

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010814.D
 Acq On : 05 Oct 2022 13:00
 Operator : KP/MD
 Sample : N4948-04RE
 Misc : 6.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-9RE

Quant Time: Oct 06 09:17:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	277874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	482089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	409884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	186524	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115413	40.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.960%
35) Dibromofluoromethane	7.716	113	129083	40.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.680%
50) Toluene-d8	10.179	98	419228	38.306	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.620%
62) 4-Bromofluorobenzene	12.477	95	153443	34.766	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.540%

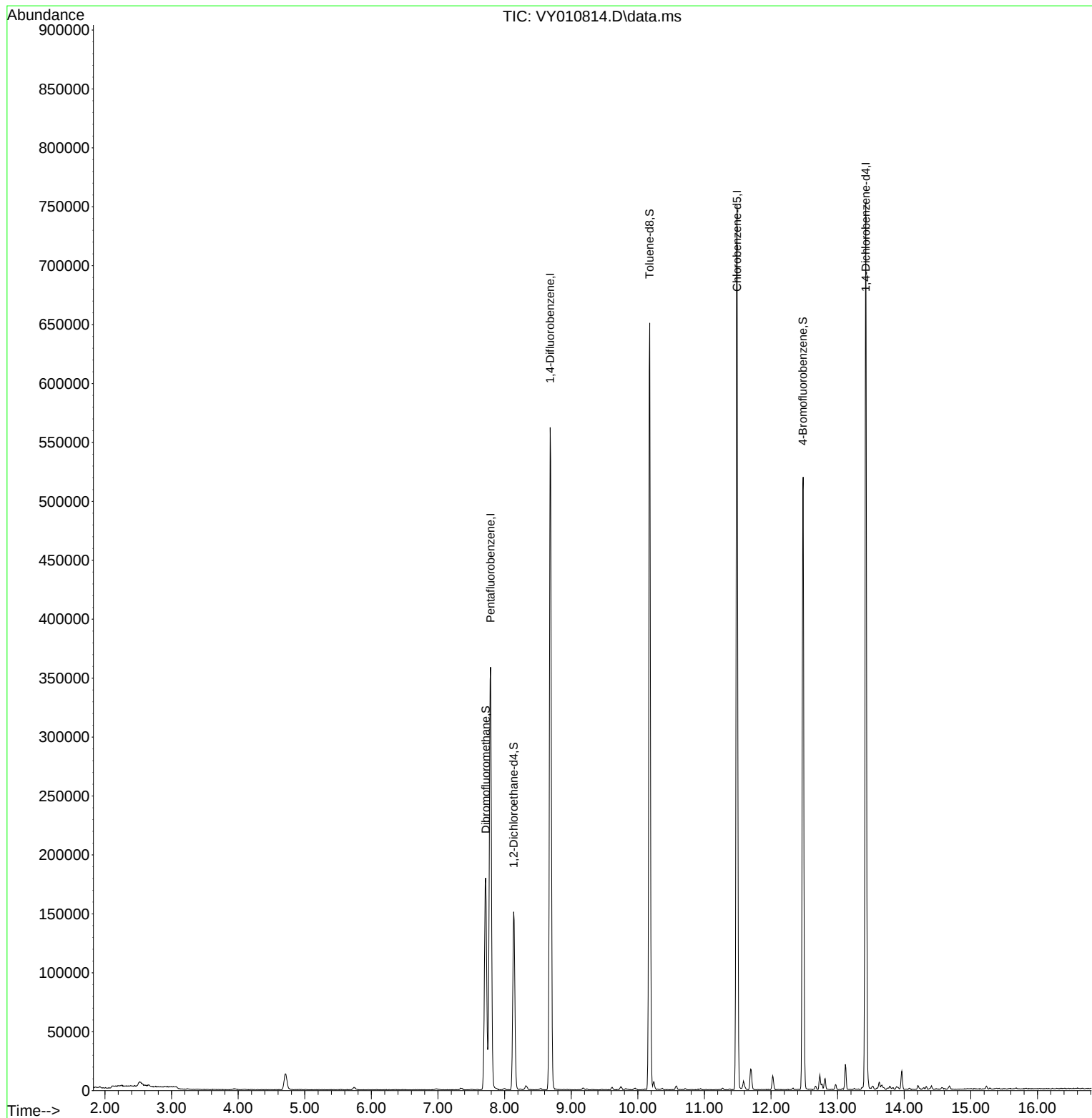
Target Compounds	Qvalue

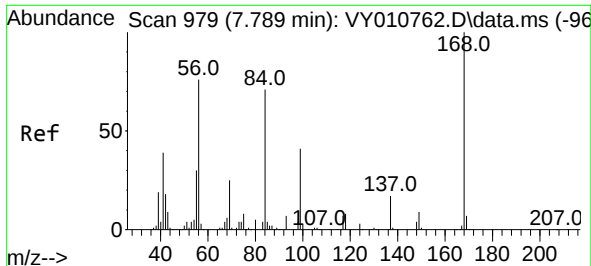
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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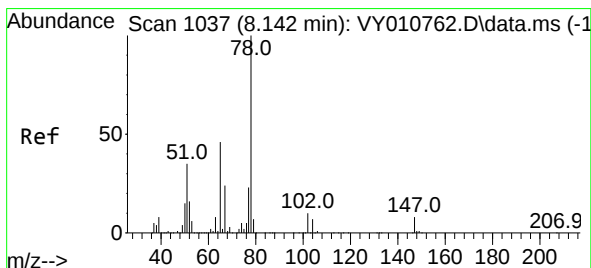
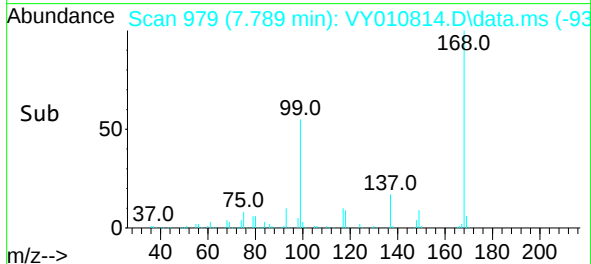
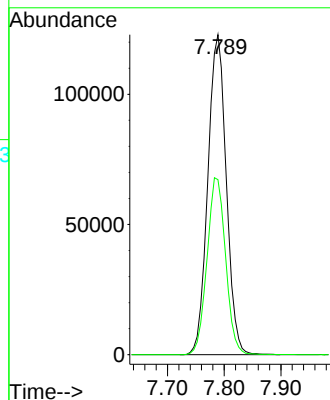
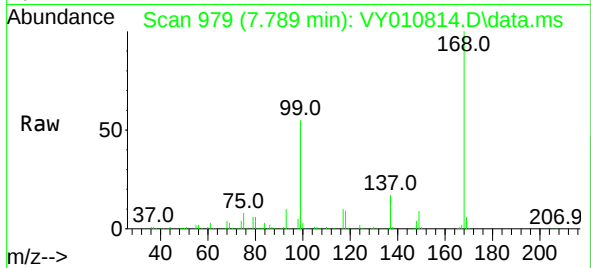




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

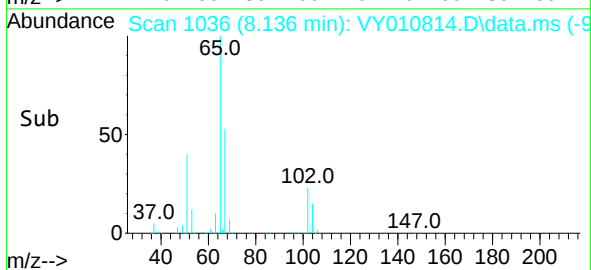
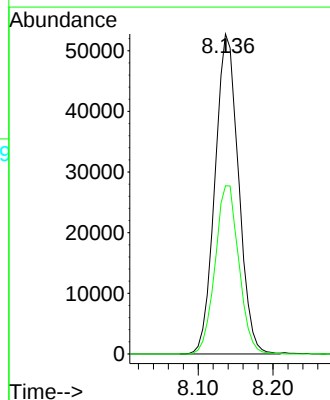
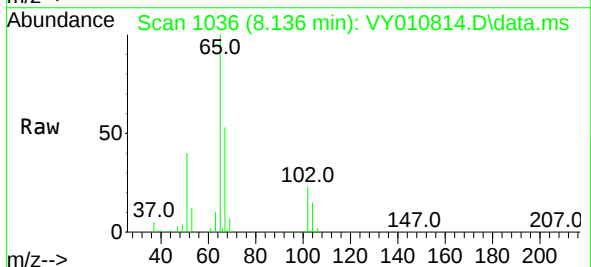
Instrument :
MSVOA_Y
ClientSampleId :
PE-9RE

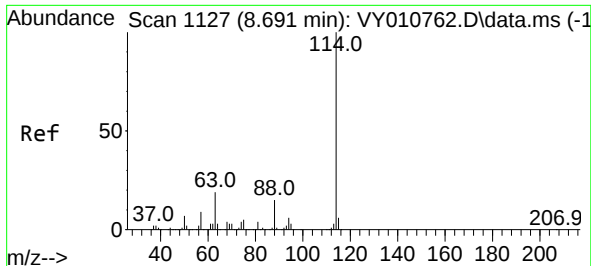
Tgt Ion:168 Resp: 277874
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 40.976 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

Tgt Ion: 65 Resp: 115413
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. -0.006 min

Lab File: VY010814.D

Acq: 05 Oct 2022 13:00

Instrument :

MSVOA_Y

ClientSampleId :

PE-9RE

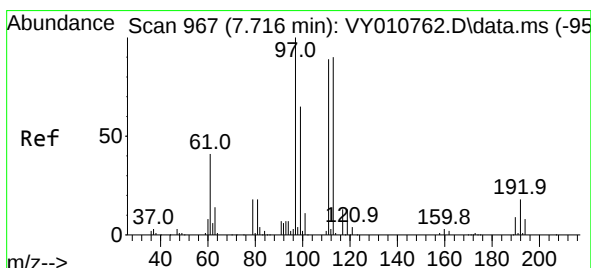
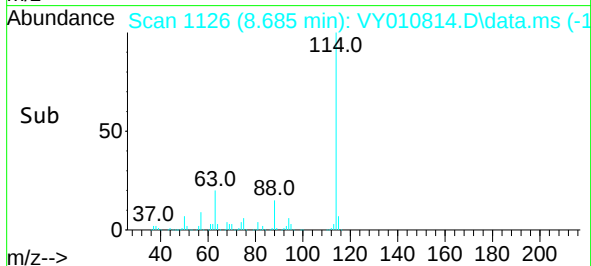
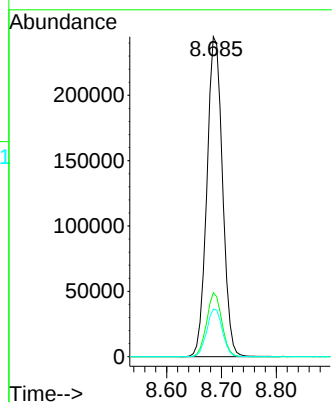
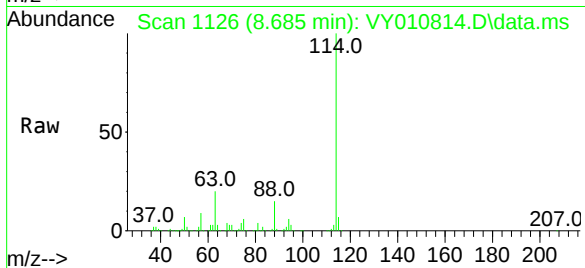
Tgt Ion:114 Resp: 482089

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.337 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010814.D

Acq: 05 Oct 2022 13:00

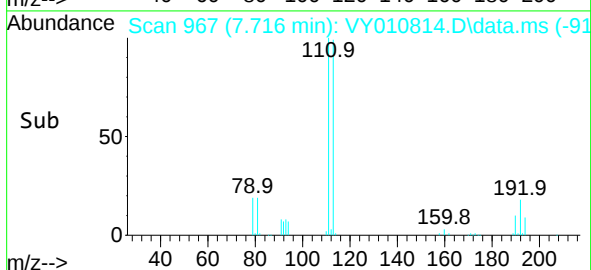
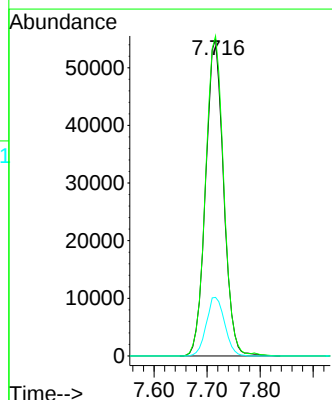
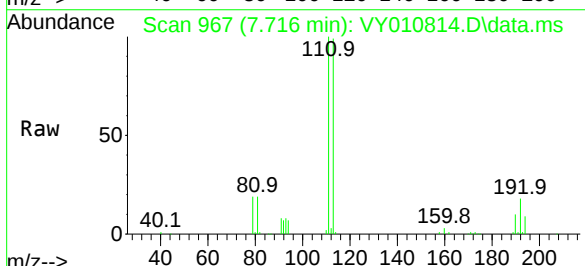
Tgt Ion:113 Resp: 129083

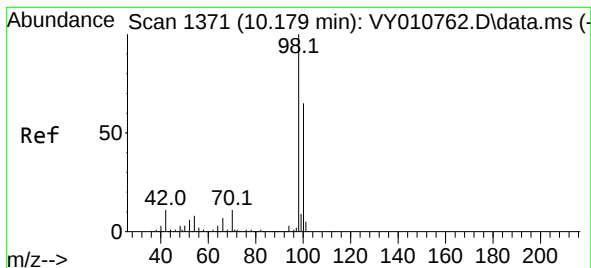
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 18.9 17.6 26.4

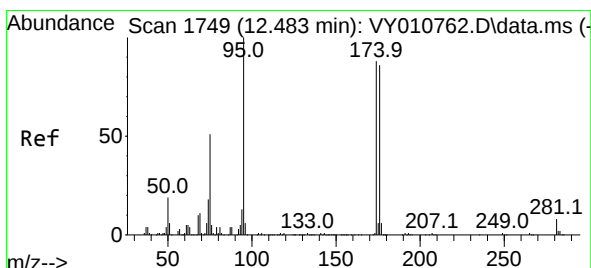
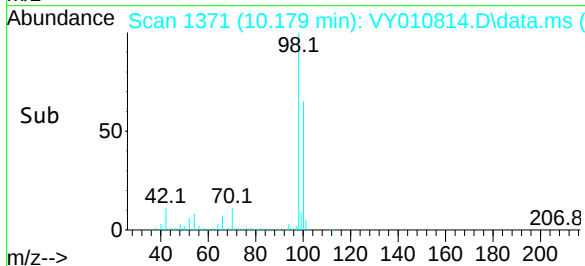
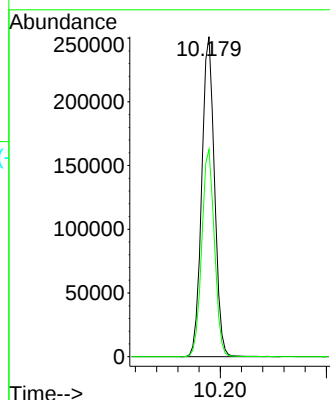
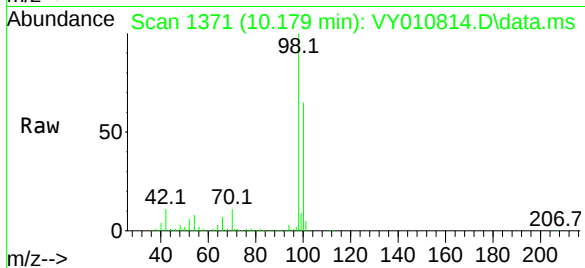




#50
Toluene-d8
Concen: 38.306 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

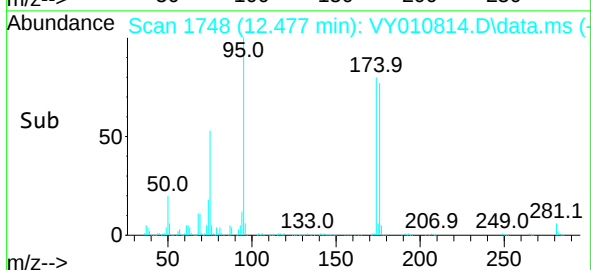
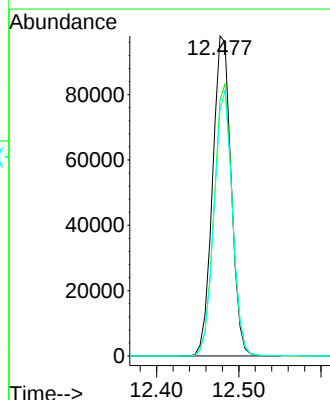
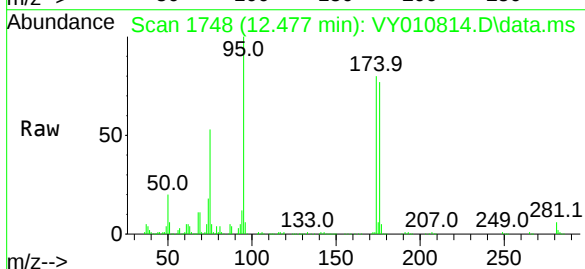
Instrument :
MSVOA_Y
ClientSampleId :
PE-9RE

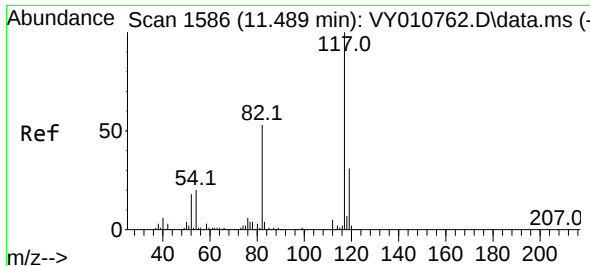
Tgt Ion: 98 Resp: 419228
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.766 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

Tgt Ion: 95 Resp: 153443
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 81.5 0.0 175.8

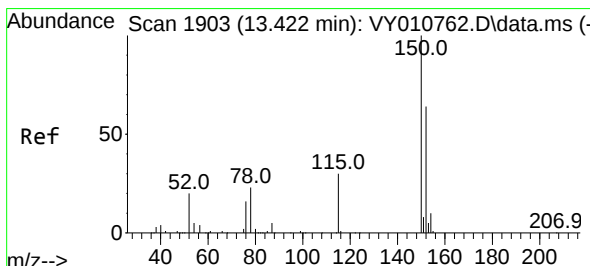
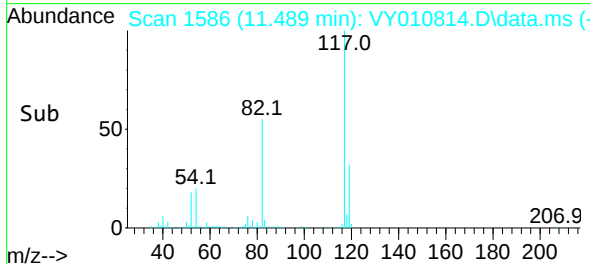
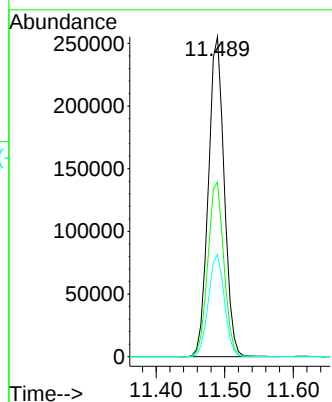
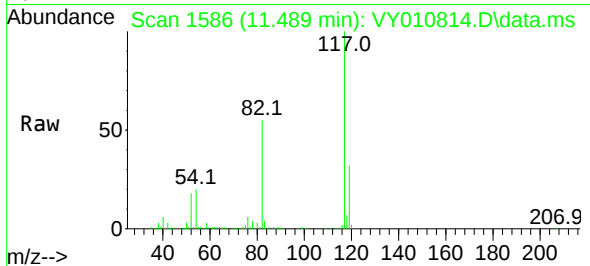




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010814.D
Acq: 05 Oct 2022 13:00

Instrument :
MSVOA_Y
ClientSampleId :
PE-9RE

Tgt Ion:117 Resp: 409884
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 31.9 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: VY010814.D
Acq: 05 Oct 2022 13:00

Tgt Ion:152 Resp: 186524
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 156.6 0.0 347.6

