

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010472.D
 Acq On : 13 Sep 2022 20:27
 Operator : KP/MD
 Sample : N4572-03
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124019

Quant Time: Sep 14 05:28:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	93287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	159816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	56714	60.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.720%
35) Dibromofluoromethane	7.710	113	51052	44.979	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.960%
50) Toluene-d8	10.173	98	190373	51.752	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.500%
62) 4-Bromofluorobenzene	12.477	95	61600	41.159	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.320%

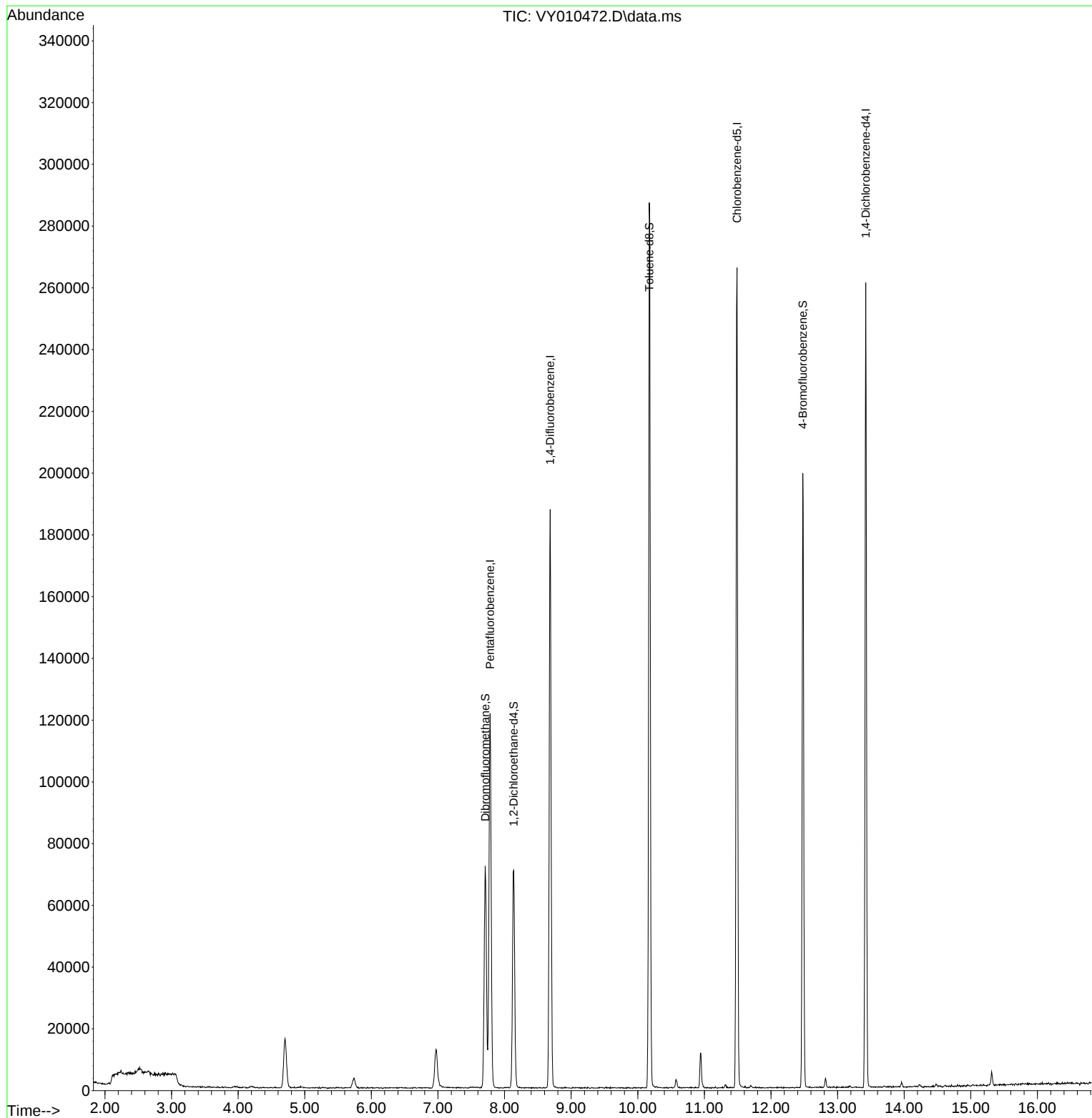
Target Compounds	Qvalue

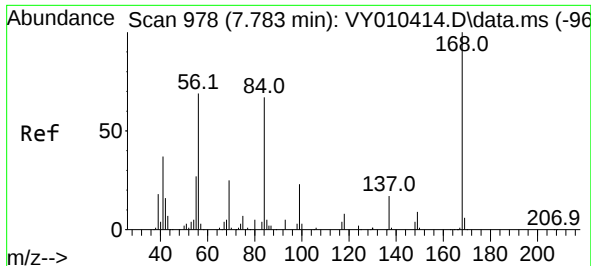
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
Data File : VY010472.D
Acq On : 13 Sep 2022 20:27
Operator : KP/MD
Sample : N4572-03
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

Quant Time: Sep 14 05:28:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 09 17:08:30 2022
Response via : Initial Calibration

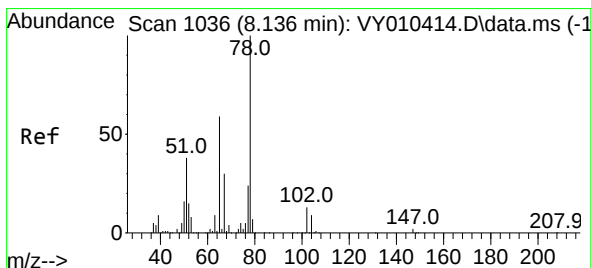
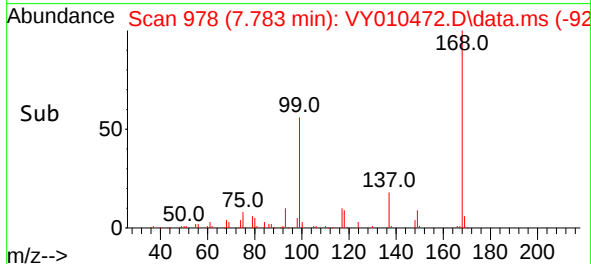
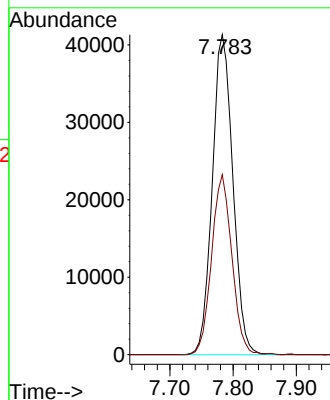
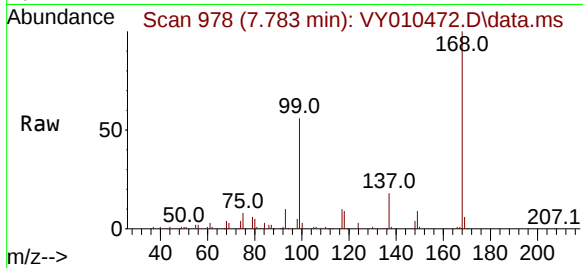




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

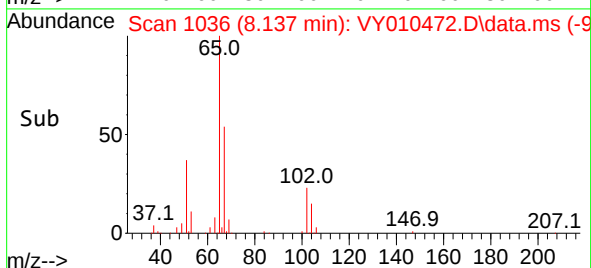
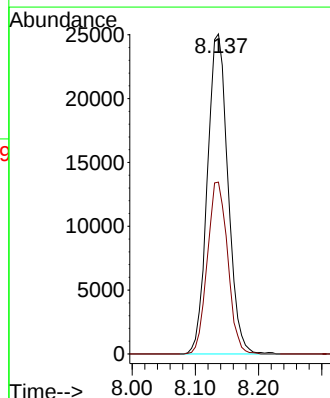
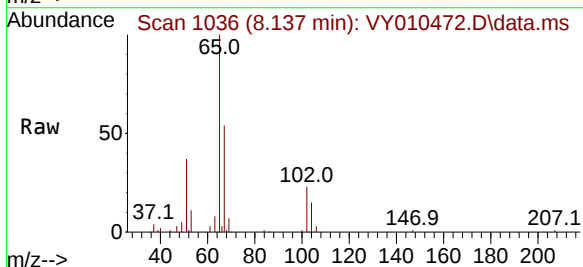
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

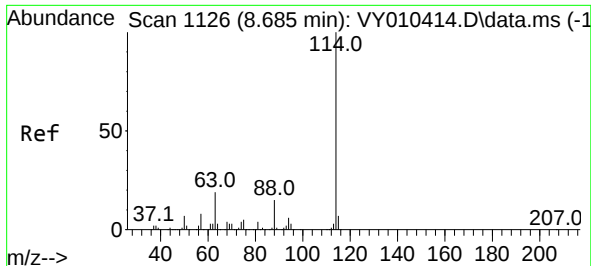
Tgt Ion:168 Resp: 93287
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.363 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

Tgt Ion: 65 Resp: 56714
Ion Ratio Lower Upper
65 100
67 53.0 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: VY010472.D

Acq: 13 Sep 2022 20:27

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124019

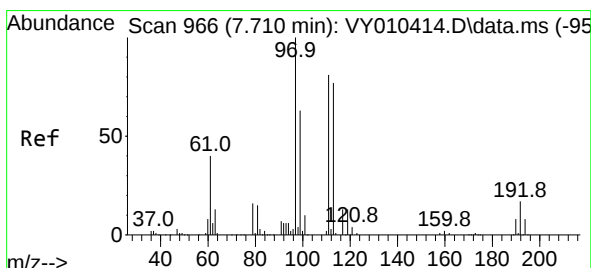
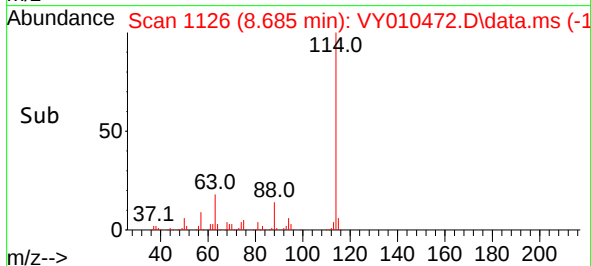
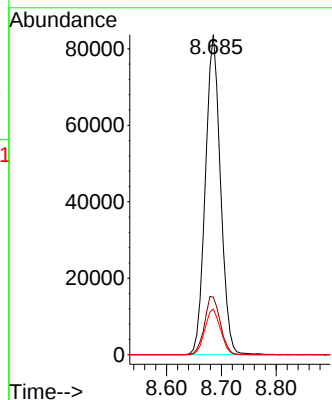
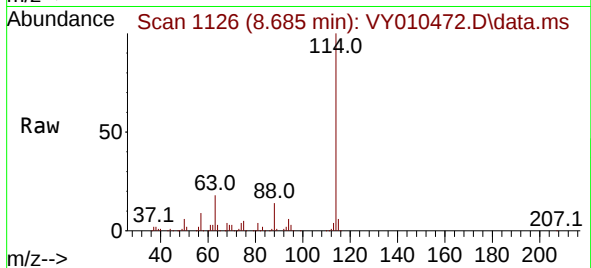
Tgt Ion:114 Resp: 159816

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.979 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010472.D

Acq: 13 Sep 2022 20:27

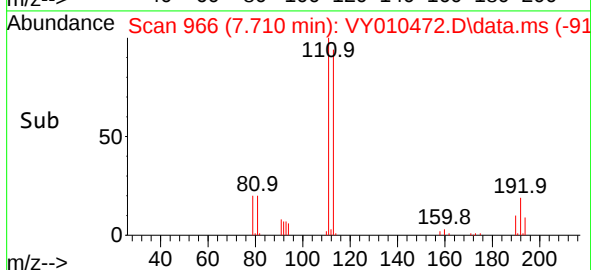
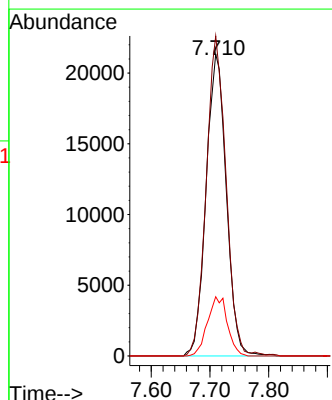
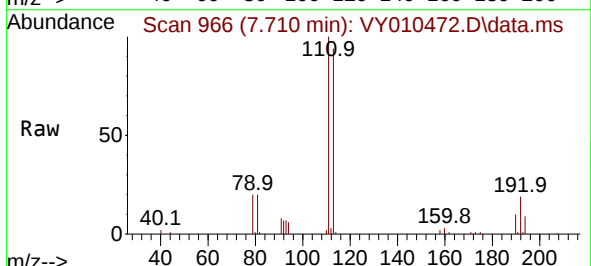
Tgt Ion:113 Resp: 51052

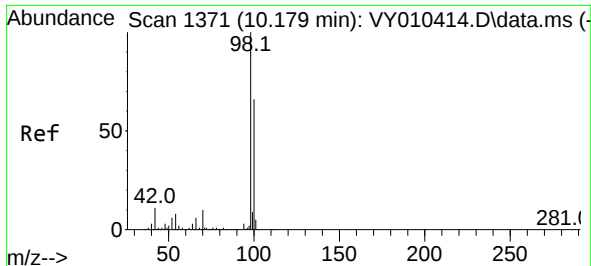
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 19.4 17.6 26.4

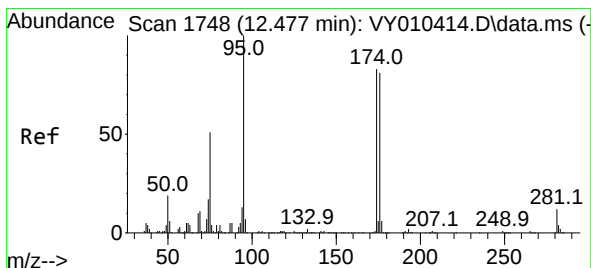
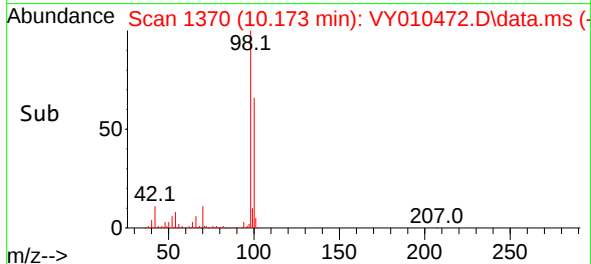
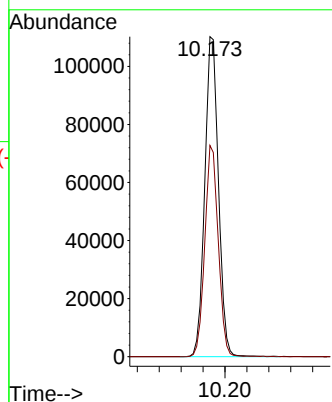
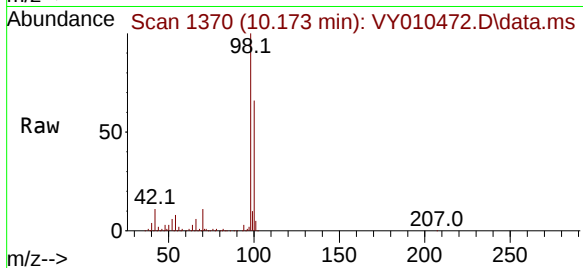




#50
Toluene-d8
Concen: 51.752 ug/l
RT: 10.173 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

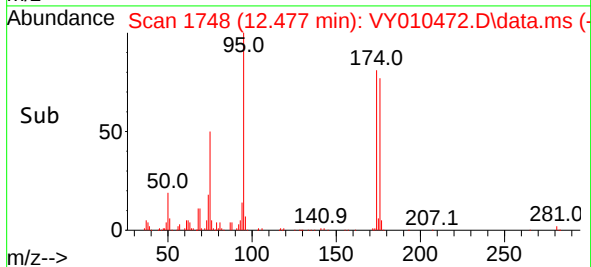
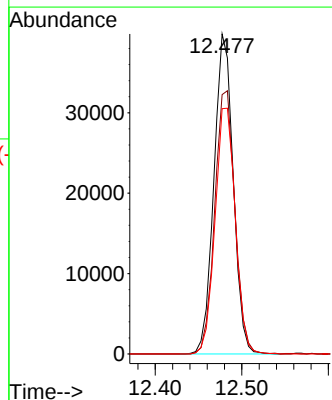
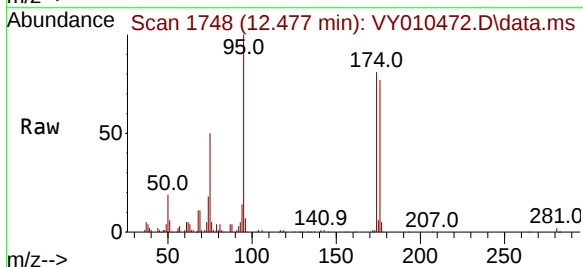
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

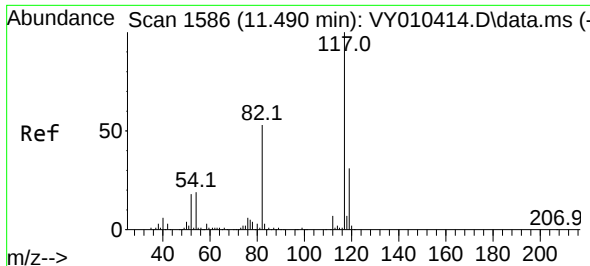
Tgt Ion: 98 Resp: 190373
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.159 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

Tgt Ion: 95 Resp: 61600
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 80.9 0.0 175.8

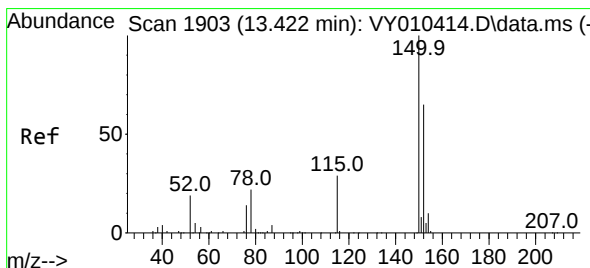
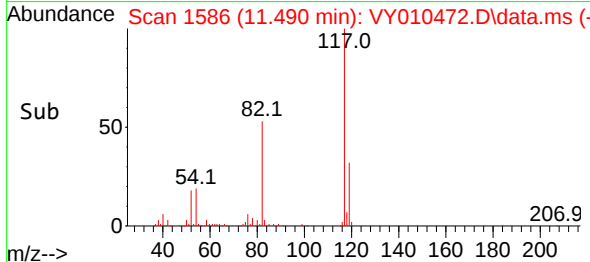
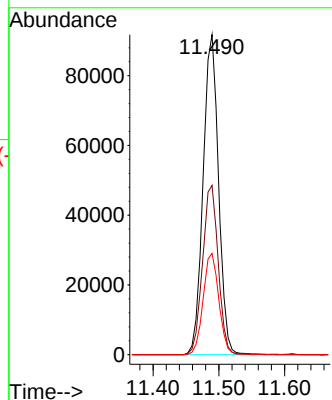
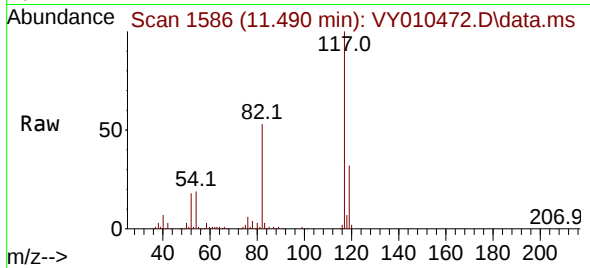




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010472.D
Acq: 13 Sep 2022 20:27

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

Tgt Ion:117 Resp: 149919
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.6 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: VY010472.D
Acq: 13 Sep 2022 20:27

Tgt Ion:152 Resp: 66058
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 157.3 0.0 347.6

