

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091922\
 Data File : VY010564.D
 Acq On : 19 Sep 2022 20:21
 Operator : KP/MD
 Sample : N4641-06
 Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A2-6-18

Quant Time: Sep 20 01:06:16 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)

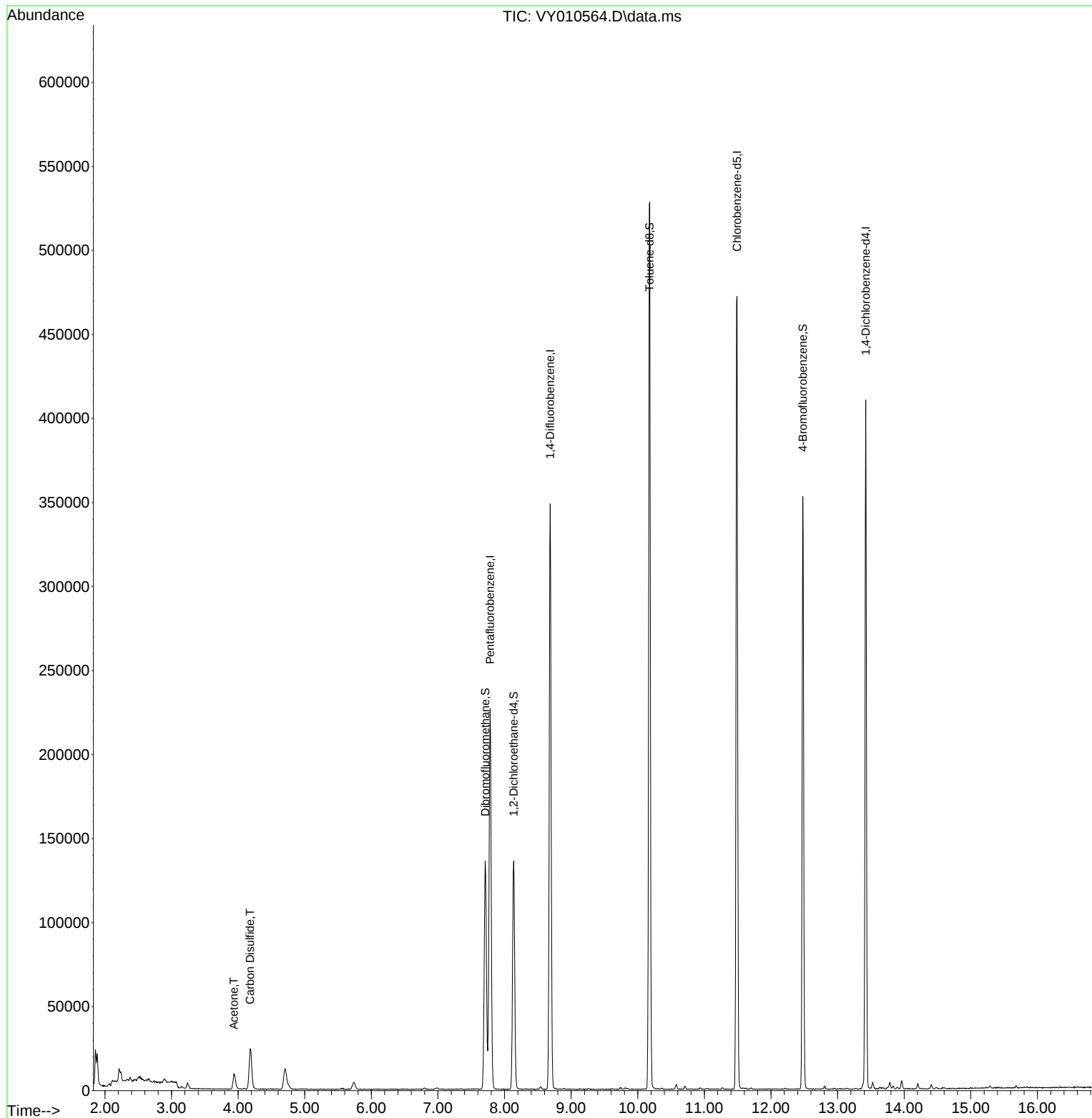
Internal Standards						
1) Pentafluorobenzene	7.783	168	175892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	303012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	271578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	107460	63.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.740%
35) Dibromofluoromethane	7.710	113	95736	49.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.020%
50) Toluene-d8	10.179	98	354250	49.593	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.477	95	107572	40.017	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.040%
Target Compounds						
						Qvalue
16) Acetone	3.936	43	16064	46.823	ug/l	# 88
17) Carbon Disulfide	4.180	76	50456	17.812	ug/l	99

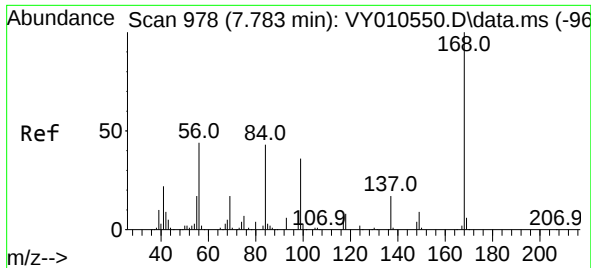
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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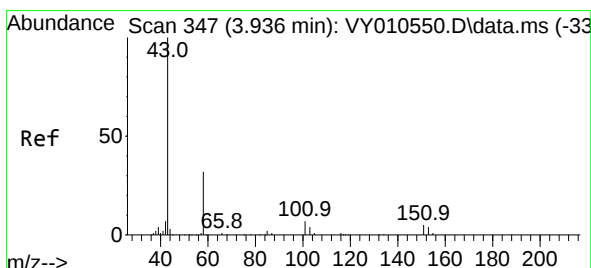
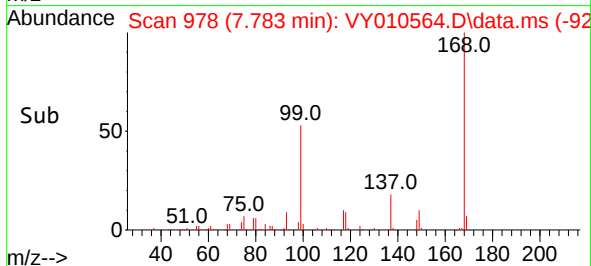
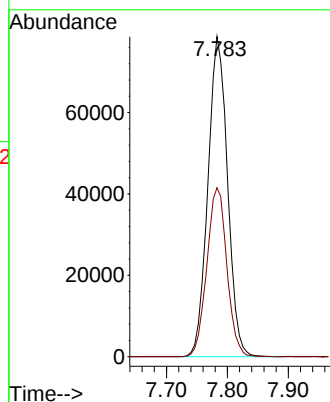
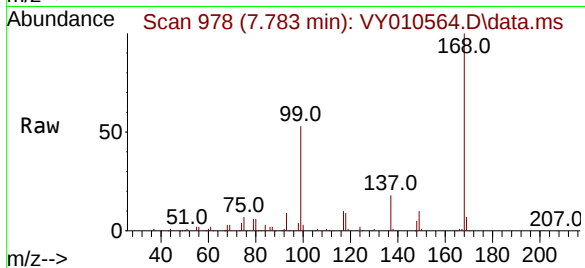




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010564.D
Acq: 19 Sep 2022 20:21

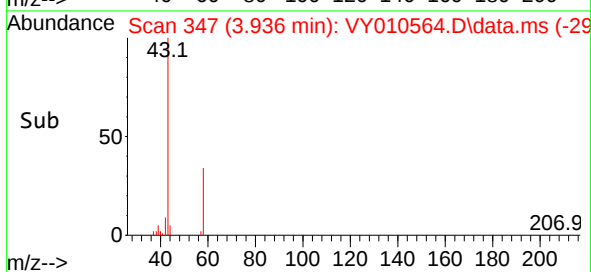
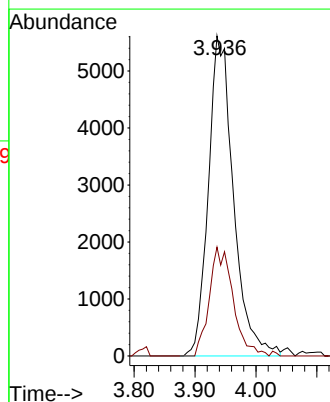
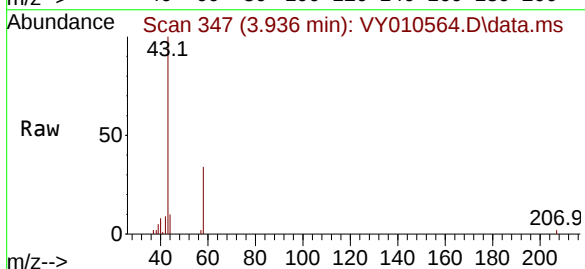
Instrument :
MSVOA_Y
ClientSampleId :
A2-6-18

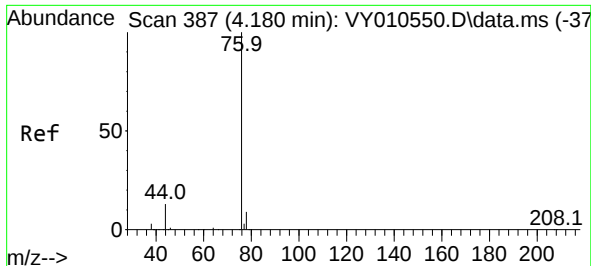
Tgt Ion:168 Resp: 175892
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#16
Acetone
Concen: 46.823 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010564.D
Acq: 19 Sep 2022 20:21

Tgt Ion: 43 Resp: 16064
Ion Ratio Lower Upper
43 100
58 34.0 22.0 33.0#

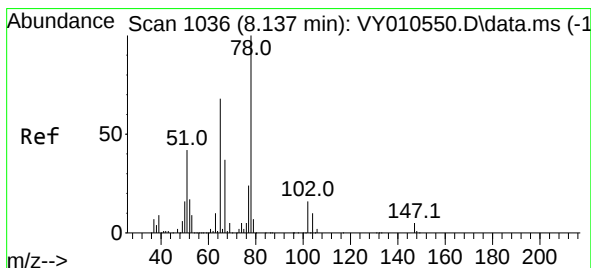
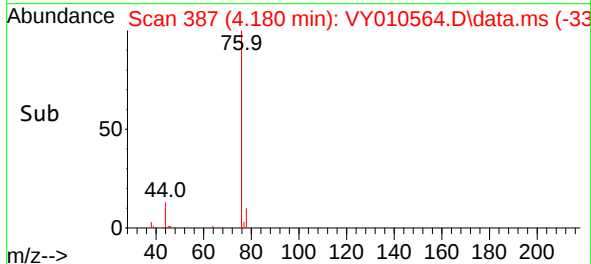
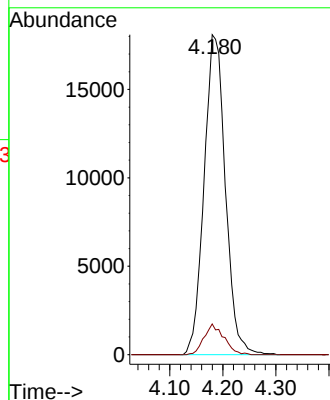
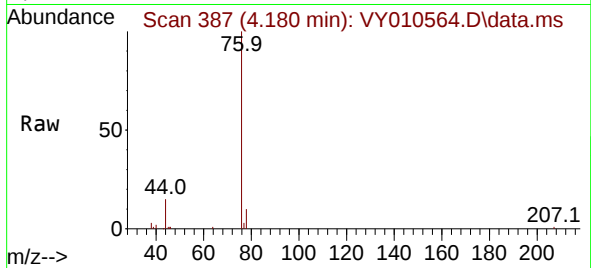




#17
Carbon Disulfide
Concen: 17.812 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY010564.D
Acq: 19 Sep 2022 20:21

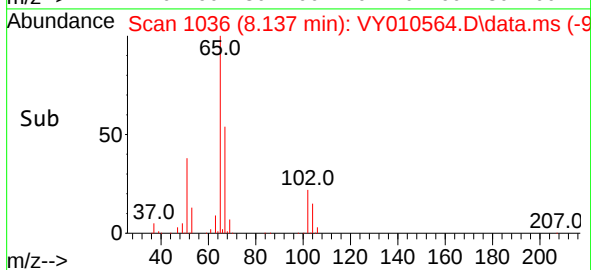
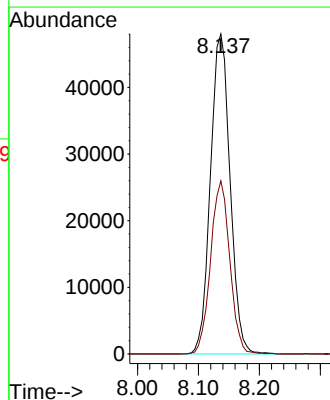
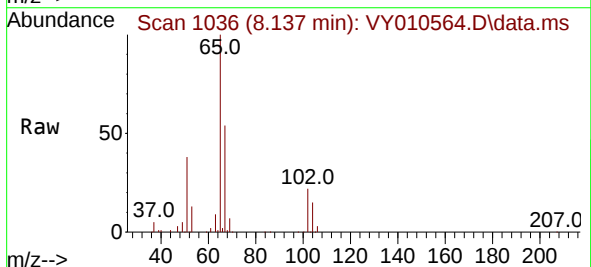
Instrument :
MSVOA_Y
ClientSampleId :
A2-6-18

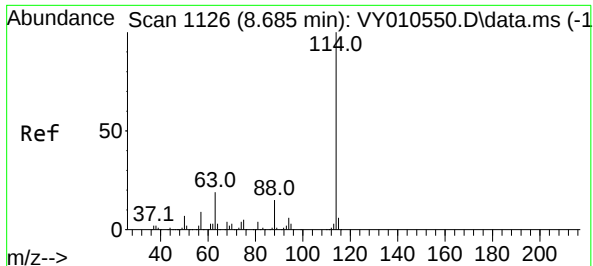
Tgt Ion: 76 Resp: 50456
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 63.874 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010564.D
Acq: 19 Sep 2022 20:21

Tgt Ion: 65 Resp: 107460
Ion Ratio Lower Upper
65 100
67 52.9 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: VY010564.D

Acq: 19 Sep 2022 20:21

Instrument :

MSVOA_Y

ClientSampleId :

A2-6-18

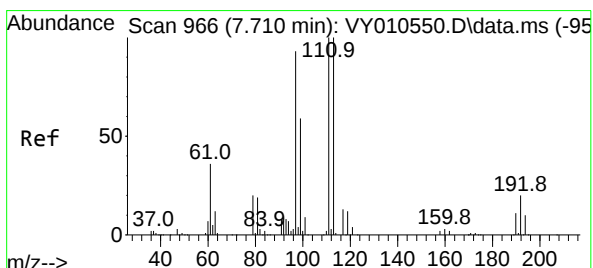
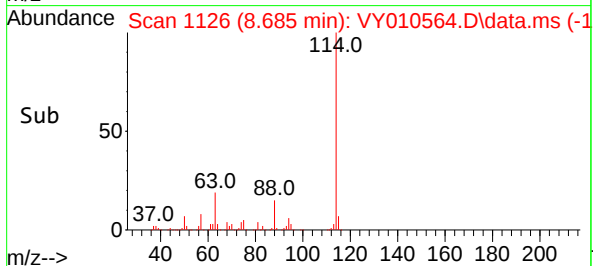
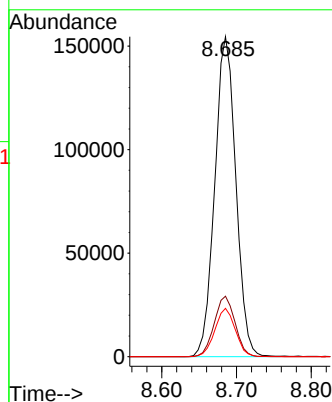
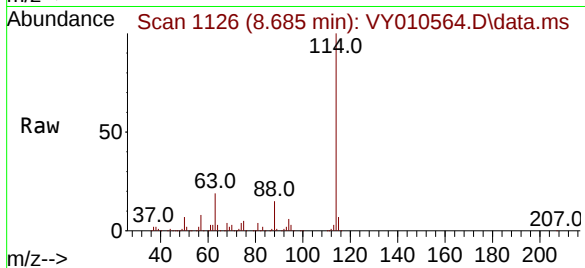
Tgt Ion:114 Resp: 303012

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.506 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010564.D

Acq: 19 Sep 2022 20:21

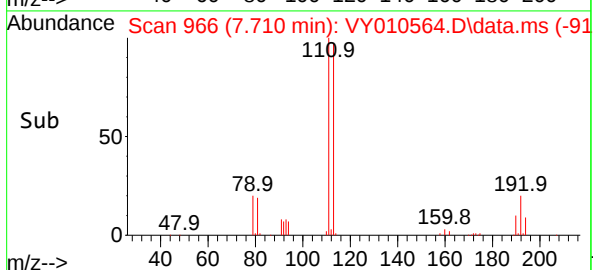
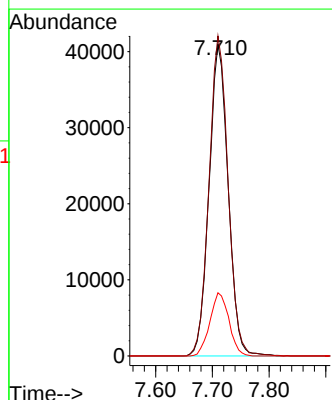
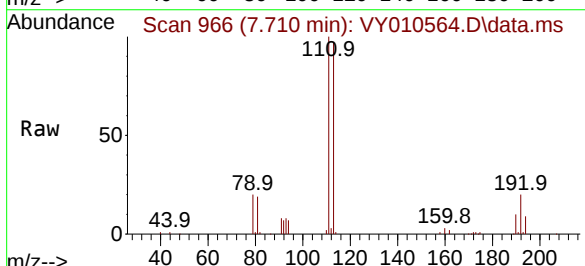
Tgt Ion:113 Resp: 95736

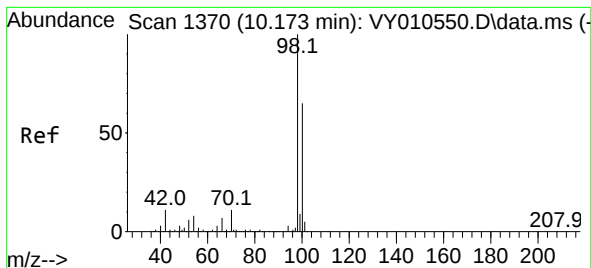
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 20.2 17.6 26.4

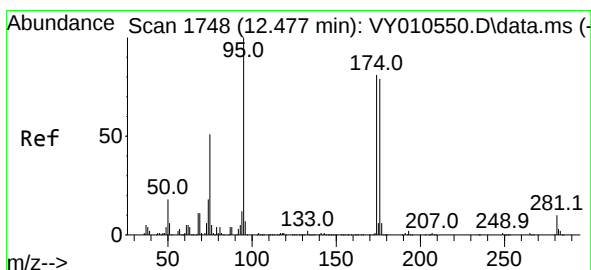
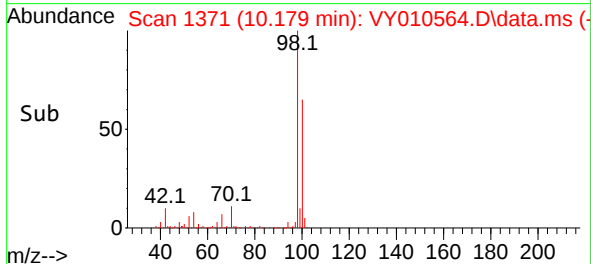
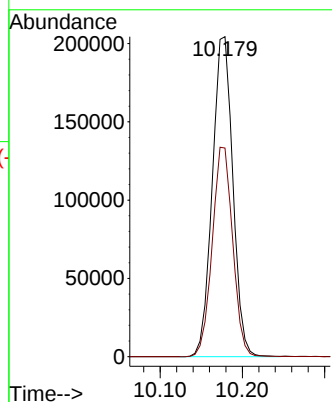
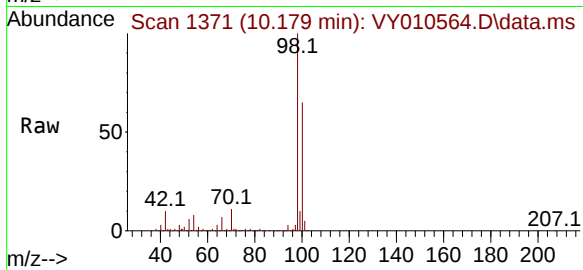




#50
Toluene-d8
Concen: 49.593 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010564.D
Acq: 19 Sep 2022 20:21

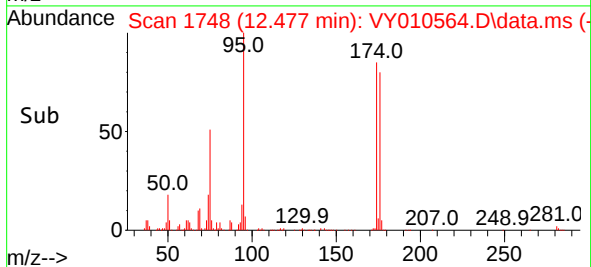
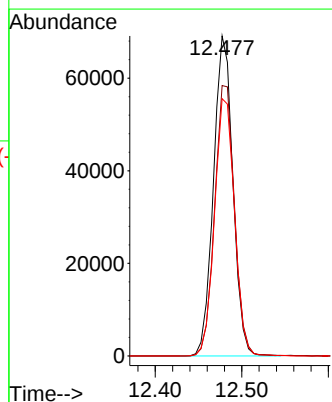
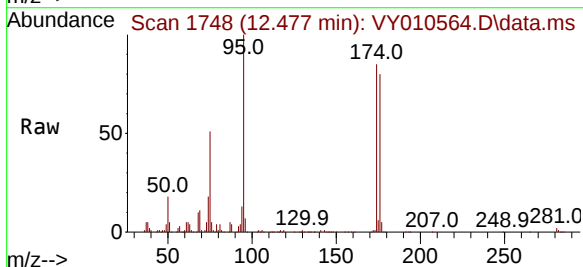
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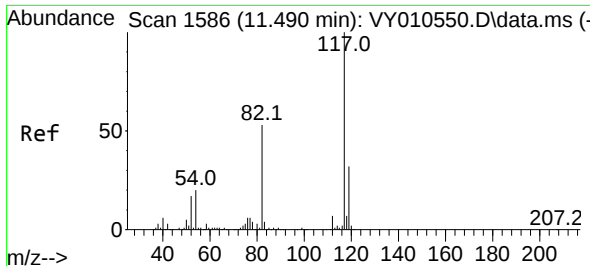
Tgt Ion: 98 Resp: 354250
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.017 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010564.D
Acq: 19 Sep 2022 20:21

Tgt Ion: 95 Resp: 107572
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 83.0 0.0 175.8

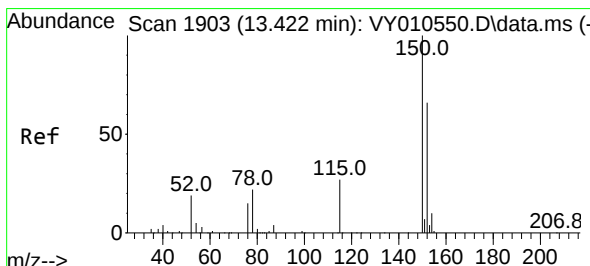
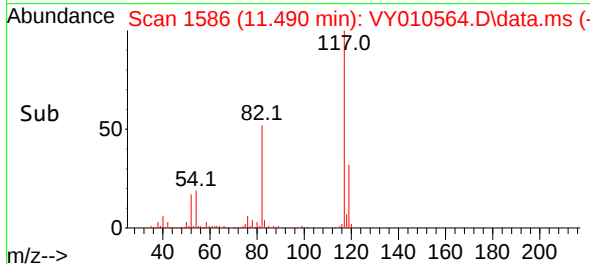
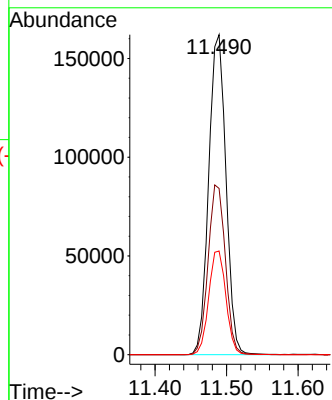
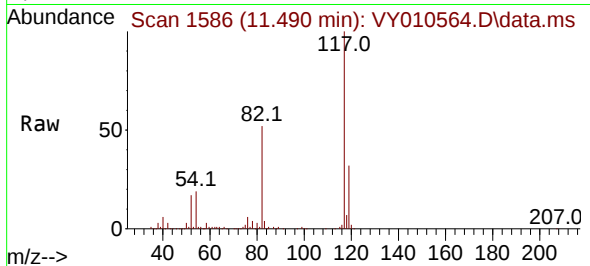




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010564.D
Acq: 19 Sep 2022 20:21

Instrument :
MSVOA_Y
ClientSampleId :
A2-6-18

Tgt Ion:117 Resp: 271578
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.4 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: VY010564.D
Acq: 19 Sep 2022 20:21

Tgt Ion:152 Resp: 102649
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 157.6 0.0 347.6

