

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093022\
 Data File : VY010748.D
 Acq On : 30 Sep 2022 14:45
 Operator : KP/MD
 Sample : N4912-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11939

Quant Time: Oct 01 06:18:04 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)

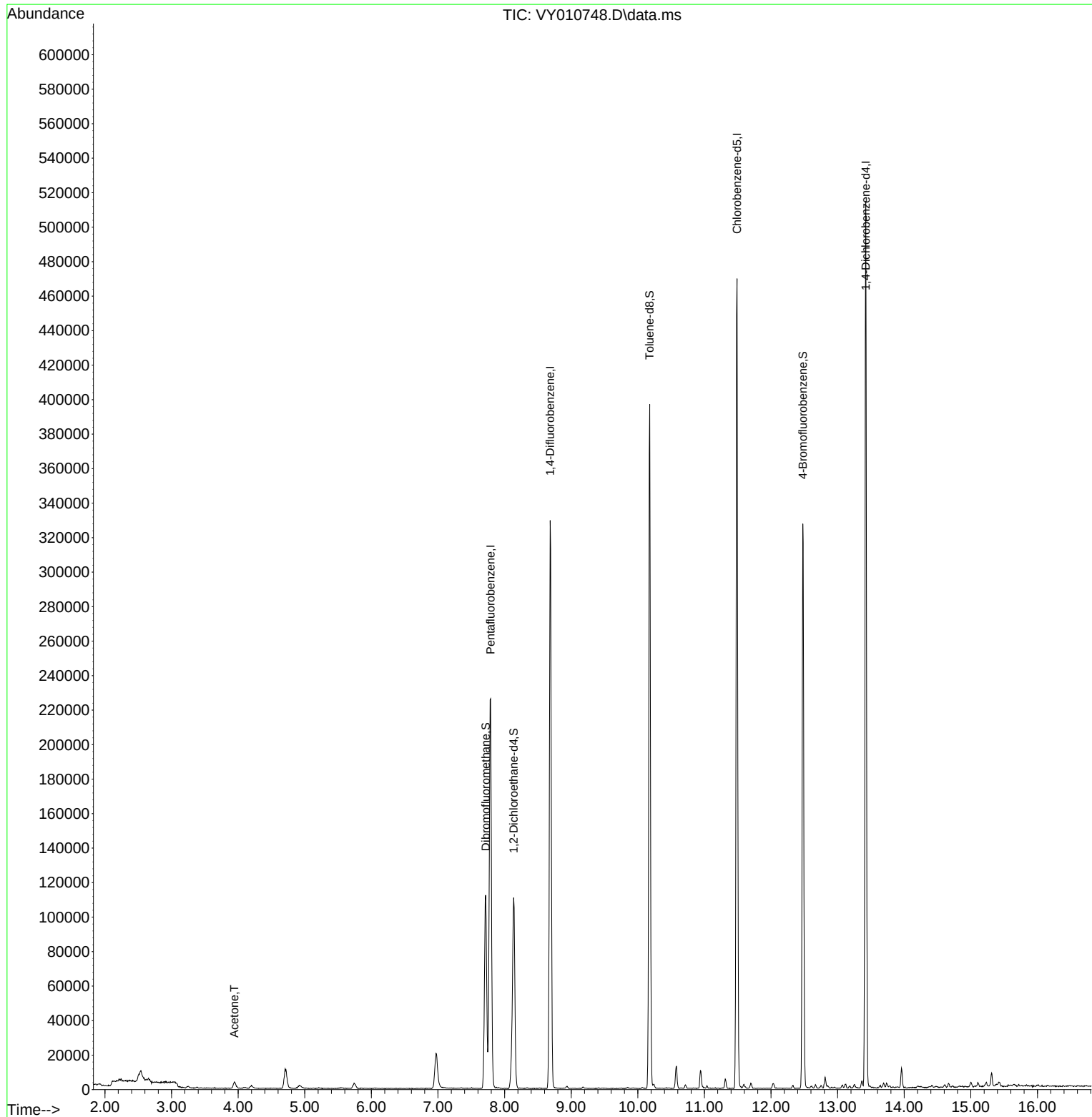
Internal Standards						
1) Pentafluorobenzene	7.789	168	179262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	280590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81480	47.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.040%
35) Dibromofluoromethane	7.716	113	78136	43.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.260%
50) Toluene-d8	10.179	98	259265	39.851	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.700%
62) 4-Bromofluorobenzene	12.477	95	96260	38.574	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.140%
Target Compounds						Qvalue
16) Acetone	3.942	43	6703	19.171	ug/l	# 81

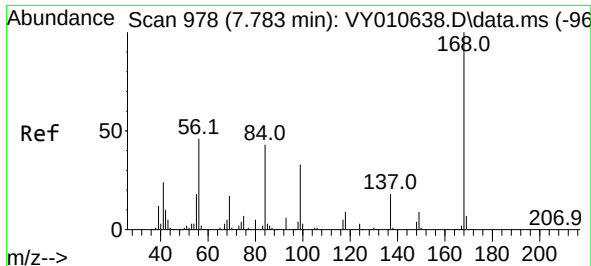
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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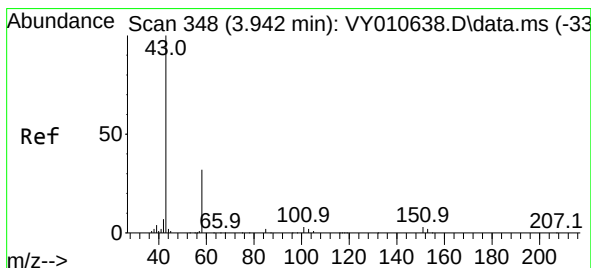
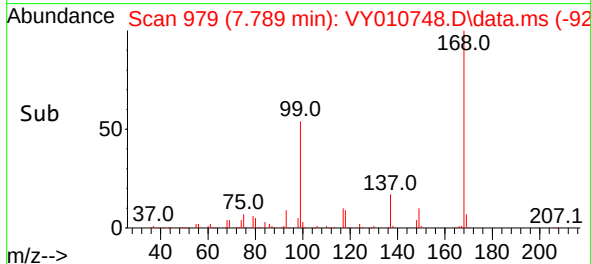
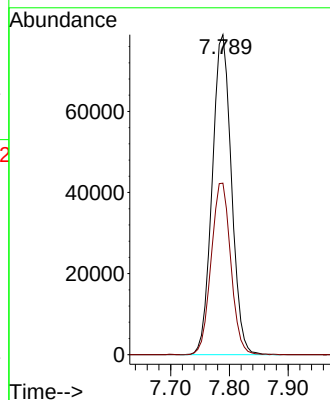
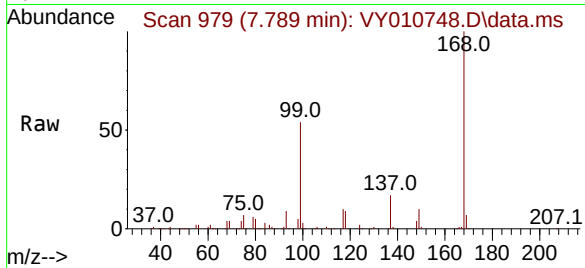




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010748.D
Acq: 30 Sep 2022 14:45

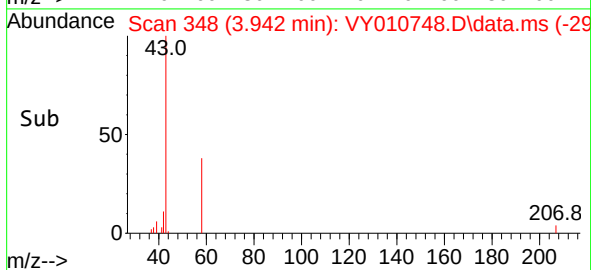
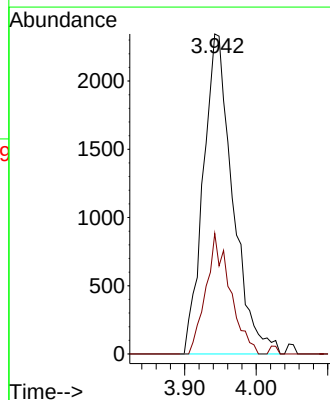
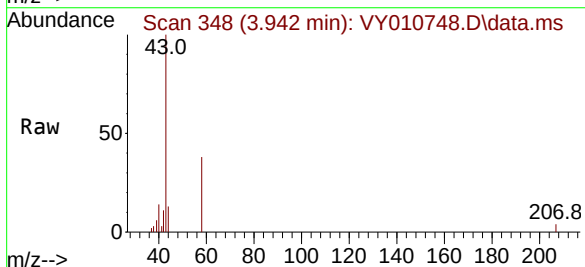
Instrument :
MSVOA_Y
ClientSampleId :
72-11939

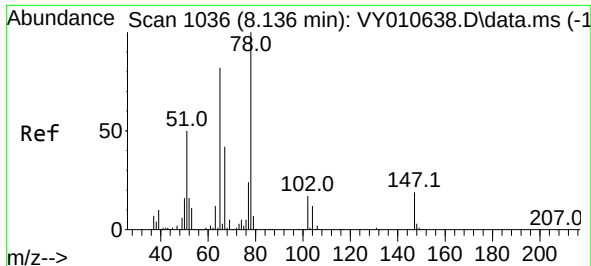
Tgt Ion:168 Resp: 179262
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#16
Acetone
Concen: 19.171 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010748.D
Acq: 30 Sep 2022 14:45

Tgt Ion: 43 Resp: 6703
Ion Ratio Lower Upper
43 100
58 37.7 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 47.521 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010748.D

Acq: 30 Sep 2022 14:45

Instrument :

MSVOA_Y

ClientSampleId :

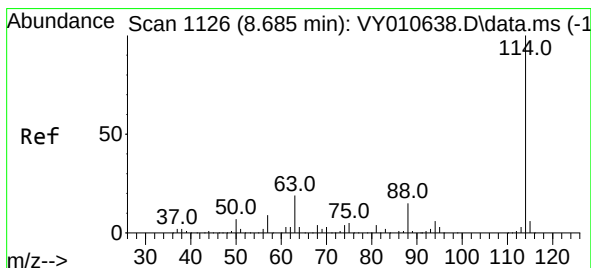
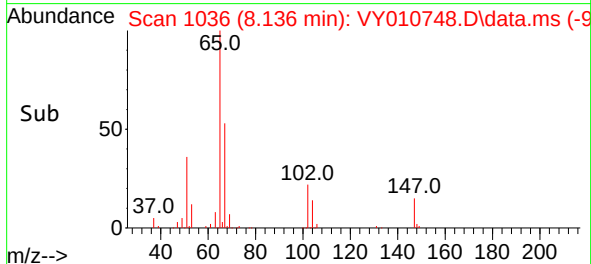
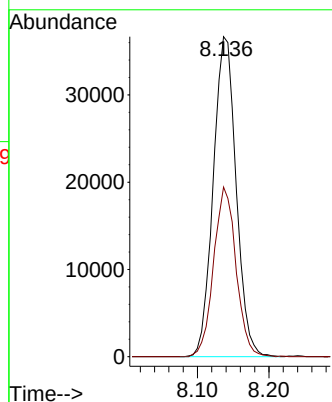
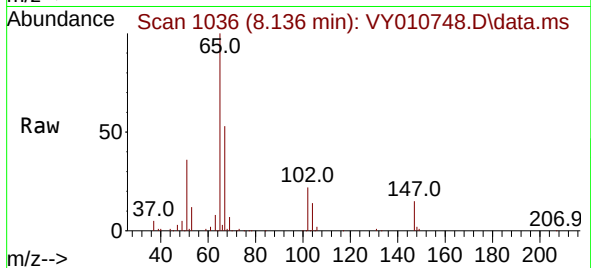
72-11939

Tgt Ion: 65 Resp: 81480

Ion Ratio Lower Upper

65 100

67 51.9 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: VY010748.D

Acq: 30 Sep 2022 14:45

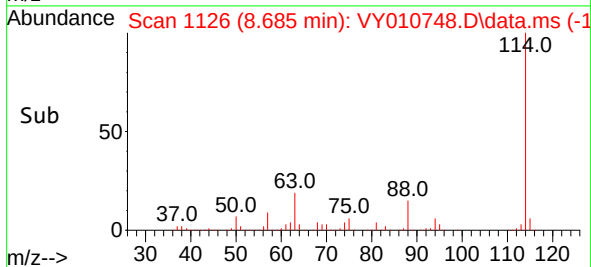
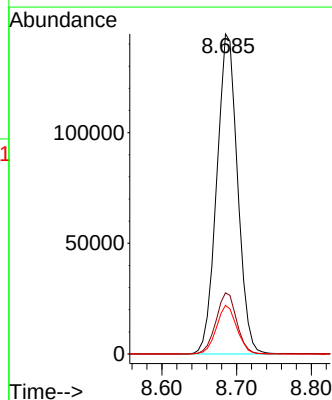
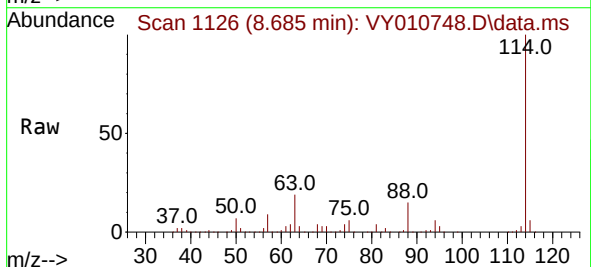
Tgt Ion: 114 Resp: 280590

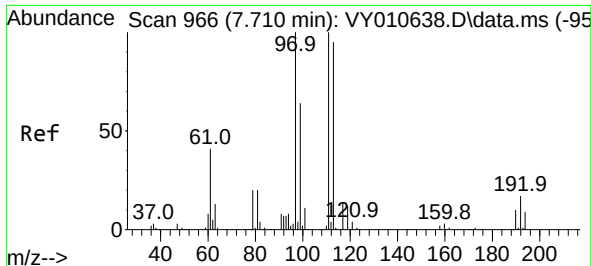
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.2 0.0 31.8

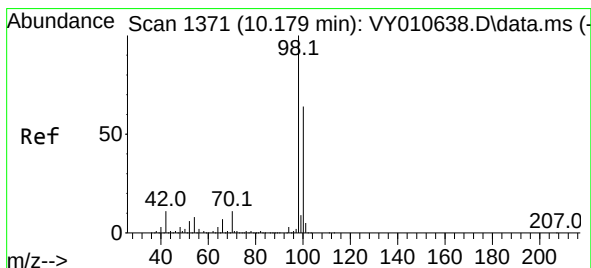
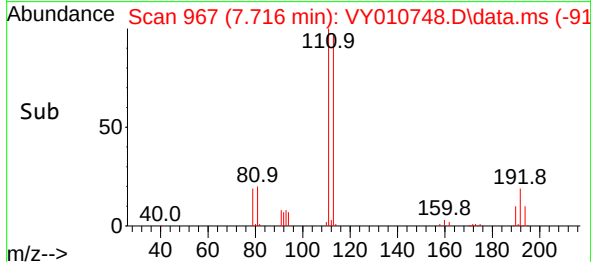
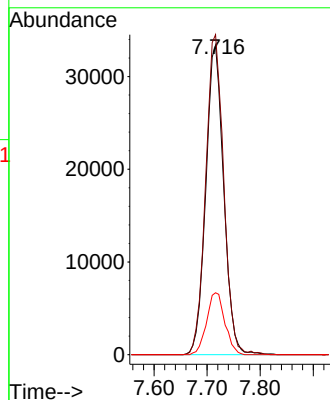
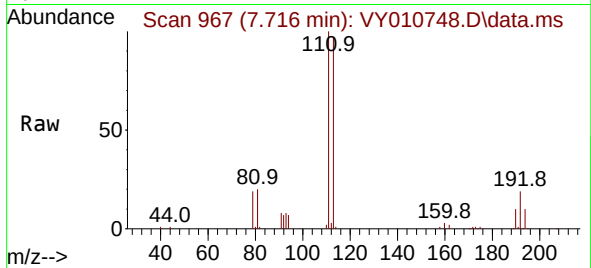




#35
Dibromofluoromethane
Concen: 43.634 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010748.D
Acq: 30 Sep 2022 14:45

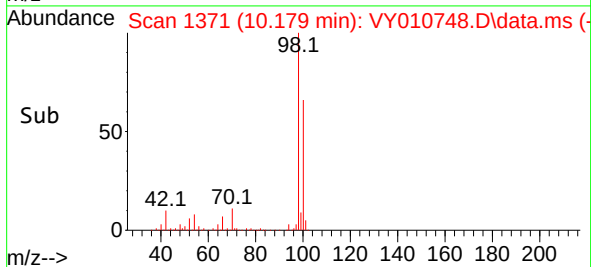
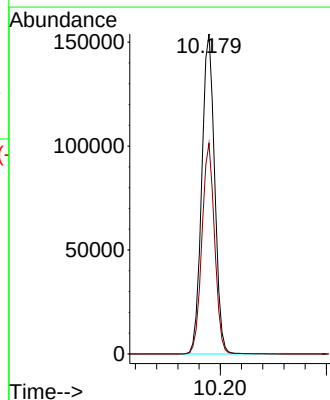
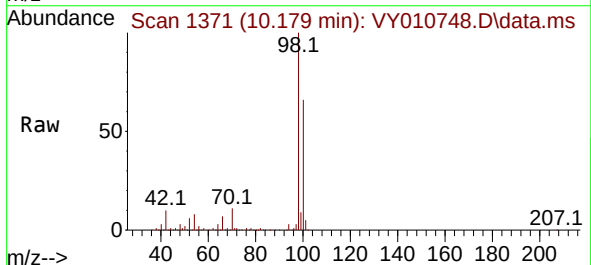
Instrument :
MSVOA_Y
ClientSampleId :
72-11939

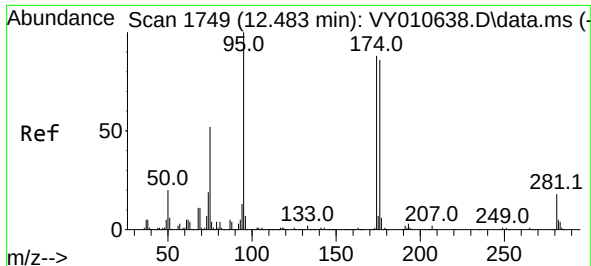
Tgt Ion:113 Resp: 78136
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 20.4 17.6 26.4



#50
Toluene-d8
Concen: 39.851 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010748.D
Acq: 30 Sep 2022 14:45

Tgt Ion: 98 Resp: 259265
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

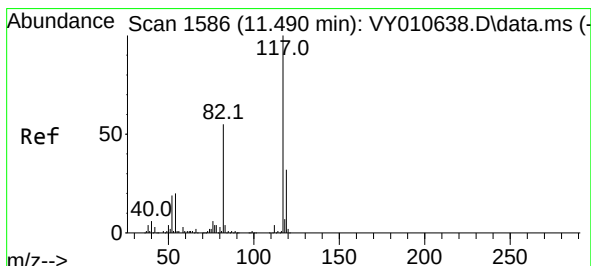
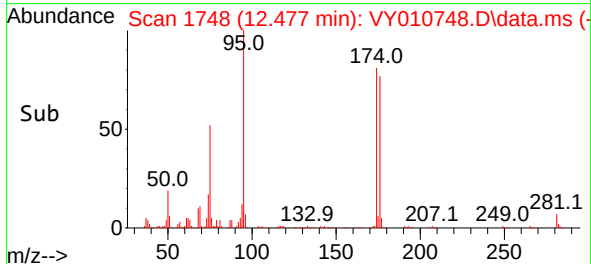
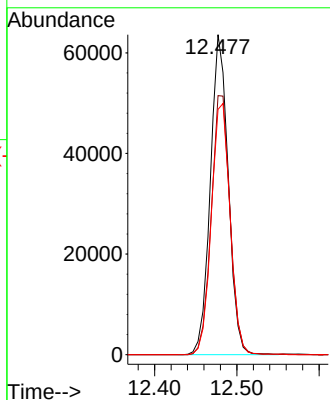
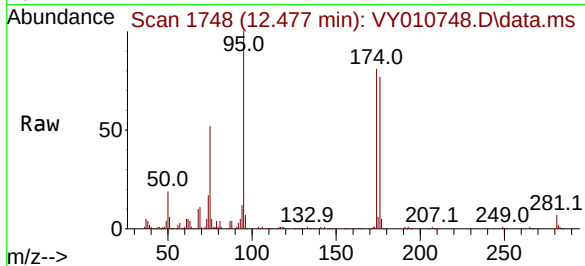




#62
4-Bromofluorobenzene
Concen: 38.574 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010748.D
Acq: 30 Sep 2022 14:45

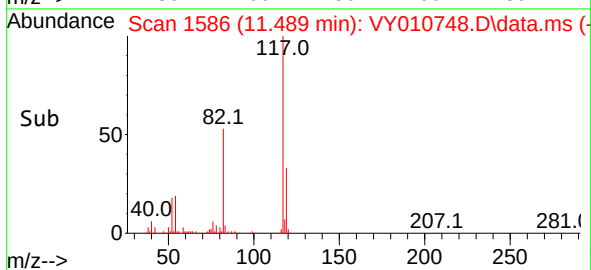
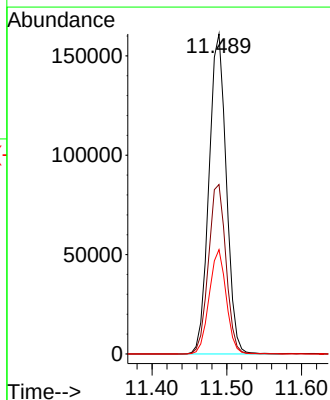
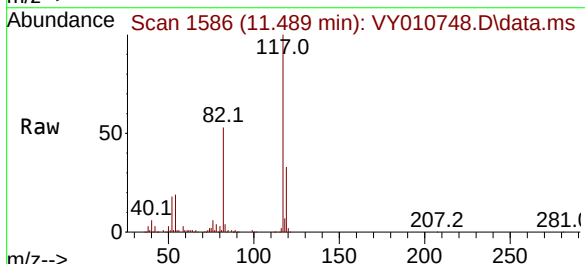
Instrument :
MSVOA_Y
ClientSampleId :
72-11939

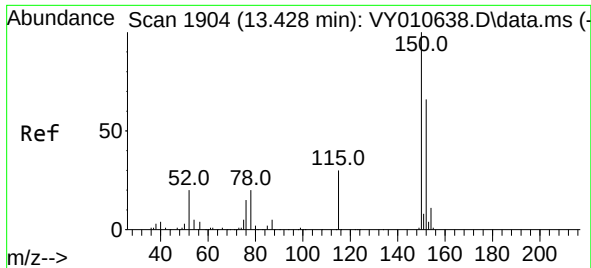
Tgt Ion: 95 Resp: 96260
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 82.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010748.D
Acq: 30 Sep 2022 14:45

Tgt Ion: 117 Resp: 259173
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.6 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: VY010748.D

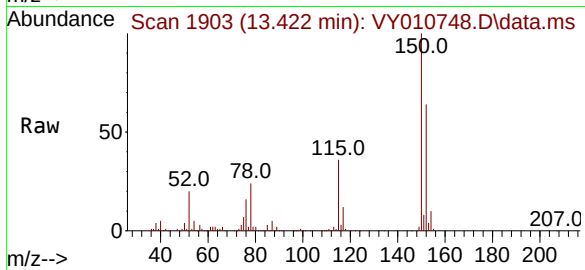
Acq: 30 Sep 2022 14:45

Instrument :

MSVOA_Y

ClientSampleId :

72-11939



Tgt Ion:152 Resp: 131193

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 157.4 0.0 347.6

