

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092622\
 Data File : VY010672.D
 Acq On : 26 Sep 2022 15:42
 Operator : KP/MD
 Sample : N4762-02RE
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Sep 27 06:27:01 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)

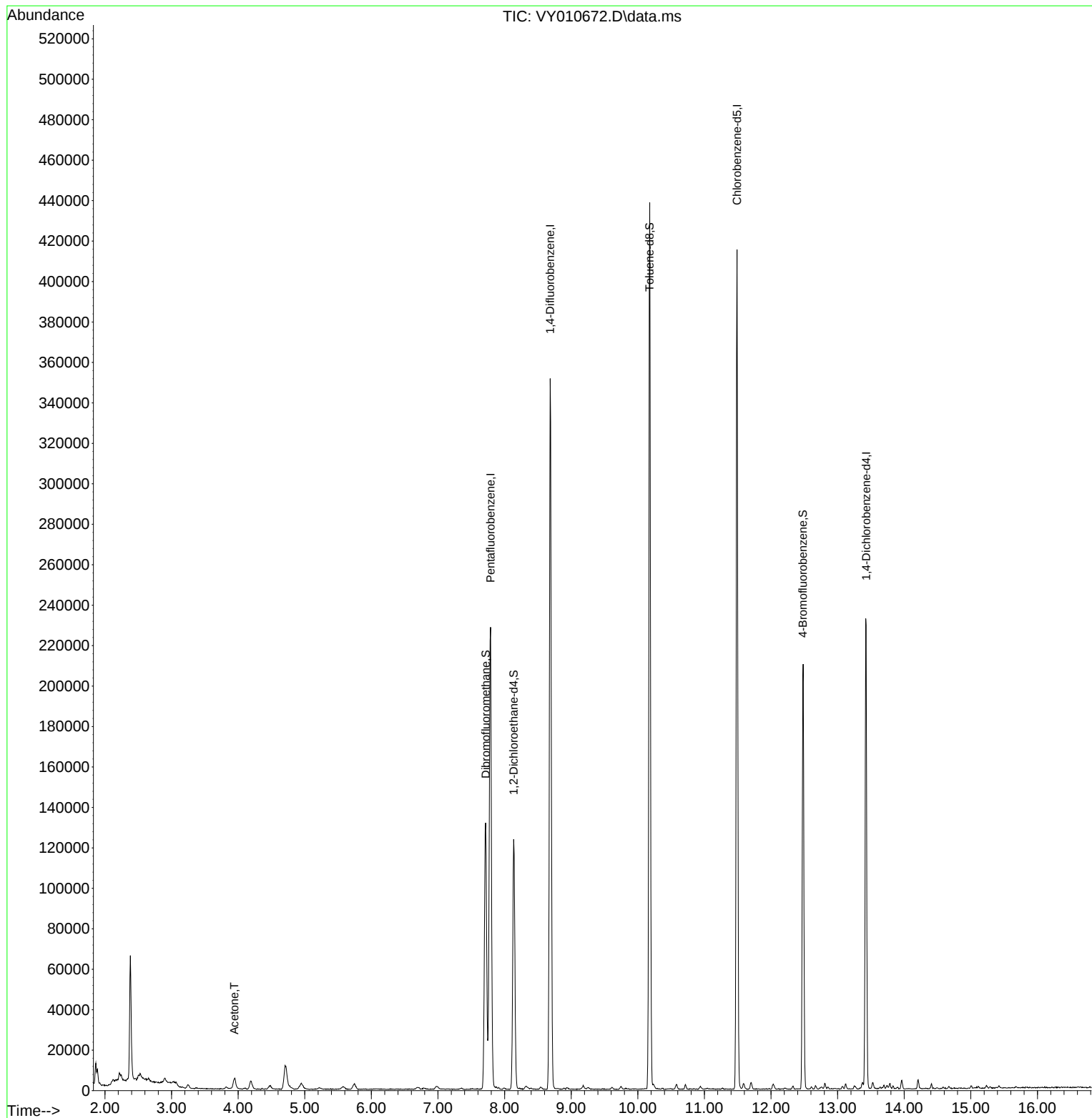
Internal Standards						
1) Pentafluorobenzene	7.789	168	174217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	294662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	220308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94904	56.953	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.900%
35) Dibromofluoromethane	7.715	113	93561	49.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.178	98	278321	40.668	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.340%
62) 4-Bromofluorobenzene	12.477	95	64063	23.400	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	46.800%
Target Compounds						
16) Acetone	3.942	43	9756	28.710	ug/l	Qvalue 98

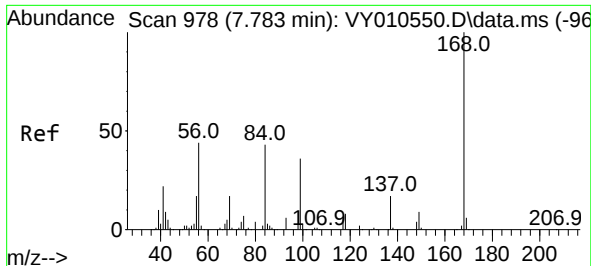
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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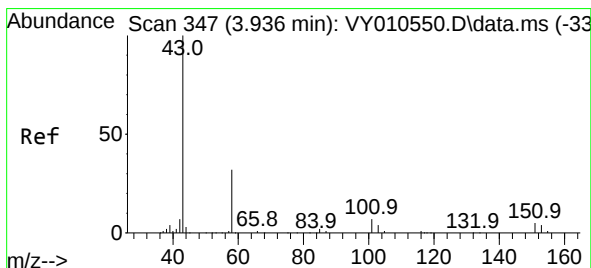
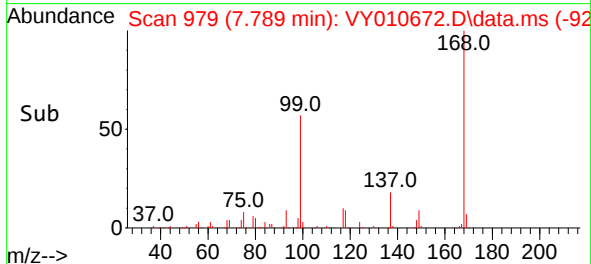
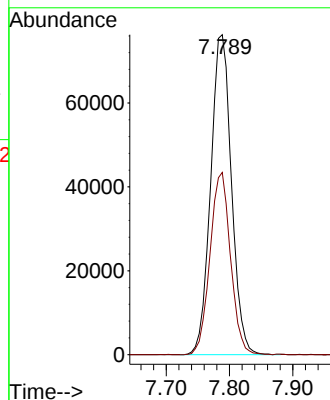
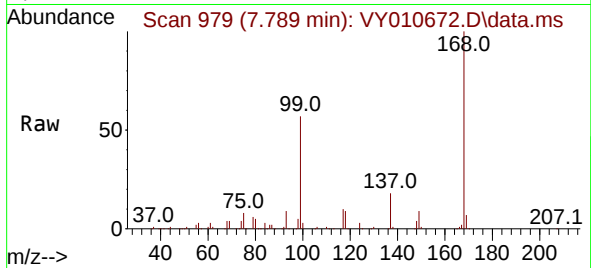




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010672.D
Acq: 26 Sep 2022 15:42

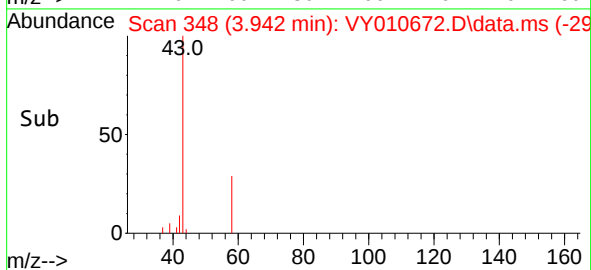
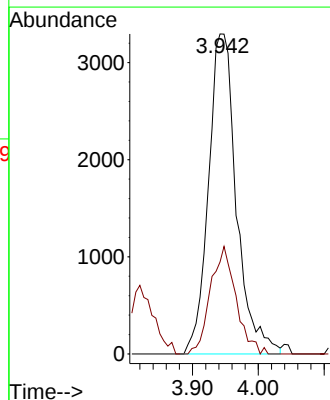
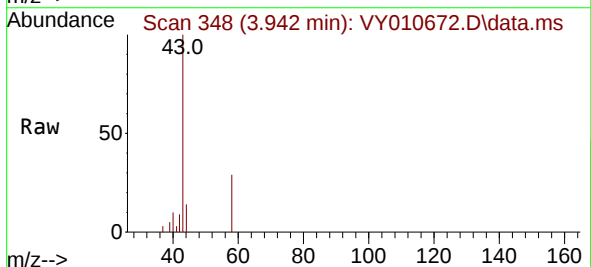
Instrument :
MSVOA_Y
ClientSampleId :
D22014-(17.5-18)RE

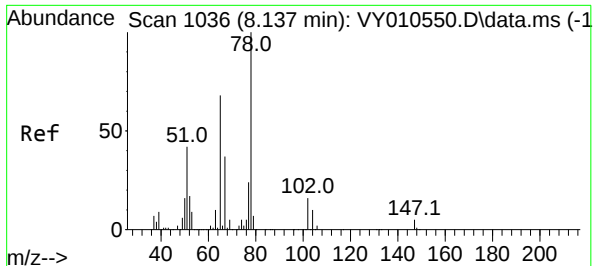
Tgt Ion:168 Resp: 174217
Ion Ratio Lower Upper
168 100
99 56.9 46.9 70.3



#16
Acetone
Concen: 28.710 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010672.D
Acq: 26 Sep 2022 15:42

Tgt Ion: 43 Resp: 9756
Ion Ratio Lower Upper
43 100
58 28.7 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 56.953 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY010672.D

Acq: 26 Sep 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

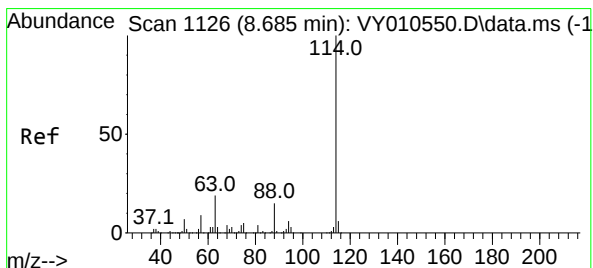
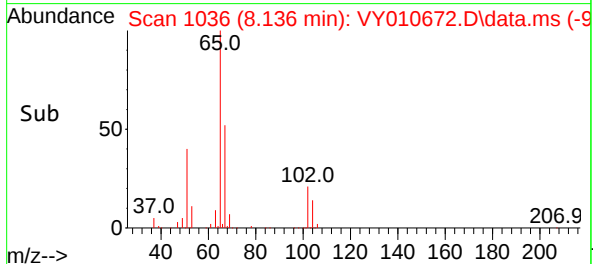
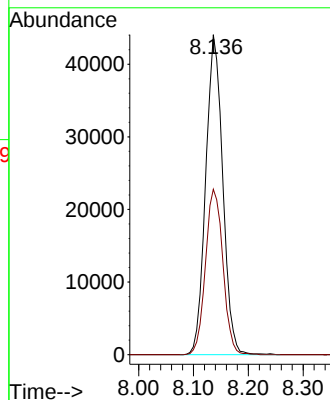
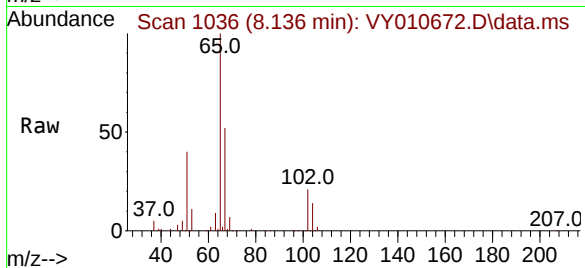
D22014-(17.5-18)RE

Tgt Ion: 65 Resp: 94904

Ion Ratio Lower Upper

65 100

67 52.8 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: VY010672.D

Acq: 26 Sep 2022 15:42

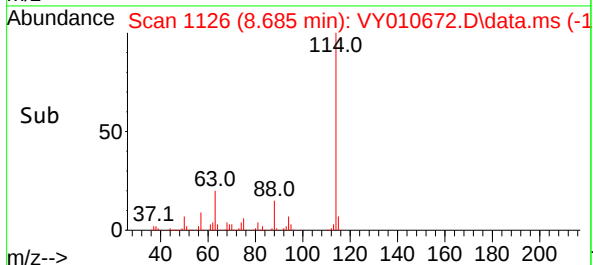
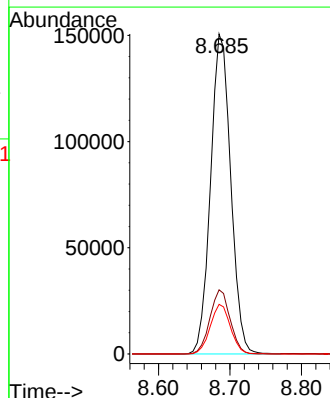
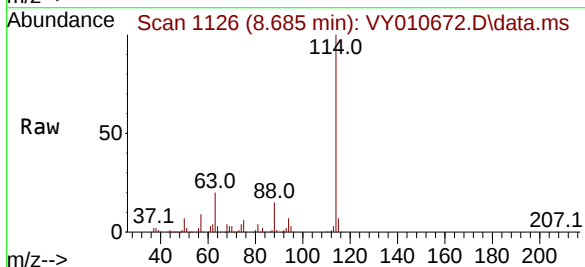
Tgt Ion: 114 Resp: 294662

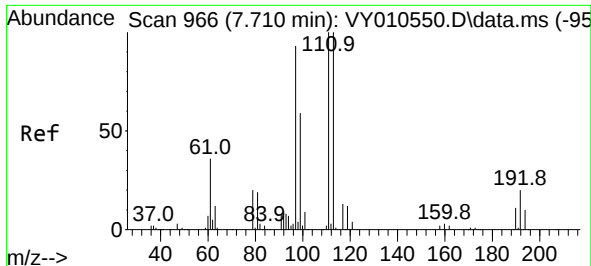
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.5 0.0 31.8

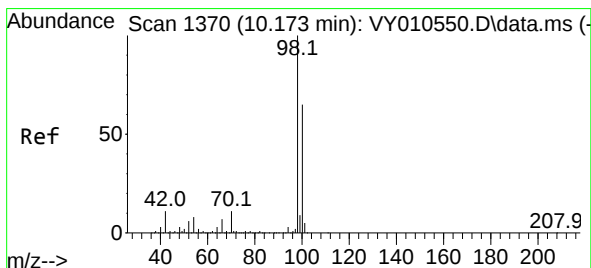
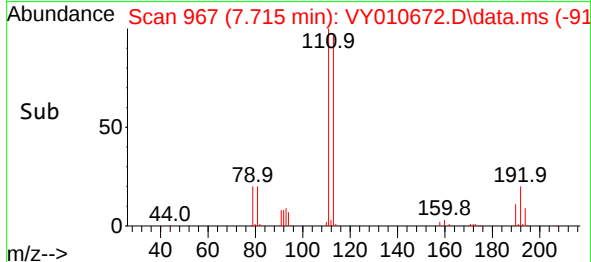
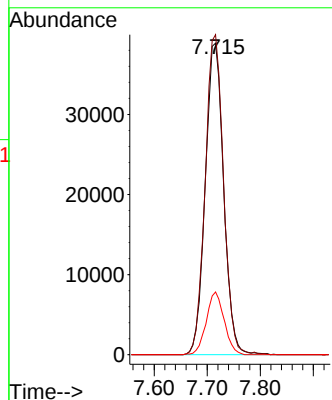
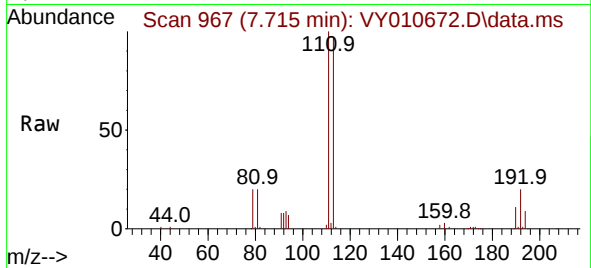




#35
Dibromofluoromethane
Concen: 49.752 ug/l
RT: 7.715 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY010672.D
Acq: 26 Sep 2022 15:42

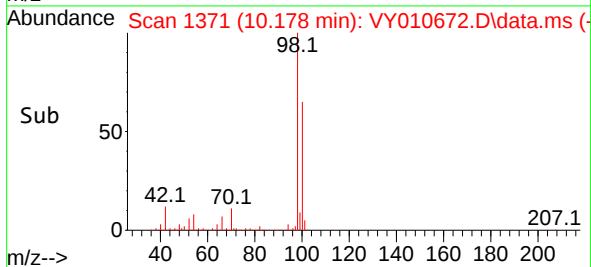
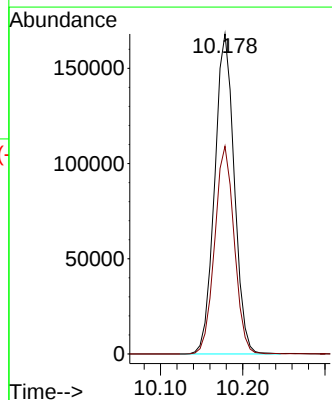
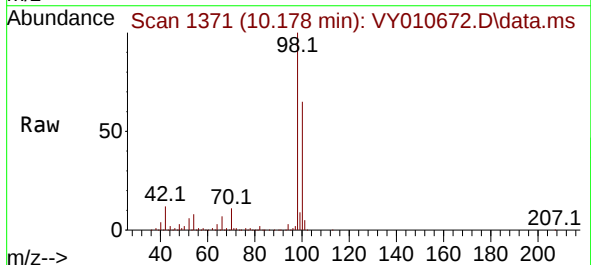
Instrument :
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ClientSampleId :
D22014-(17.5-18)RE

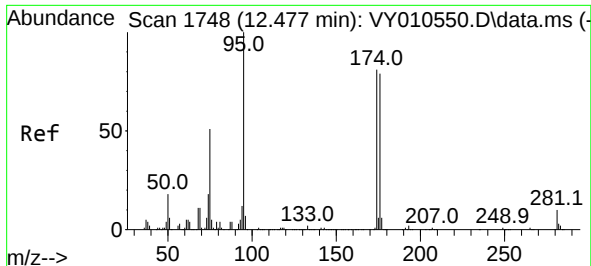
Tgt Ion:113 Resp: 93561
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.6 17.6 26.4



#50
Toluene-d8
Concen: 40.668 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.005 min
Lab File: VY010672.D
Acq: 26 Sep 2022 15:42

Tgt Ion: 98 Resp: 278321
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

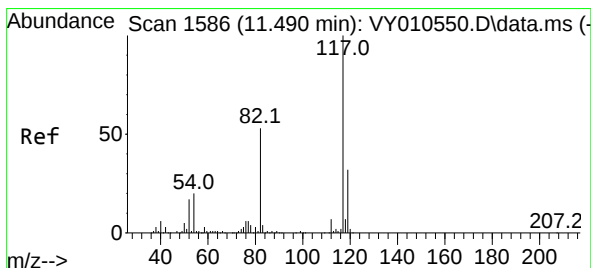
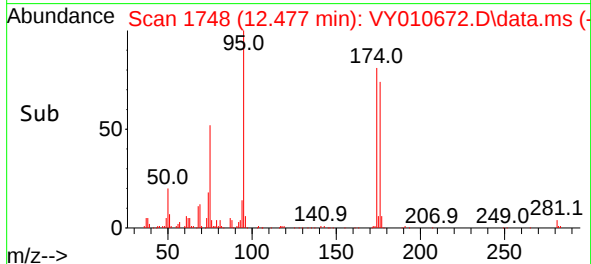
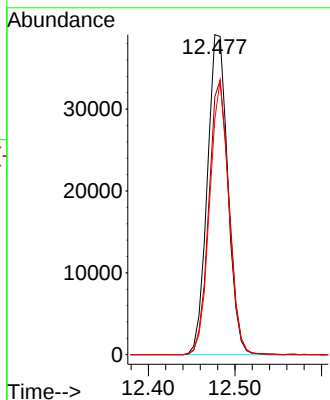
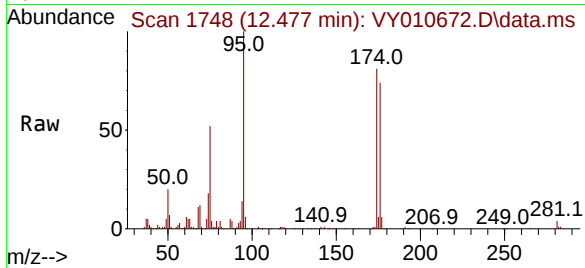




#62
4-Bromofluorobenzene
Concen: 23.400 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010672.D
Acq: 26 Sep 2022 15:42

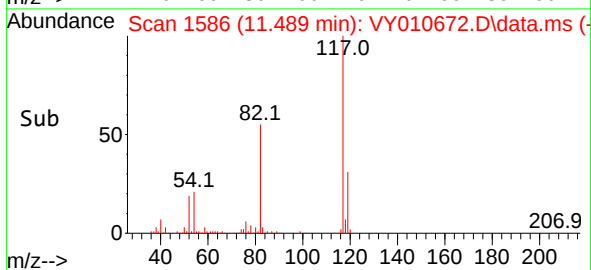
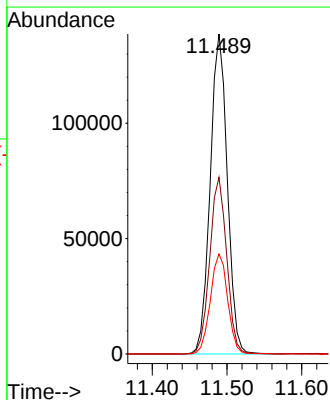
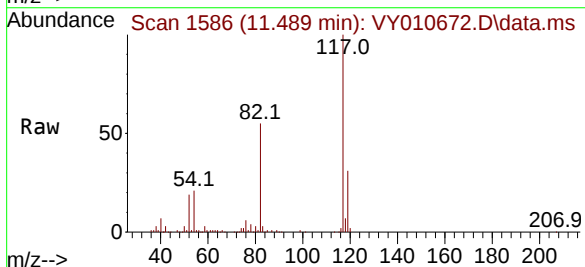
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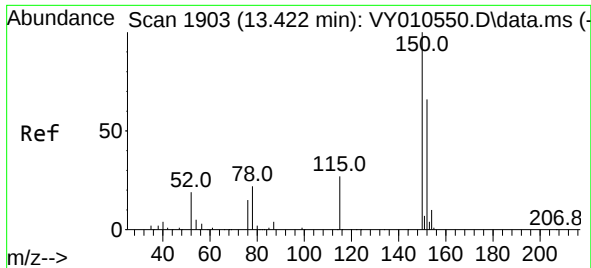
Tgt Ion: 95 Resp: 64063
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 80.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010672.D
Acq: 26 Sep 2022 15:42

Tgt Ion: 117 Resp: 220308
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 31.3 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: VY010672.D

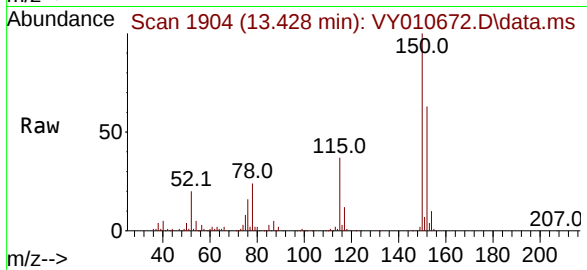
Acq: 26 Sep 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

D22014-(17.5-18)RE



Tgt Ion:152 Resp: 60330

Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 157.2 0.0 347.6

