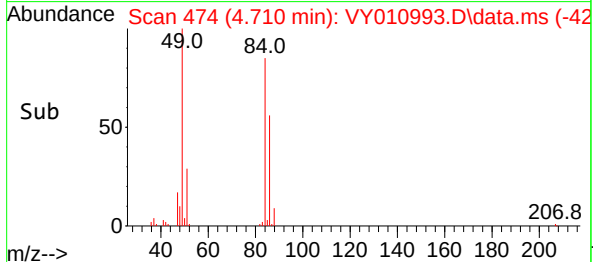
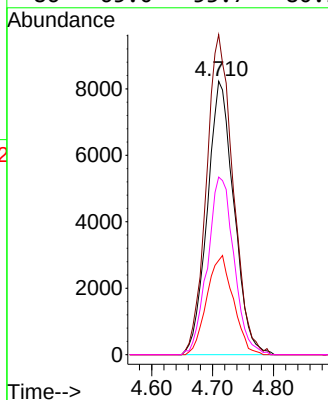
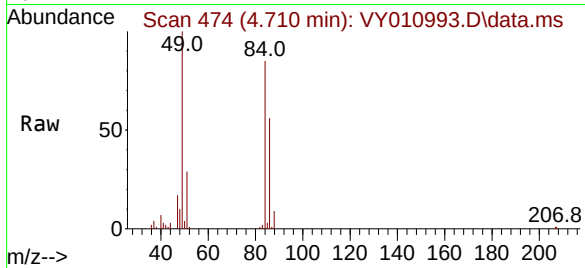




#20
Methylene Chloride
Concen: 3.794 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010993.D
Acq: 18 Oct 2022 14:07

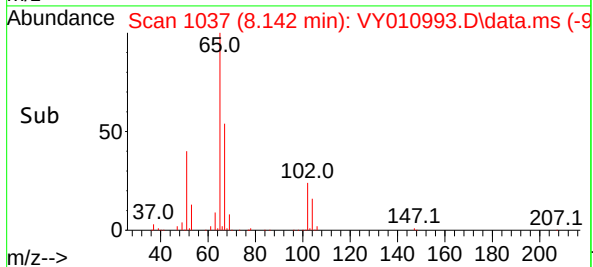
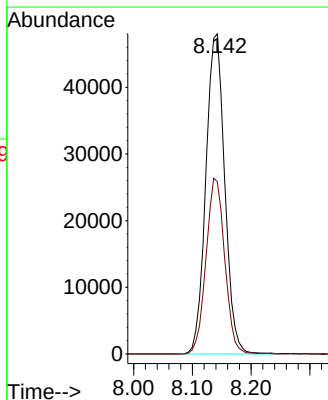
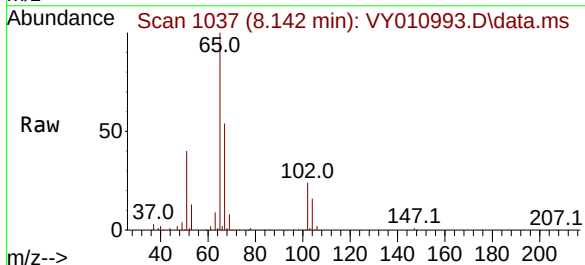
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW5-GW-963-965

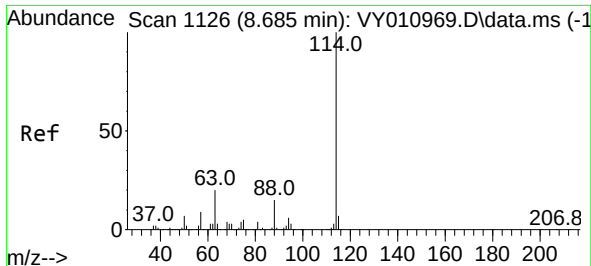
Tgt Ion:	84	Resp:	24968
Ion	Ratio	Lower	Upper
84	100		
49	117.0	114.4	171.6
51	34.5	35.3	52.9#
86	65.0	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 52.340 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY010993.D
Acq: 18 Oct 2022 14:07

Tgt Ion:	65	Resp:	107207
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	99.4

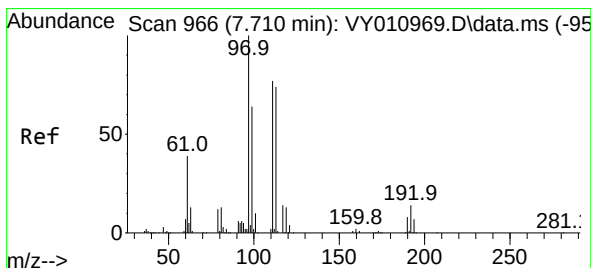
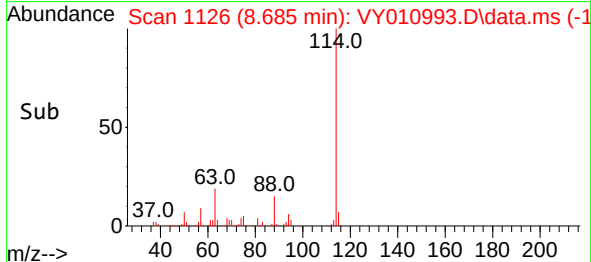
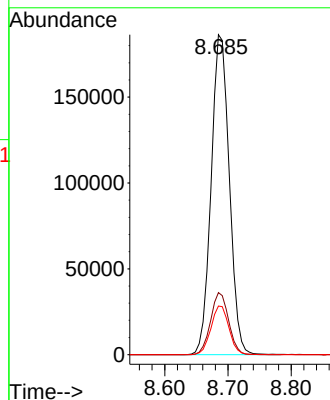
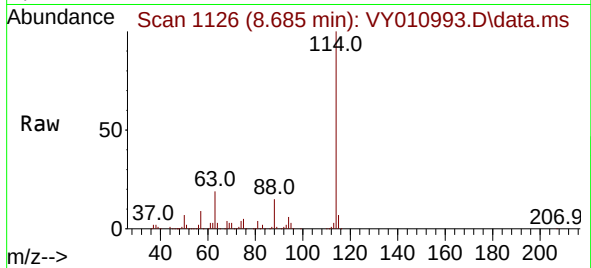




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010993.D
Acq: 18 Oct 2022 14:07

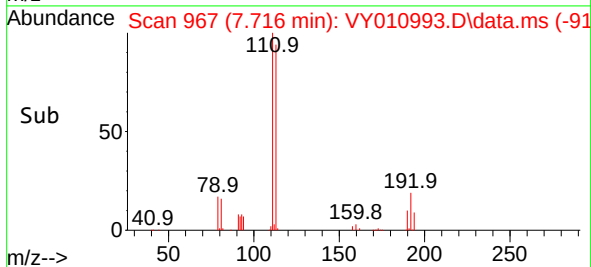
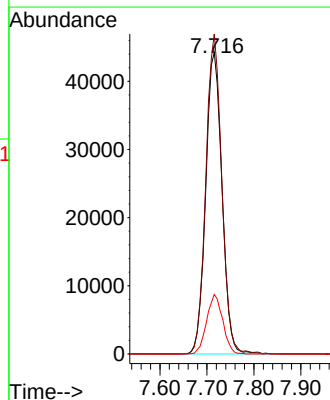
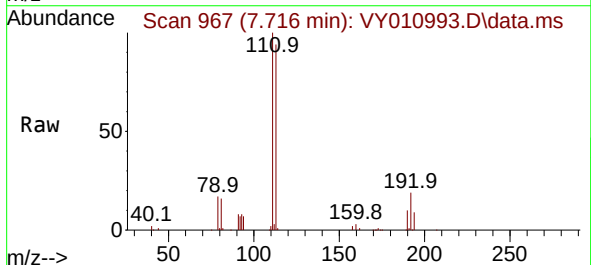
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW5-GW-963-965

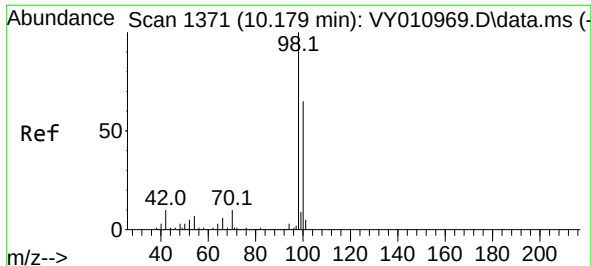
Tgt Ion:	114	Resp:	370989
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.2
88	15.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 51.398 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010993.D
Acq: 18 Oct 2022 14:07

Tgt Ion:	113	Resp:	106166
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	124.0
192	19.4	17.6	26.4

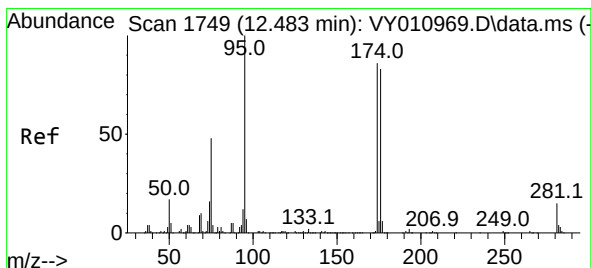
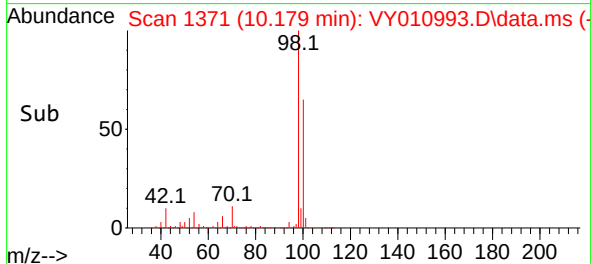
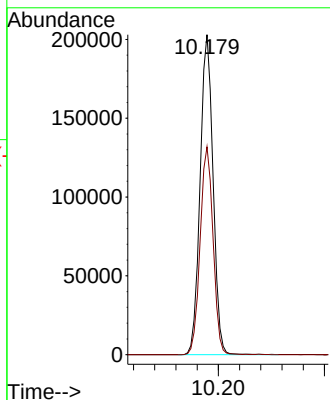
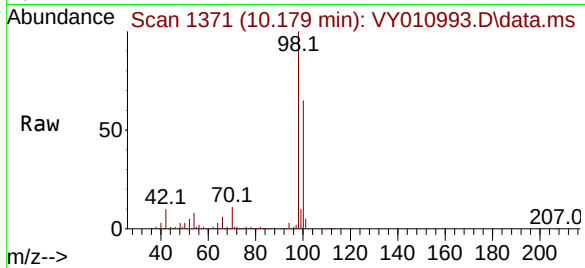




#50
Toluene-d8
Concen: 44.373 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010993.D
Acq: 18 Oct 2022 14:07

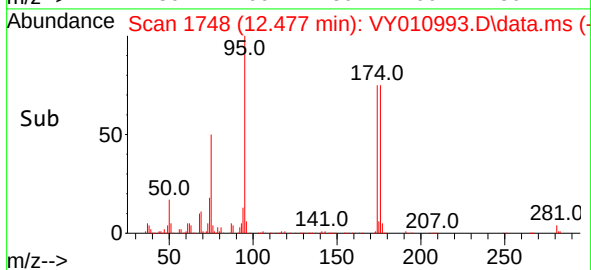
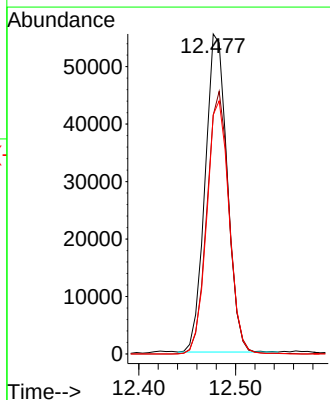
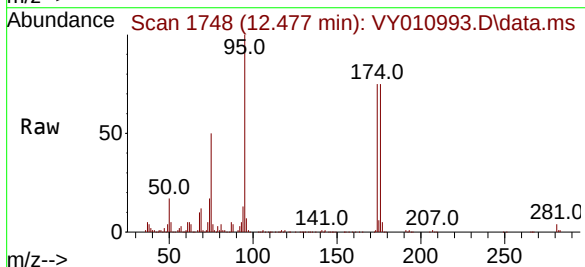
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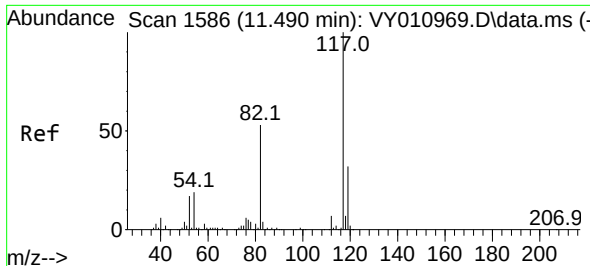
Tgt Ion: 98 Resp: 343727
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.792 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010993.D
Acq: 18 Oct 2022 14:07

Tgt Ion: 95 Resp: 87729
Ion Ratio Lower Upper
95 100
174 82.8 0.0 177.0
176 80.5 0.0 175.8

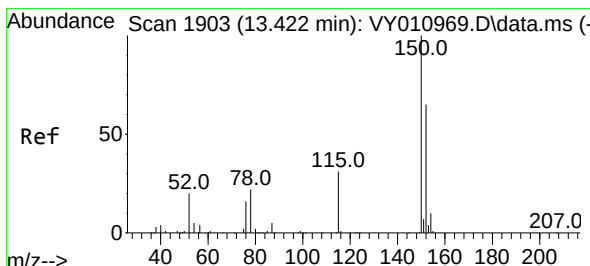
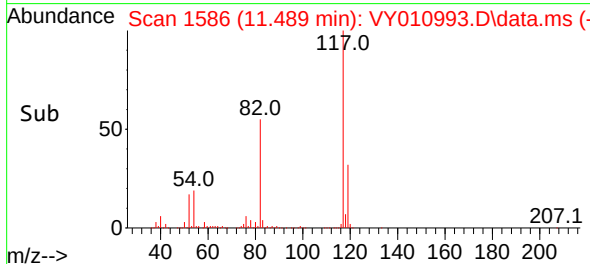
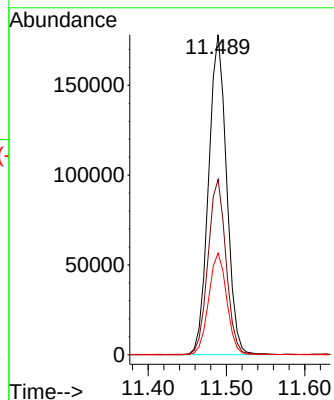
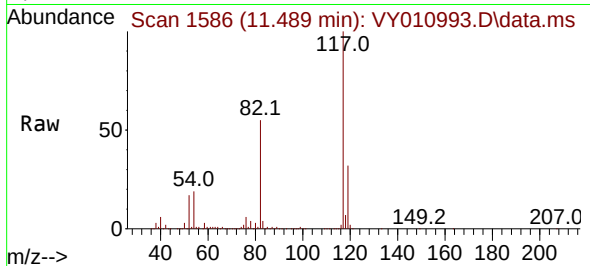




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010993.D
Acq: 18 Oct 2022 14:07

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

Tgt Ion:117 Resp: 284214
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010993.D
Acq: 18 Oct 2022 14:07

Tgt Ion:152 Resp: 83875
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 155.0 0.0 347.6

