

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091922\
 Data File : VY010561.D
 Acq On : 19 Sep 2022 19:11
 Operator : KP/MD
 Sample : N4641-03
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A6-13-18

Quant Time: Sep 20 01:05:48 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)

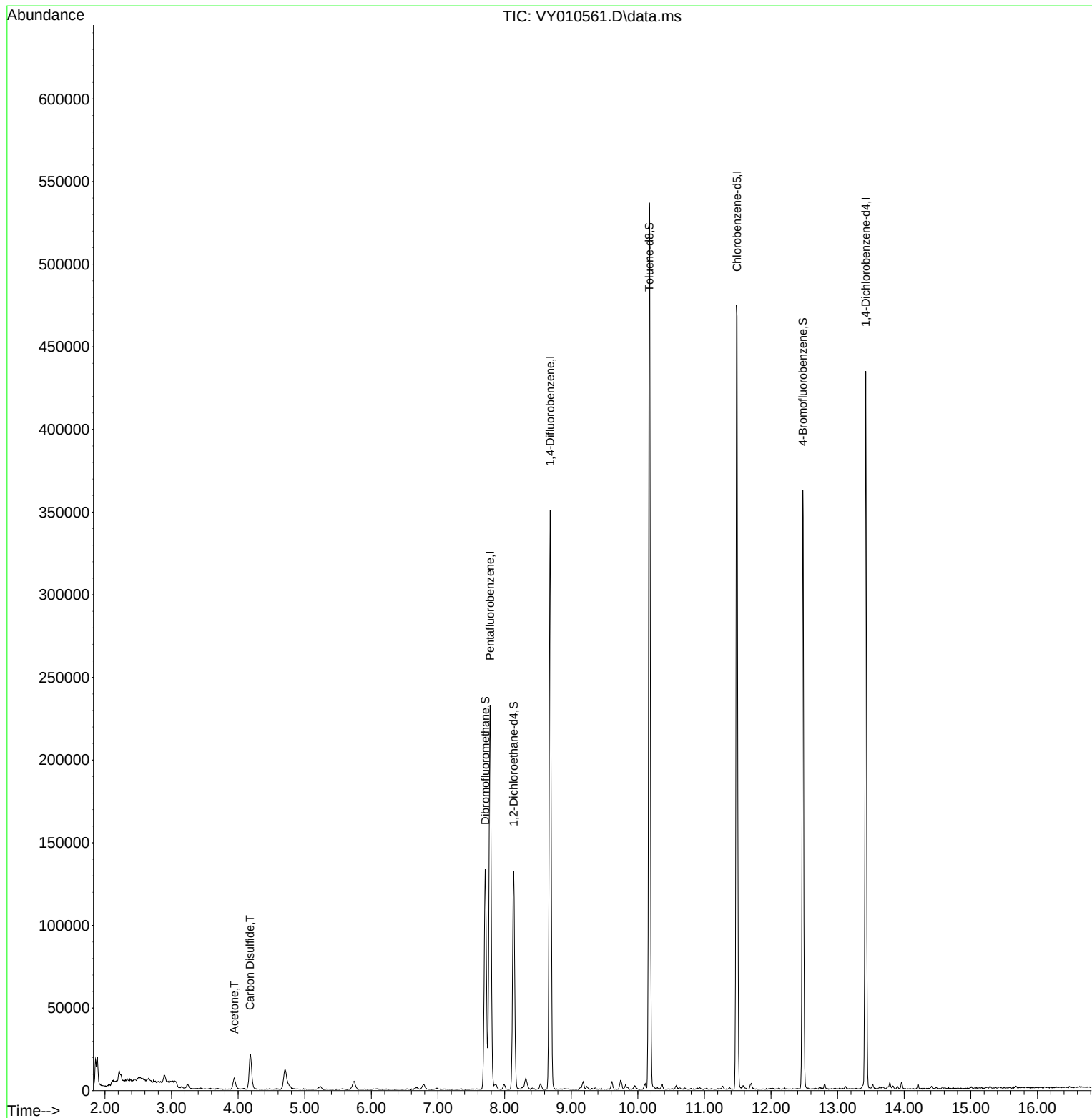
Internal Standards						
1) Pentafluorobenzene	7.783	168	180021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	300776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	269775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103401	60.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.100%	
35) Dibromofluoromethane	7.710	113	93851	48.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.780%	
50) Toluene-d8	10.173	98	354801	50.012	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.020%	
62) 4-Bromofluorobenzene	12.477	95	109405	41.071	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.140%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	11335	32.281	ug/l #	84
17) Carbon Disulfide	4.180	76	42571	13.759	ug/l	98

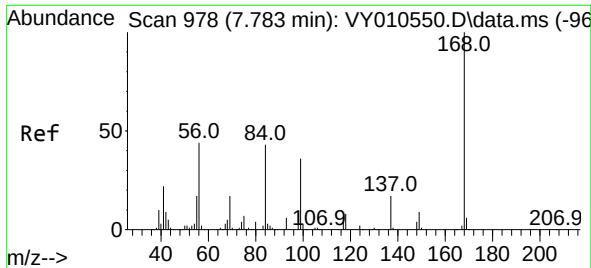
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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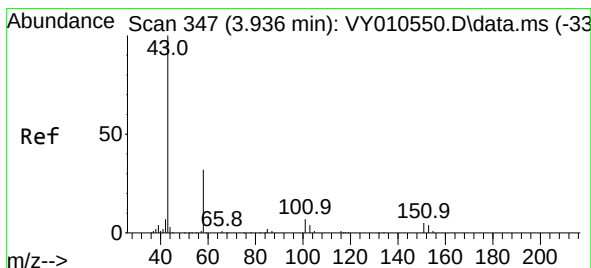
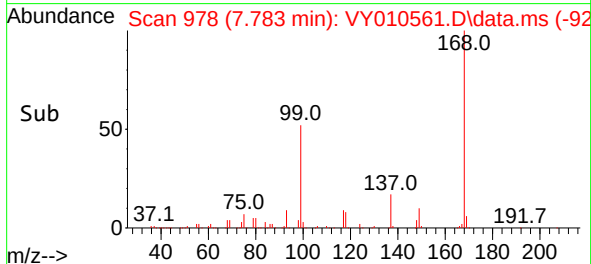
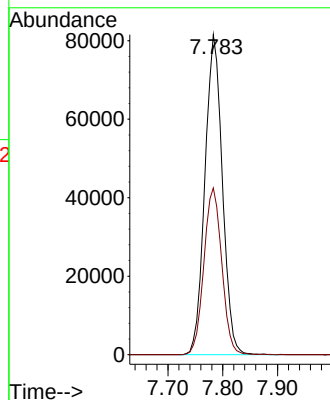
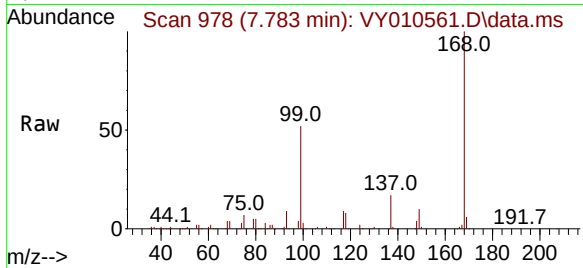




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010561.D
Acq: 19 Sep 2022 19:11

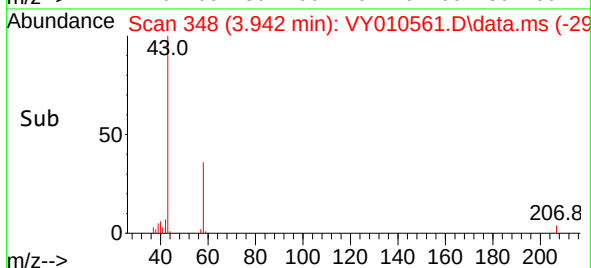
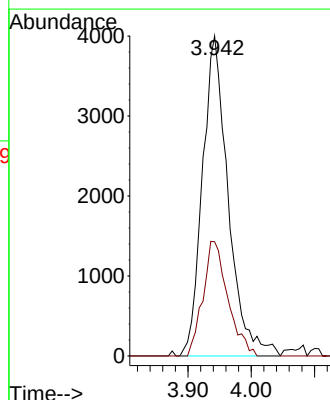
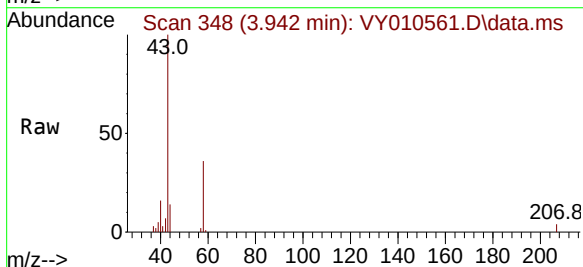
Instrument :
MSVOA_Y
ClientSampleId :
A6-13-18

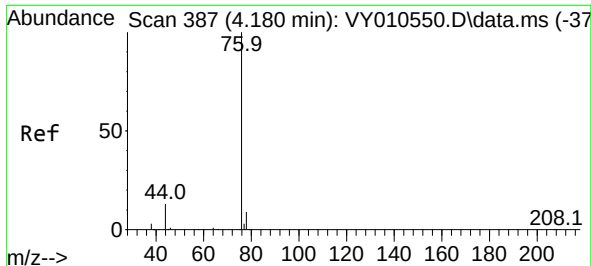
Tgt Ion:168 Resp: 180021
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#16
Acetone
Concen: 32.281 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010561.D
Acq: 19 Sep 2022 19:11

Tgt Ion: 43 Resp: 11335
Ion Ratio Lower Upper
43 100
58 35.7 22.0 33.0#

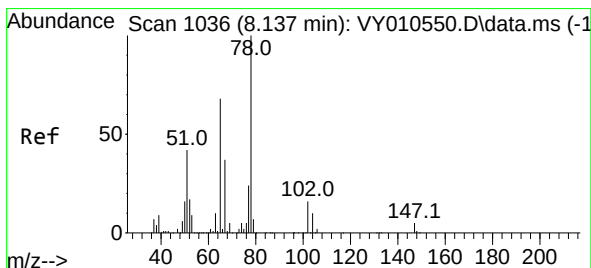
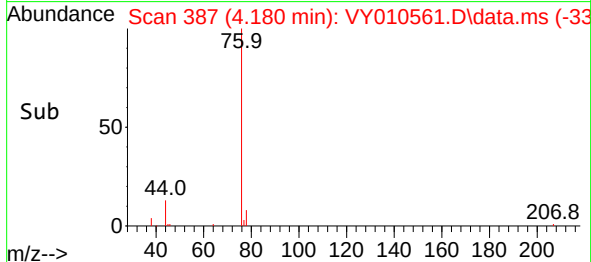
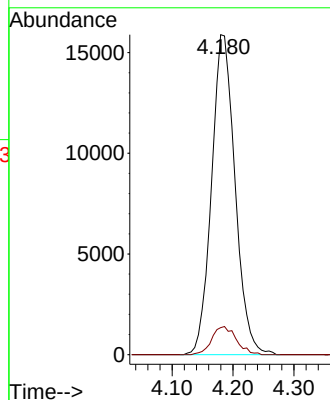
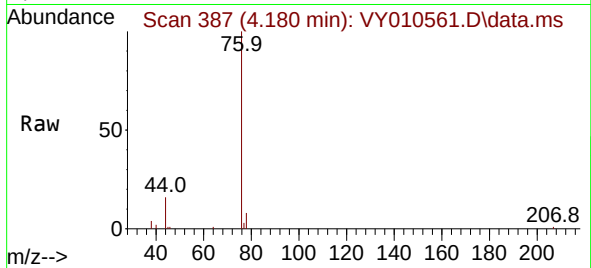




#17
Carbon Disulfide
Concen: 13.759 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY010561.D
Acq: 19 Sep 2022 19:11

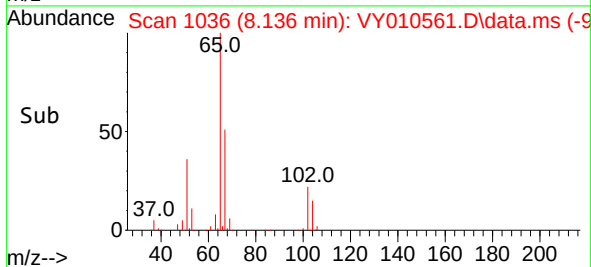
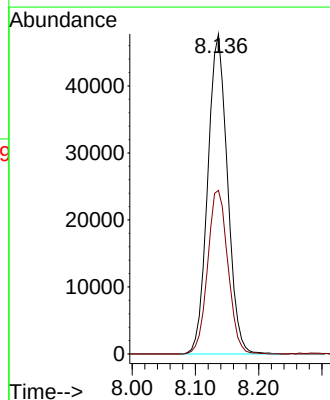
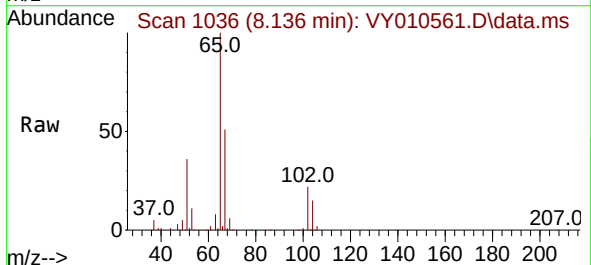
Instrument :
MSVOA_Y
ClientSampleId :
A6-13-18

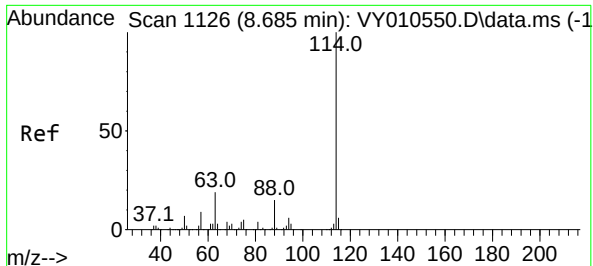
Tgt Ion: 76 Resp: 42571
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 60.052 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010561.D
Acq: 19 Sep 2022 19:11

Tgt Ion: 65 Resp: 103401
Ion Ratio Lower Upper
65 100
67 52.6 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: VY010561.D

Acq: 19 Sep 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

A6-13-18

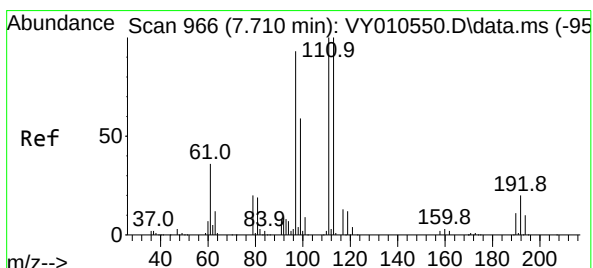
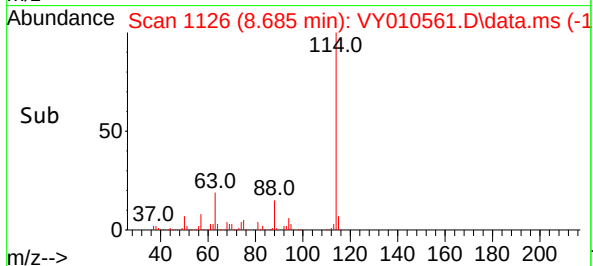
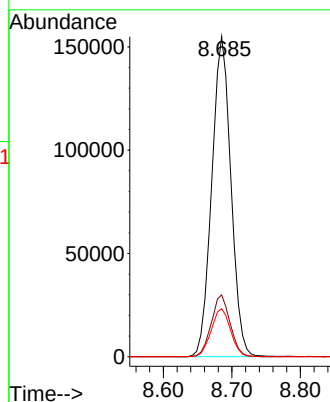
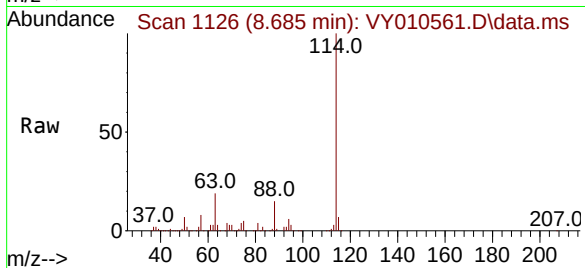
Tgt Ion:114 Resp: 300776

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.892 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010561.D

Acq: 19 Sep 2022 19:11

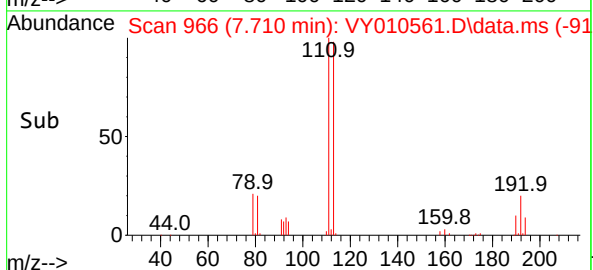
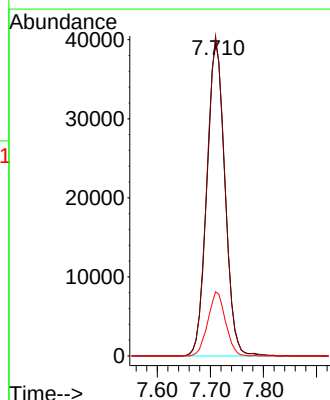
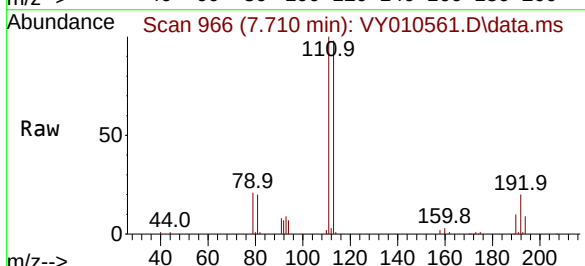
Tgt Ion:113 Resp: 93851

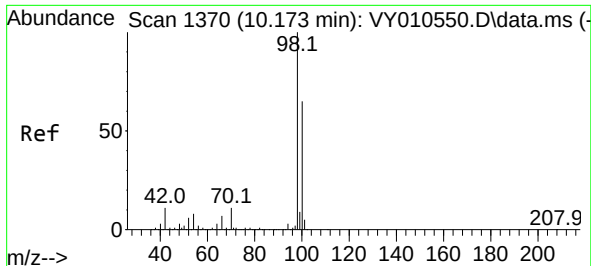
Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 20.0 17.6 26.4

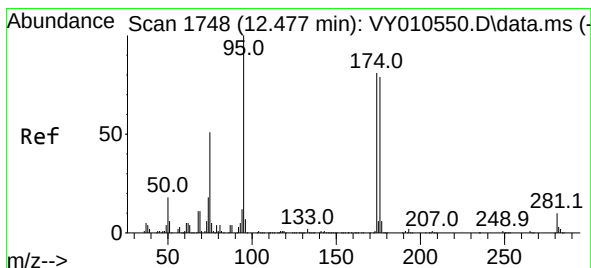
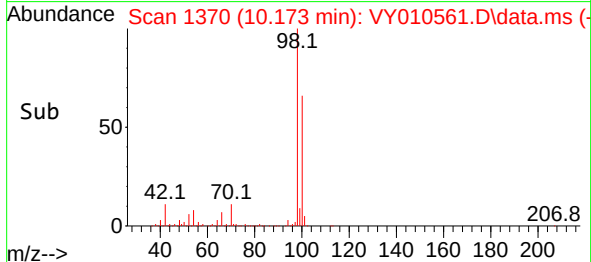
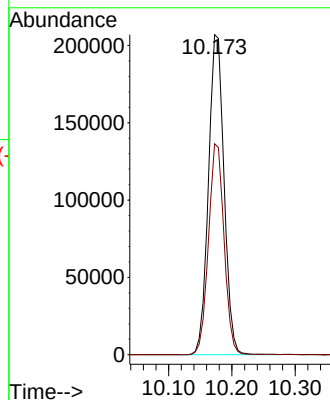
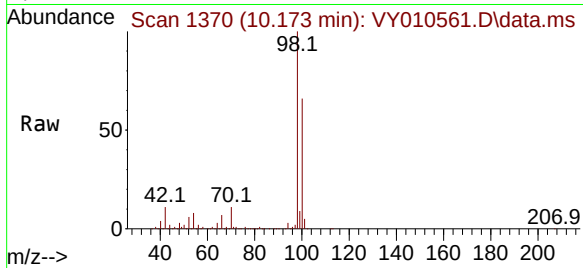




#50
Toluene-d8
Concen: 50.012 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010561.D
Acq: 19 Sep 2022 19:11

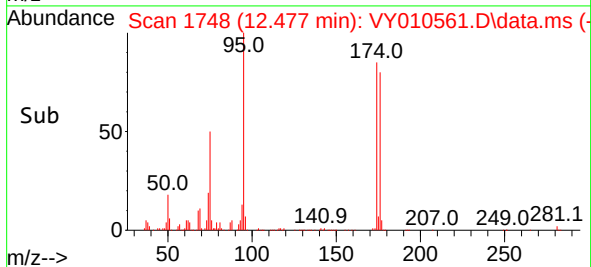
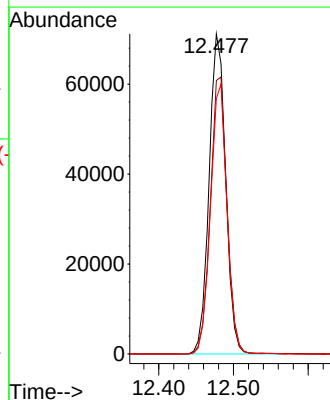
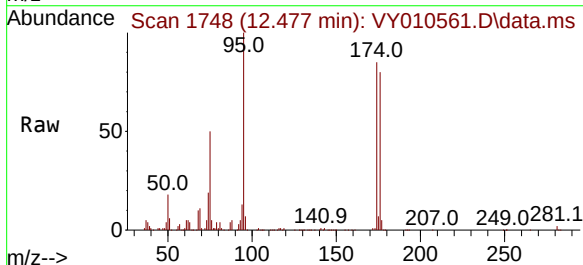
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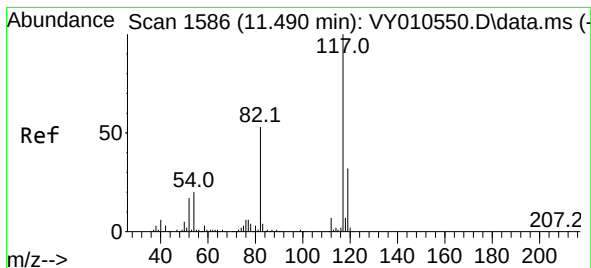
Tgt Ion: 98 Resp: 354801
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.071 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010561.D
Acq: 19 Sep 2022 19:11

Tgt Ion: 95 Resp: 109405
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 83.7 0.0 175.8

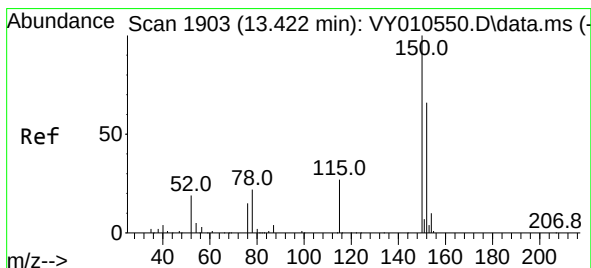
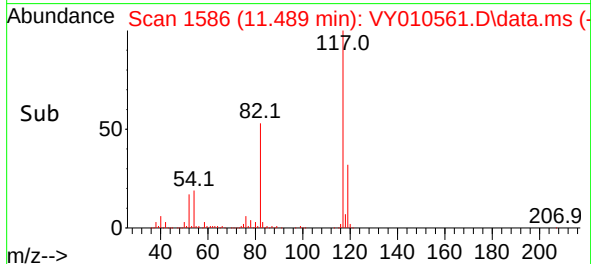
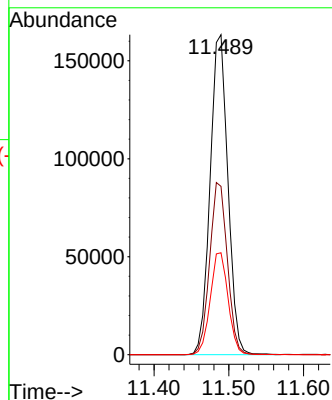
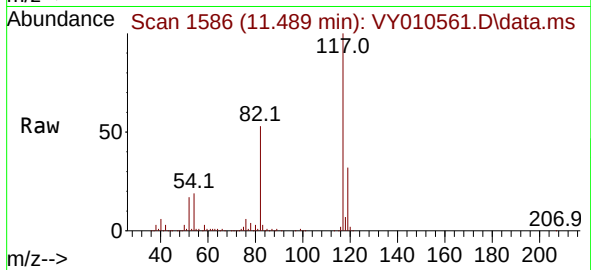




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010561.D
Acq: 19 Sep 2022 19:11

Instrument :
MSVOA_Y
ClientSampleId :
A6-13-18

Tgt Ion:117 Resp: 269775
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 31.9 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: VY010561.D
Acq: 19 Sep 2022 19:11

Tgt Ion:152 Resp: 109205
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 157.4 0.0 347.6

