

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091922\
 Data File : VY010563.D
 Acq On : 19 Sep 2022 19:58
 Operator : KP/MD
 Sample : N4641-05
 Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22023-18

Quant Time: Sep 20 01:06:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

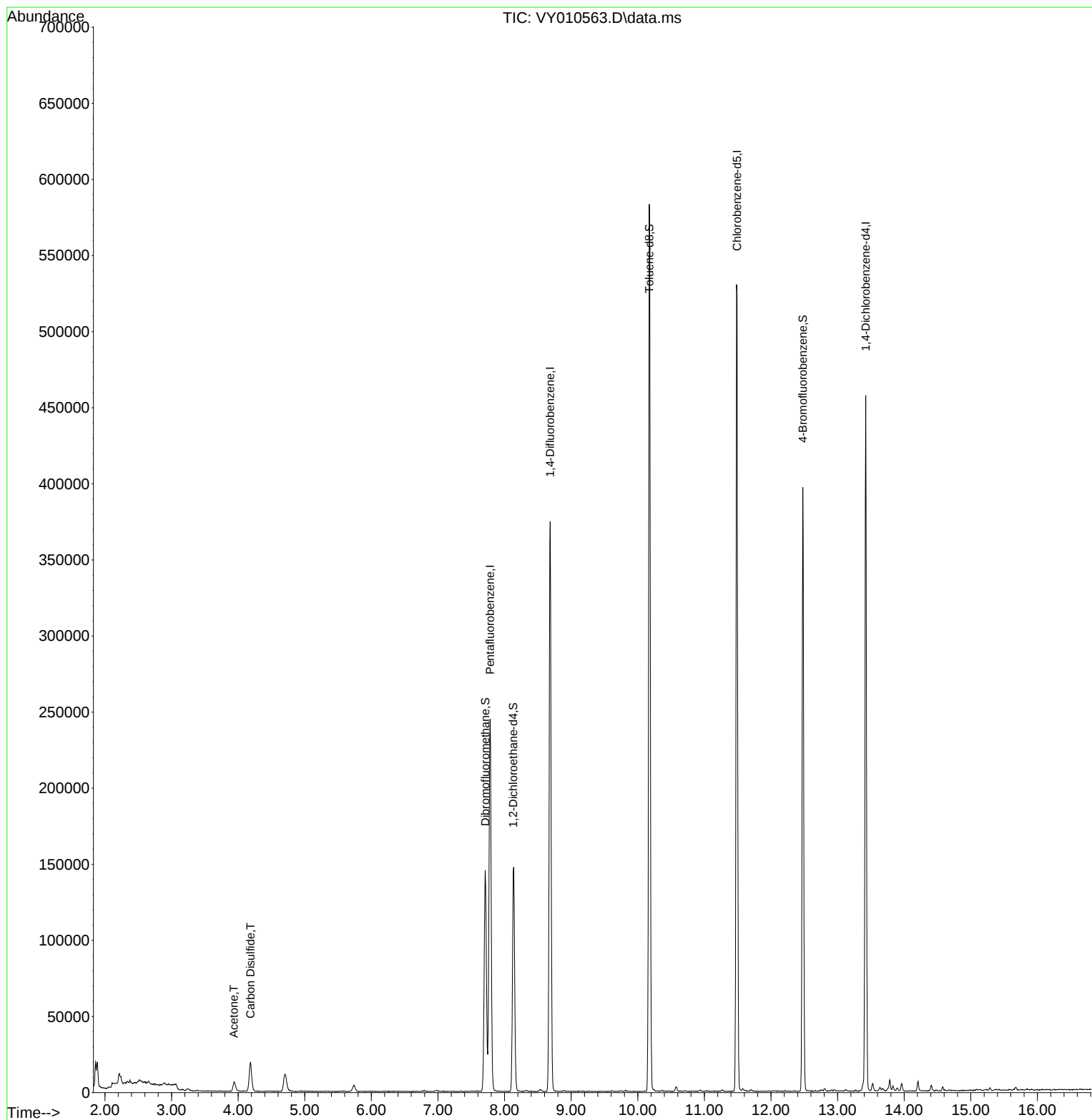
Internal Standards						
1) Pentafluorobenzene	7.783	168	193130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	329983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	297095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	114823	62.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.320%
35) Dibromofluoromethane	7.710	113	102850	48.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.680%
50) Toluene-d8	10.173	98	387707	49.825	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.477	95	119736	40.964	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.920%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	11246	29.854	ug/l #	87
17) Carbon Disulfide	4.186	76	38160	10.630	ug/l	97

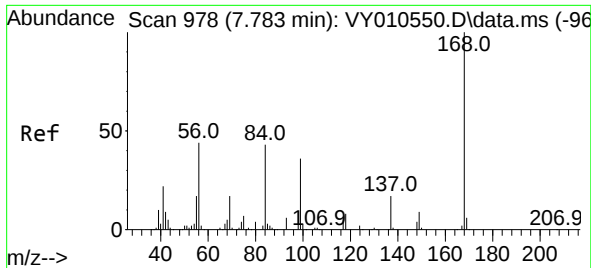
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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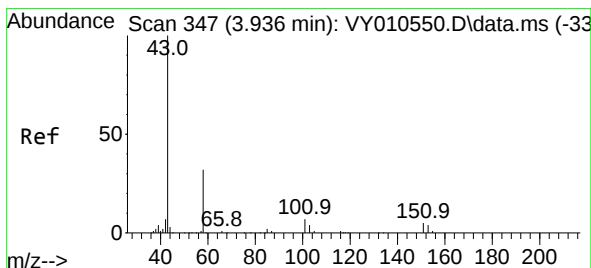
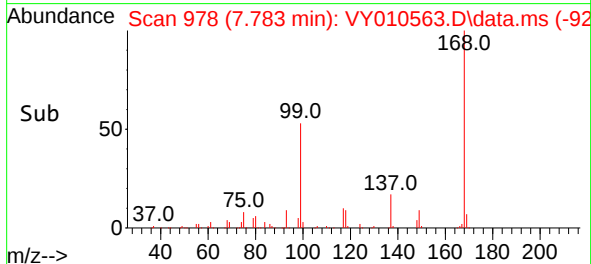
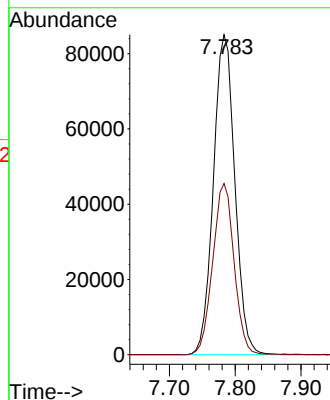
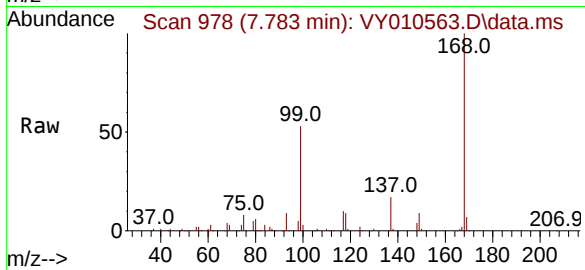




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010563.D
Acq: 19 Sep 2022 19:58

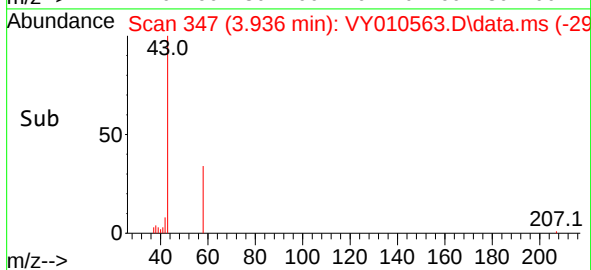
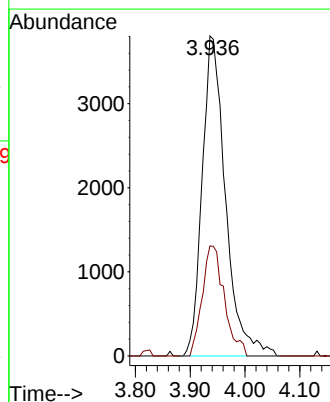
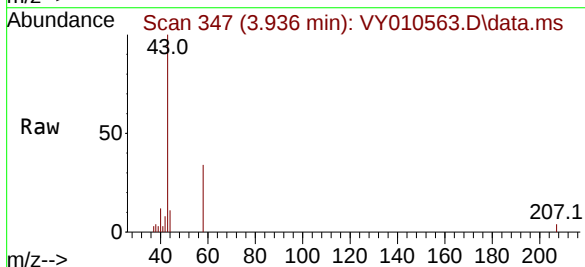
Instrument :
MSVOA_Y
ClientSampleId :
D22023-18

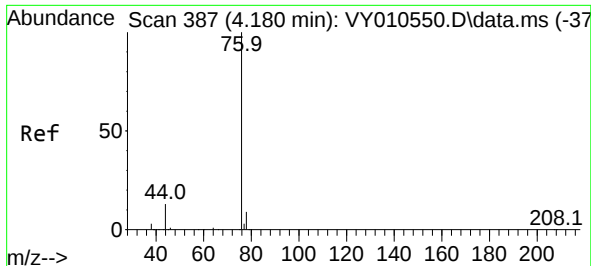
Tgt Ion:168 Resp: 193130
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#16
Acetone
Concen: 29.854 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010563.D
Acq: 19 Sep 2022 19:58

Tgt Ion: 43 Resp: 11246
Ion Ratio Lower Upper
43 100
58 34.4 22.0 33.0#

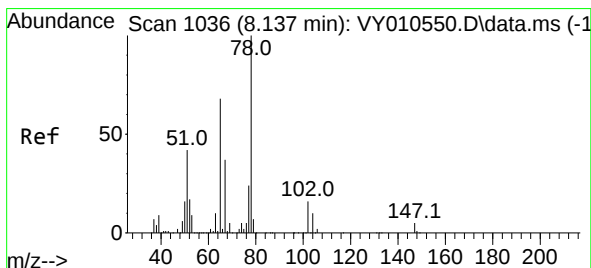
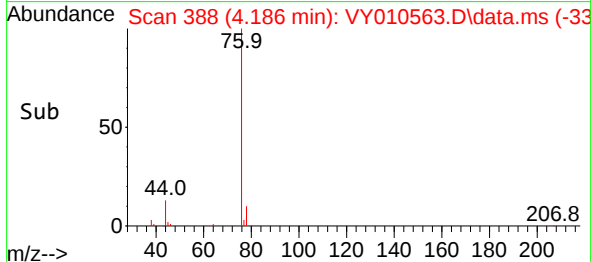
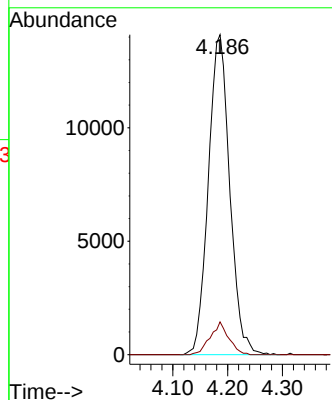
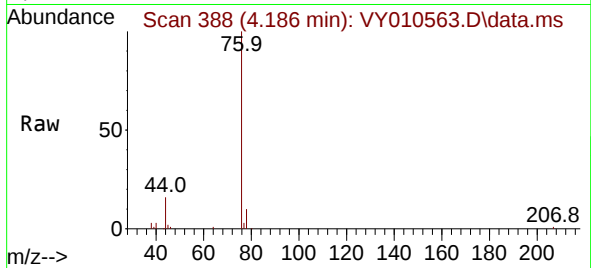




#17
Carbon Disulfide
Concen: 10.630 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.006 min
Lab File: VY010563.D
Acq: 19 Sep 2022 19:58

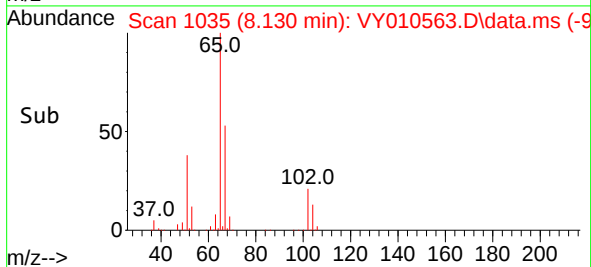
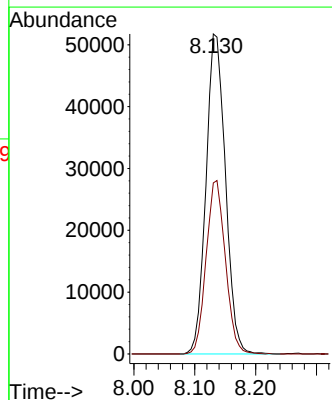
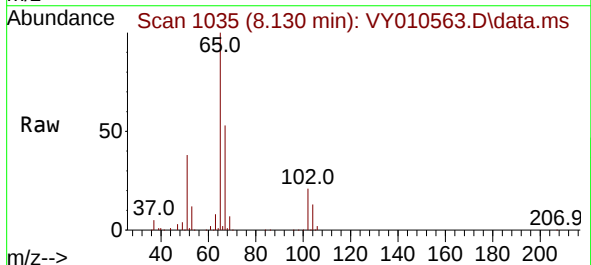
Instrument :
MSVOA_Y
ClientSampleId :
D22023-18

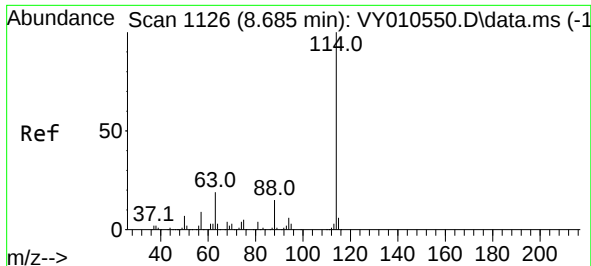
Tgt Ion: 76 Resp: 38160
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 62.159 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY010563.D
Acq: 19 Sep 2022 19:58

Tgt Ion: 65 Resp: 114823
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4

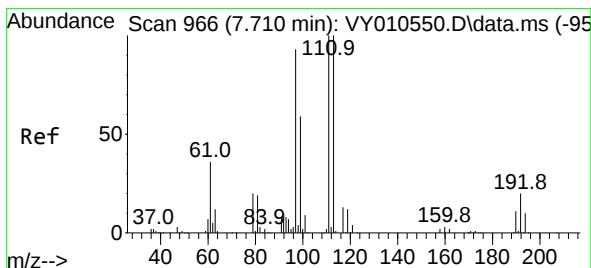
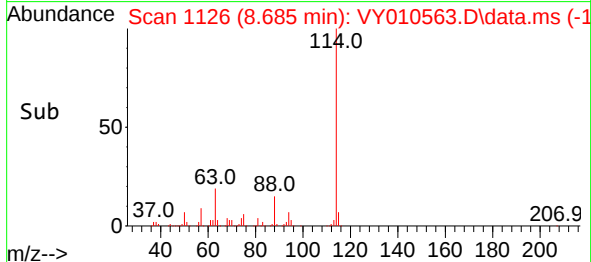
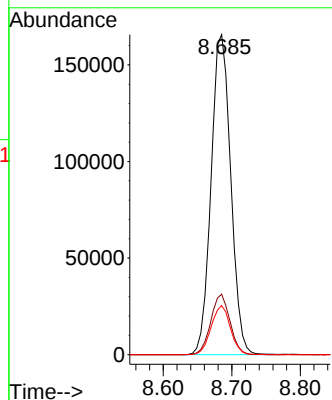
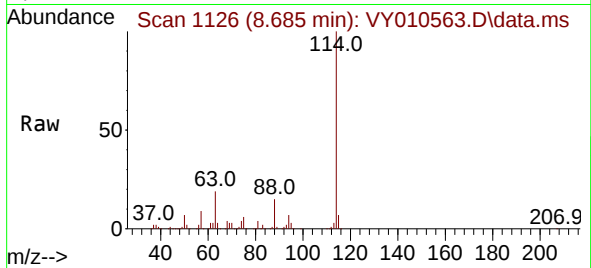




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010563.D
Acq: 19 Sep 2022 19:58

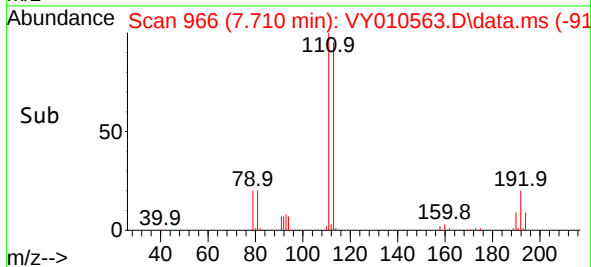
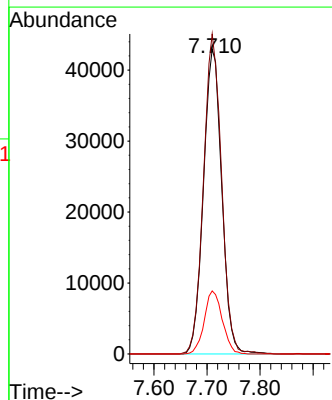
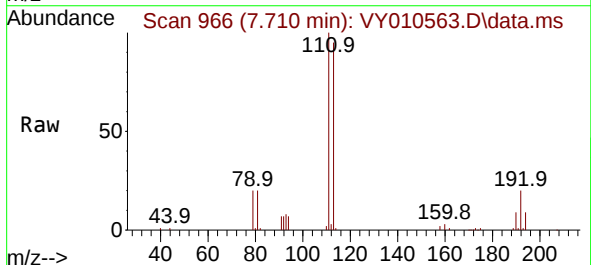
Instrument :
MSVOA_Y
ClientSampleId :
D22023-18

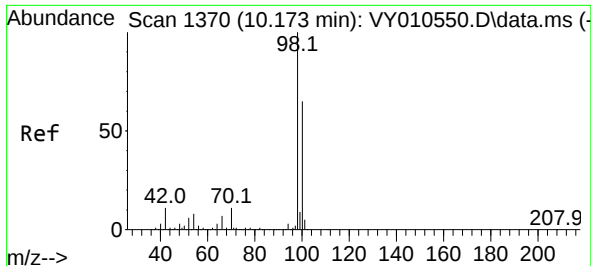
Tgt Ion:114 Resp: 329983
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.838 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010563.D
Acq: 19 Sep 2022 19:58

Tgt Ion:113 Resp: 102850
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 20.4 17.6 26.4

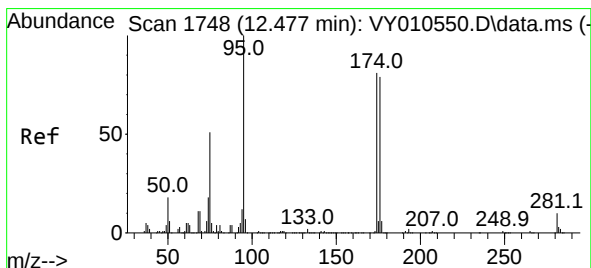
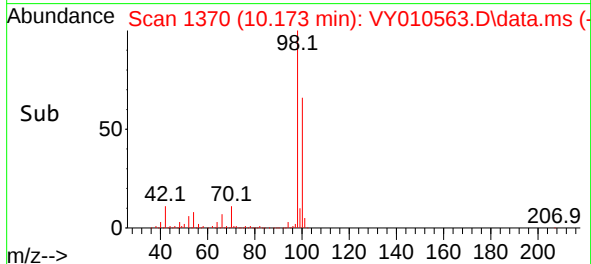
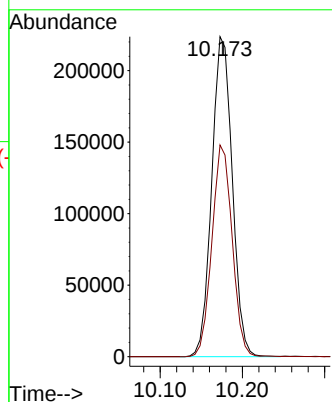
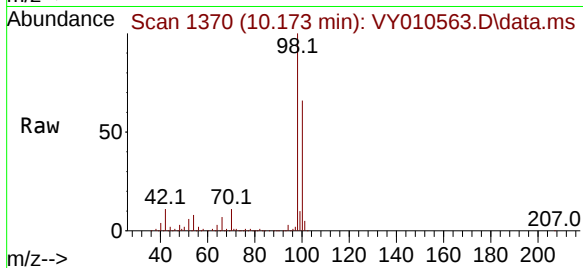




#50
Toluene-d8
Concen: 49.825 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010563.D
Acq: 19 Sep 2022 19:58

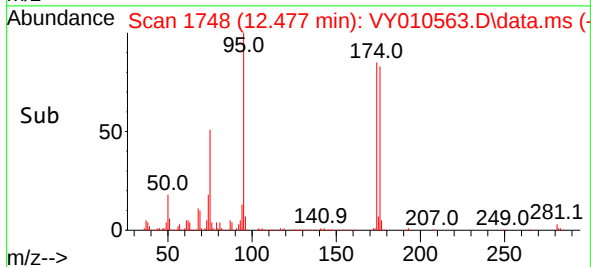
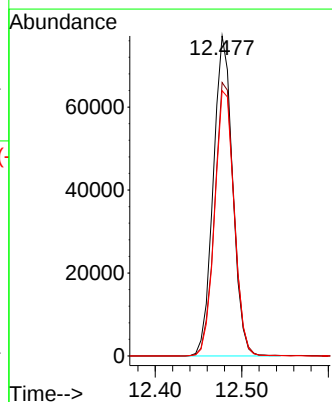
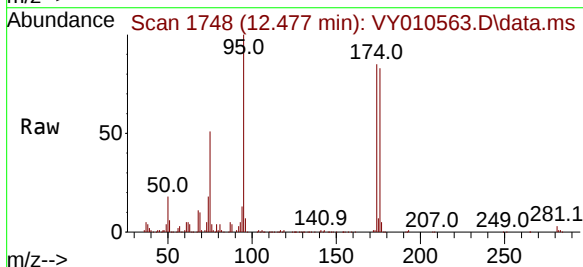
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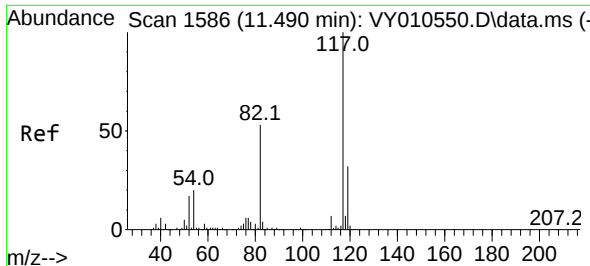
Tgt Ion: 98 Resp: 387707
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.964 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010563.D
Acq: 19 Sep 2022 19:58

Tgt Ion: 95 Resp: 119736
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 83.6 0.0 175.8

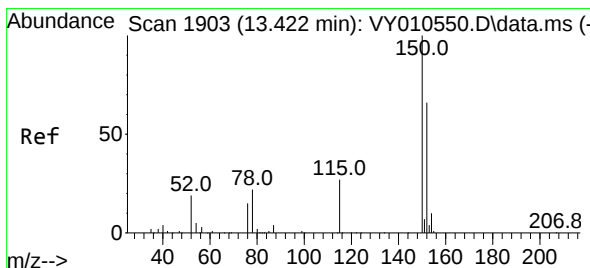
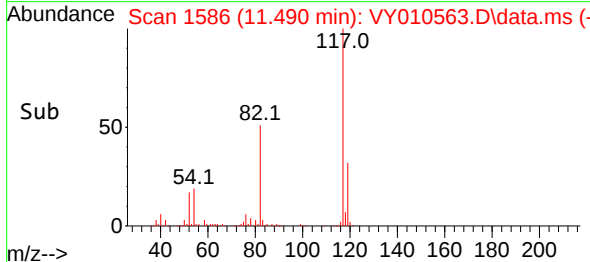
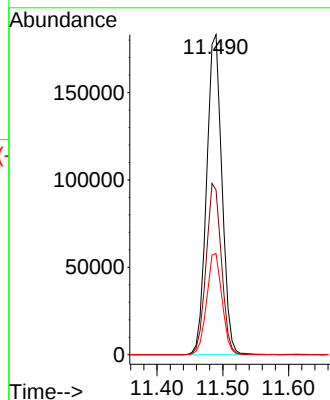
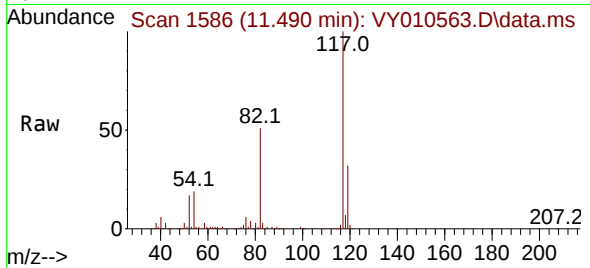




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010563.D
Acq: 19 Sep 2022 19:58

Instrument :
MSVOA_Y
ClientSampleId :
D22023-18

Tgt Ion:117 Resp: 297095
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 31.6 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: VY010563.D
Acq: 19 Sep 2022 19:58

Tgt Ion:152 Resp: 116541
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 156.5 0.0 347.6

