

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010650.D
 Acq On : 23 Sep 2022 15:46
 Operator : KP/MD
 Sample : N4762-02
 Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22014-(17.5-18)

Quant Time: Sep 24 01:22:01 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)

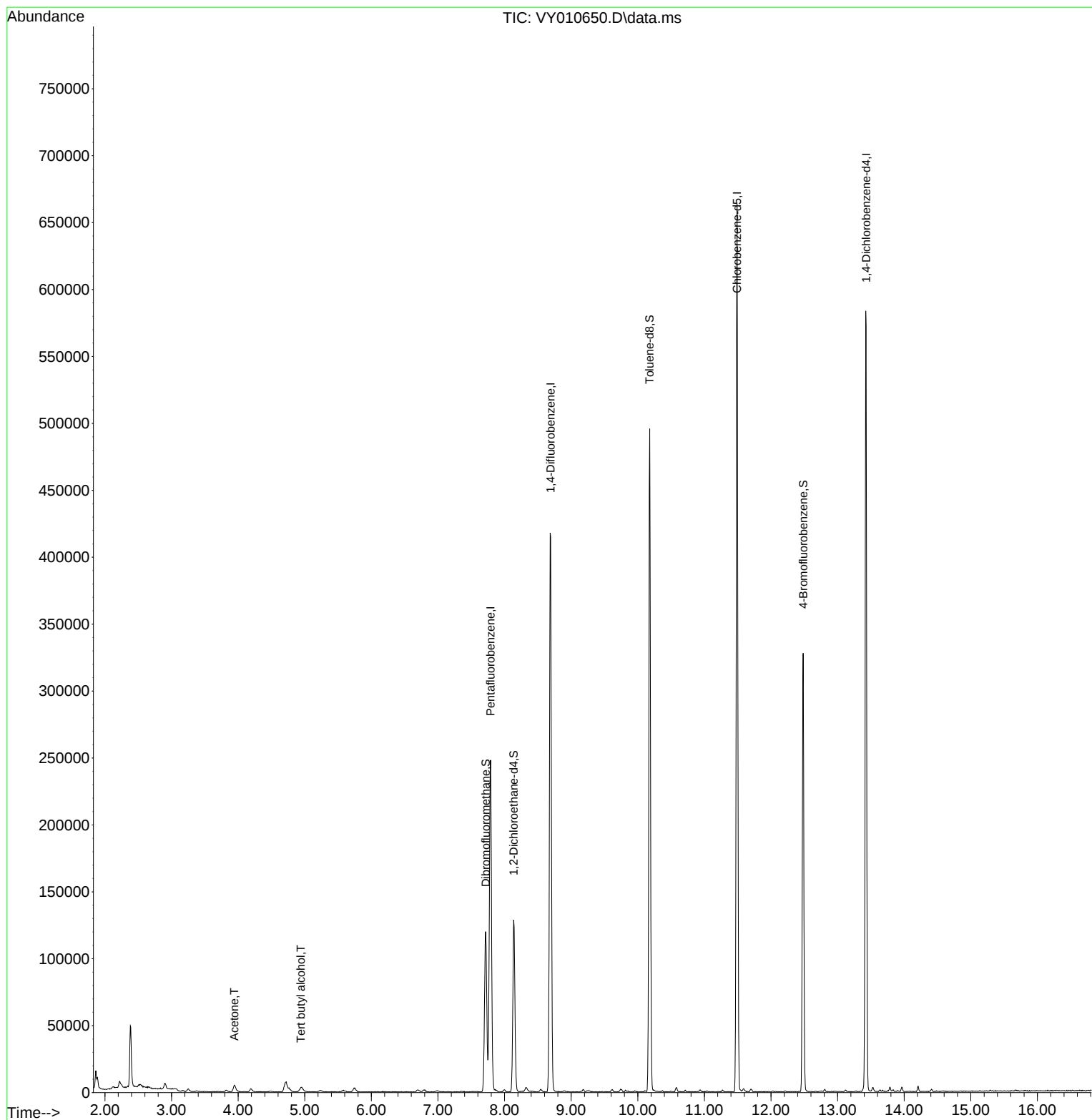
Internal Standards						
1) Pentafluorobenzene	7.789	168	191123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	363883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	355594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	98466	53.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.720%	
35) Dibromofluoromethane	7.716	113	84919	36.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 73.140%	
50) Toluene-d8	10.179	98	322892	38.394	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 76.780%	
62) 4-Bromofluorobenzene	12.483	95	94657	28.559	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 57.120%	
Target Compounds						
11) Tert butyl alcohol	4.942	59	6530	30.099	ug/l	Qvalue 97
16) Acetone	3.942	43	8868	23.788	ug/l #	81

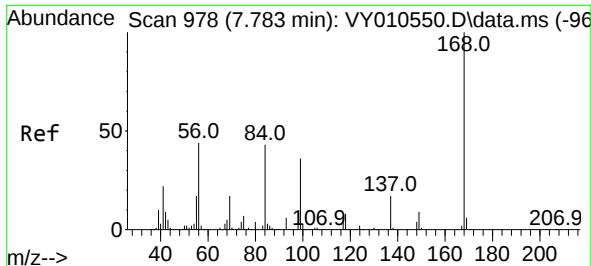
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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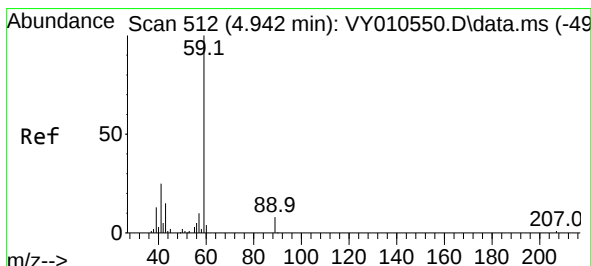
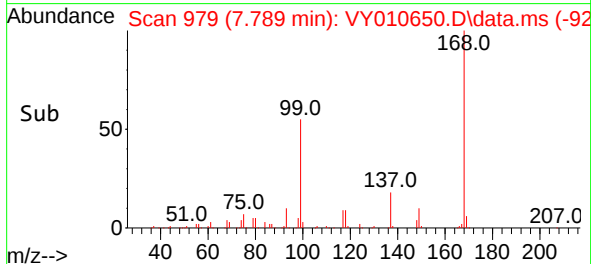
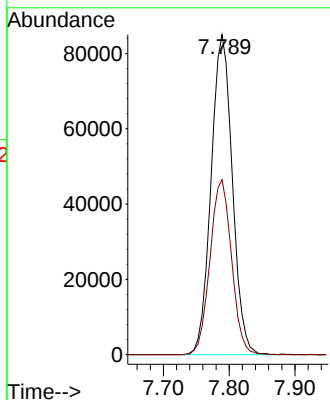
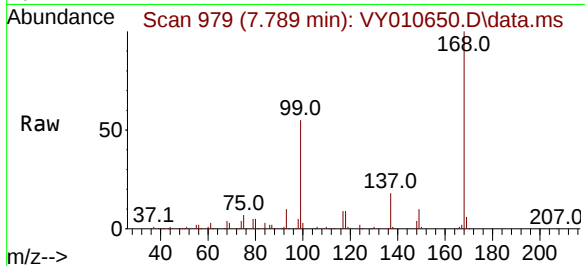




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010650.D
Acq: 23 Sep 2022 15:46

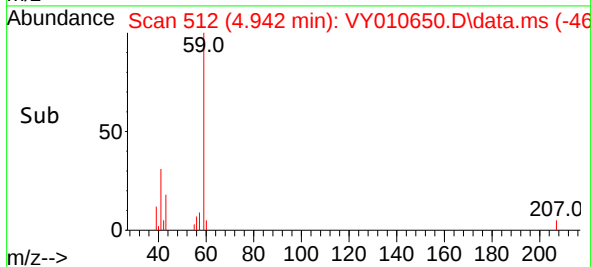
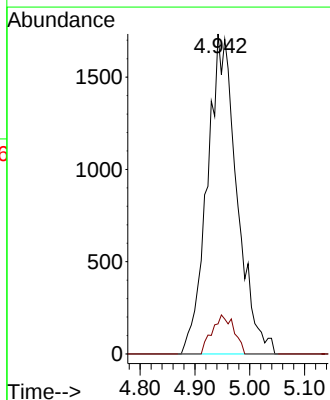
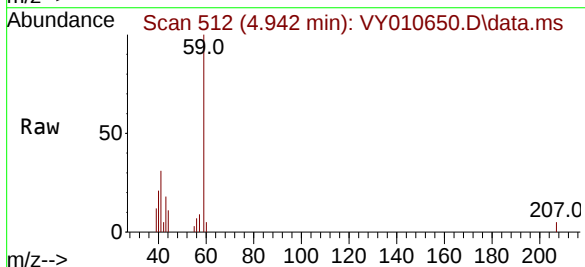
Instrument :
MSVOA_Y
ClientSampleId :
D22014-(17.5-18)

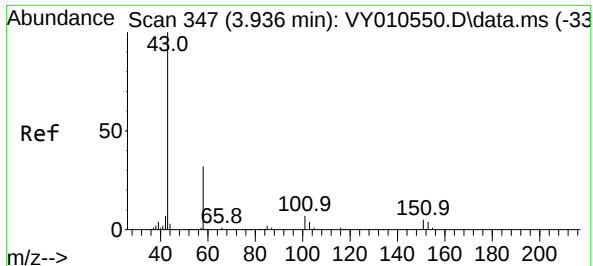
Tgt Ion:168 Resp: 191123
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 30.099 ug/l
RT: 4.942 min Scan# 512
Delta R.T. 0.000 min
Lab File: VY010650.D
Acq: 23 Sep 2022 15:46

Tgt Ion: 59 Resp: 6530
Ion Ratio Lower Upper
59 100
57 9.0 6.4 9.6





#16

Acetone

Concen: 23.788 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY010650.D

Acq: 23 Sep 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

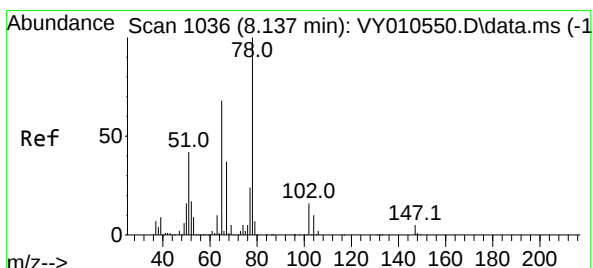
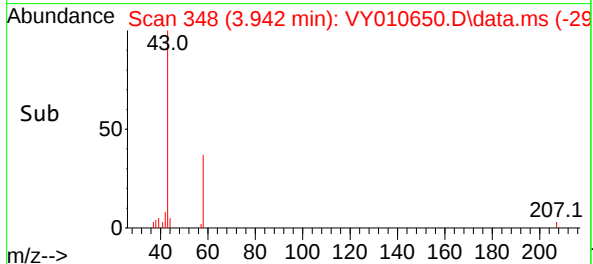
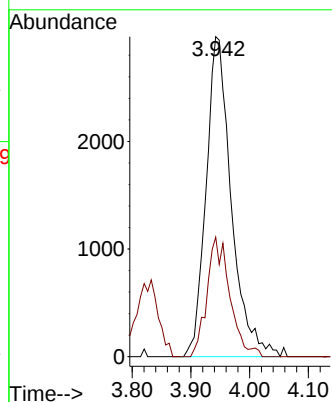
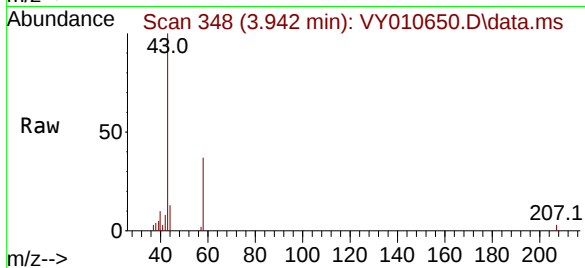
D22014-(17.5-18)

Tgt Ion: 43 Resp: 8868

Ion Ratio Lower Upper

43 100

58 37.4 22.0 33.0#



#33

1,2-Dichloroethane-d4

Concen: 53.864 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY010650.D

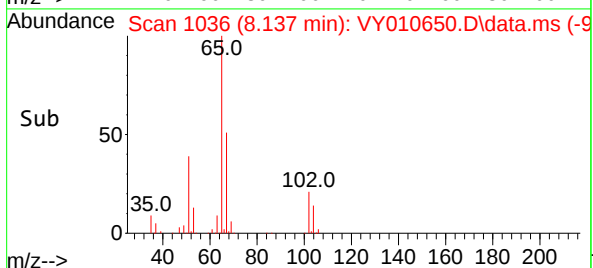
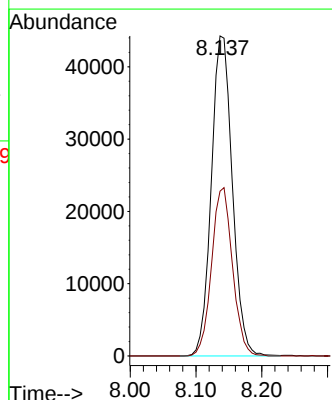
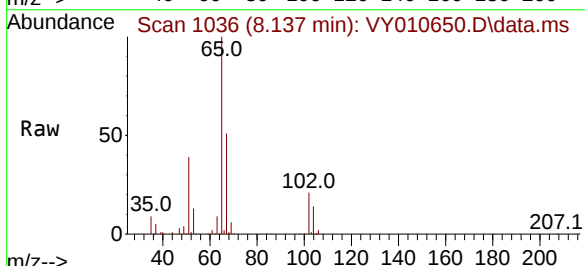
Acq: 23 Sep 2022 15:46

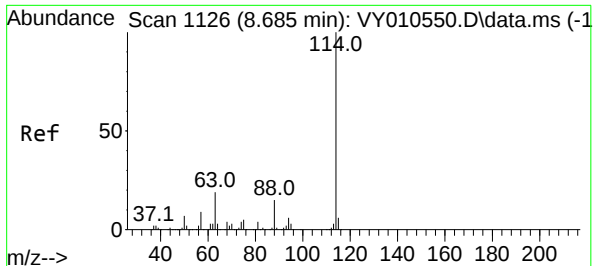
Tgt Ion: 65 Resp: 98466

Ion Ratio Lower Upper

65 100

67 52.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010650.D

Acq: 23 Sep 2022 15:46

Instrument :

MSVOA_Y

ClientSampleId :

D22014-(17.5-18)

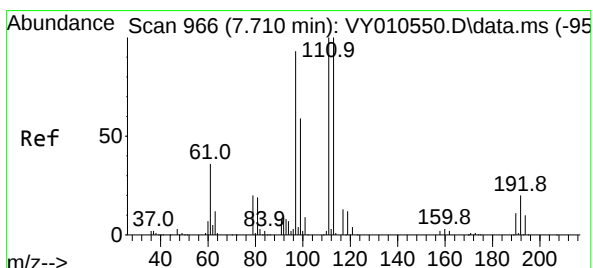
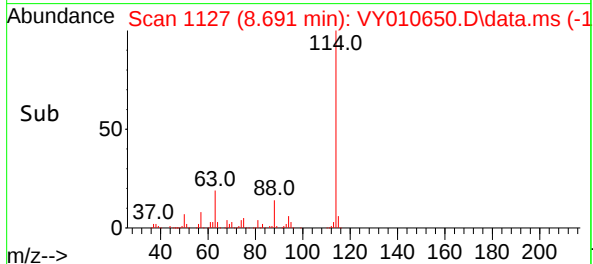
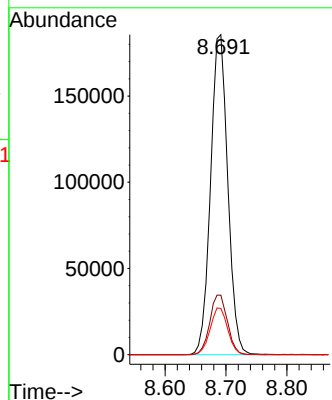
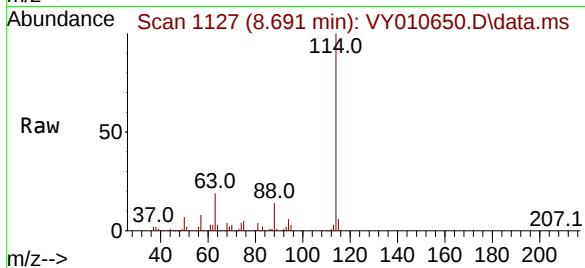
Tgt Ion:114 Resp: 363883

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 36.567 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010650.D

Acq: 23 Sep 2022 15:46

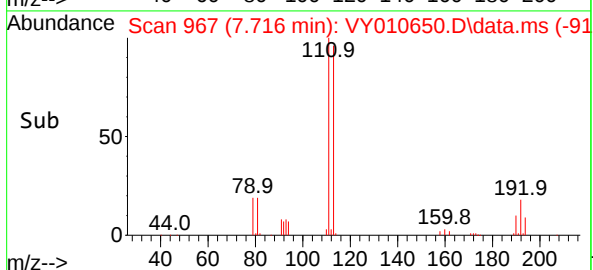
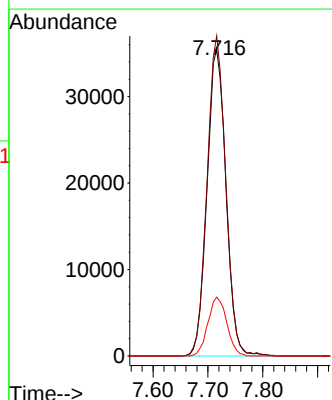
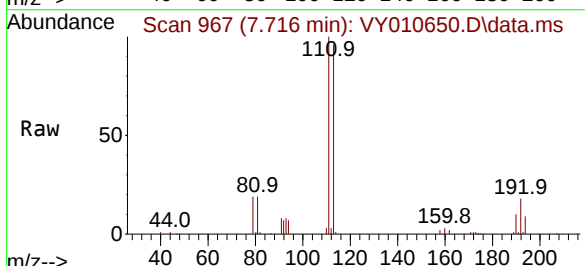
Tgt Ion:113 Resp: 84919

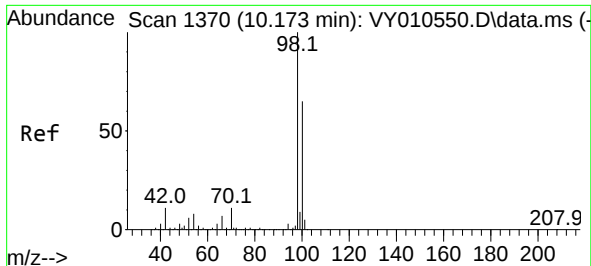
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 19.1 17.6 26.4

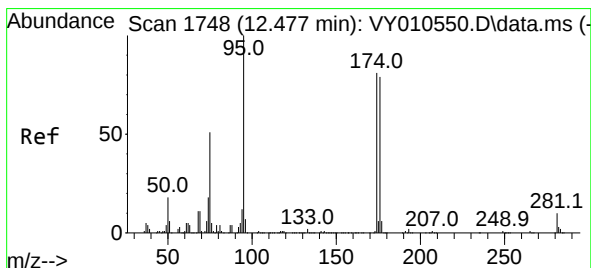
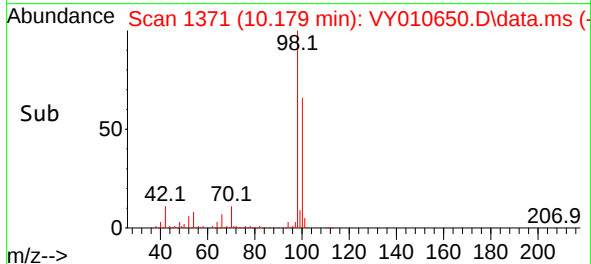
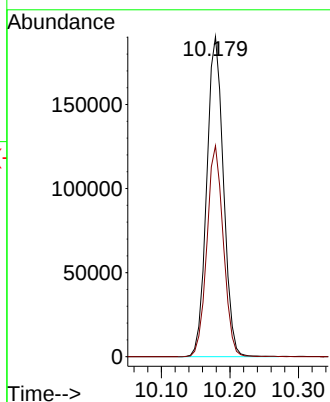
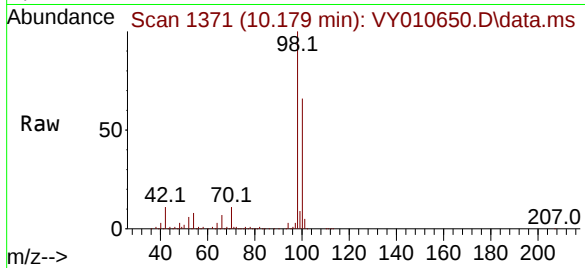




#50
Toluene-d8
Concen: 38.394 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010650.D
Acq: 23 Sep 2022 15:46

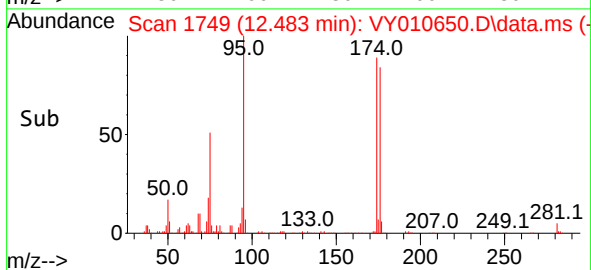
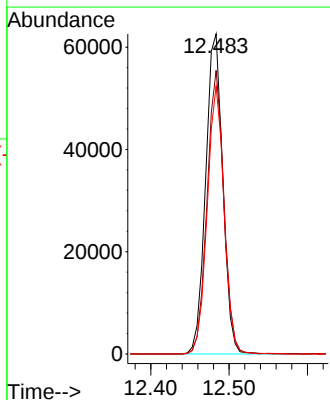
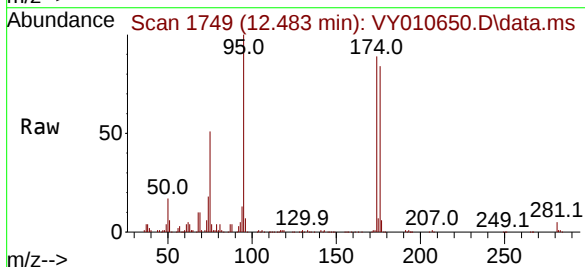
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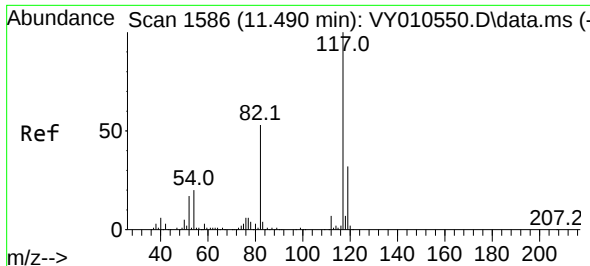
Tgt Ion: 98 Resp: 322892
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 28.559 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010650.D
Acq: 23 Sep 2022 15:46

Tgt Ion: 95 Resp: 94657
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 82.3 0.0 175.8

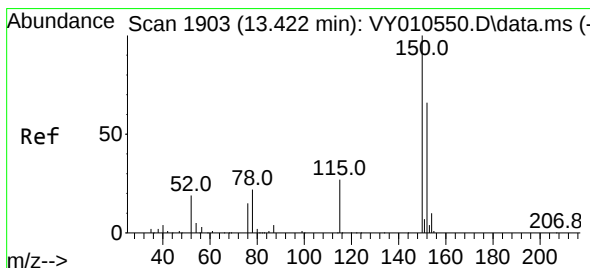
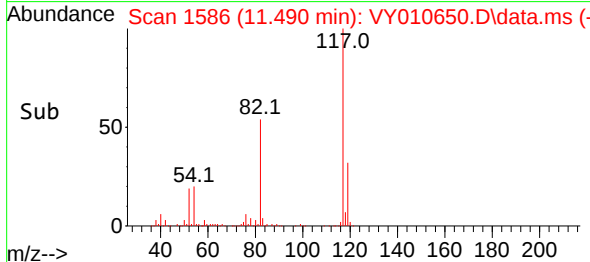
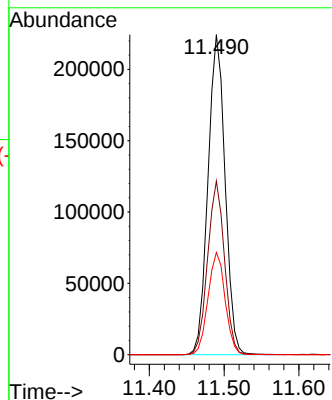
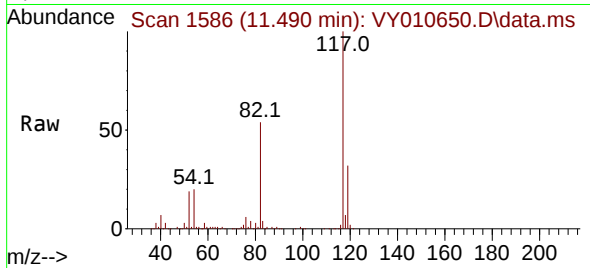




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010650.D
Acq: 23 Sep 2022 15:46

Instrument :
MSVOA_Y
ClientSampleId :
D22014-(17.5-18)

Tgt Ion:117 Resp: 355594
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.0 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: VY010650.D
Acq: 23 Sep 2022 15:46

Tgt Ion:152 Resp: 147901
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 158.4 0.0 347.6

