

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010578.D
 Acq On : 20 Sep 2022 16:23
 Operator : KP/MD
 Sample : N4695-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INCINERATOR-ASH

Quant Time: Sep 21 01:21:10 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	7.783	168	182731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	313086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	293285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133610	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97061	55.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.060%
35) Dibromofluoromethane	7.710	113	95605	47.848	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.700%
50) Toluene-d8	10.179	98	371914	50.341	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.477	95	124048	44.992	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.980%

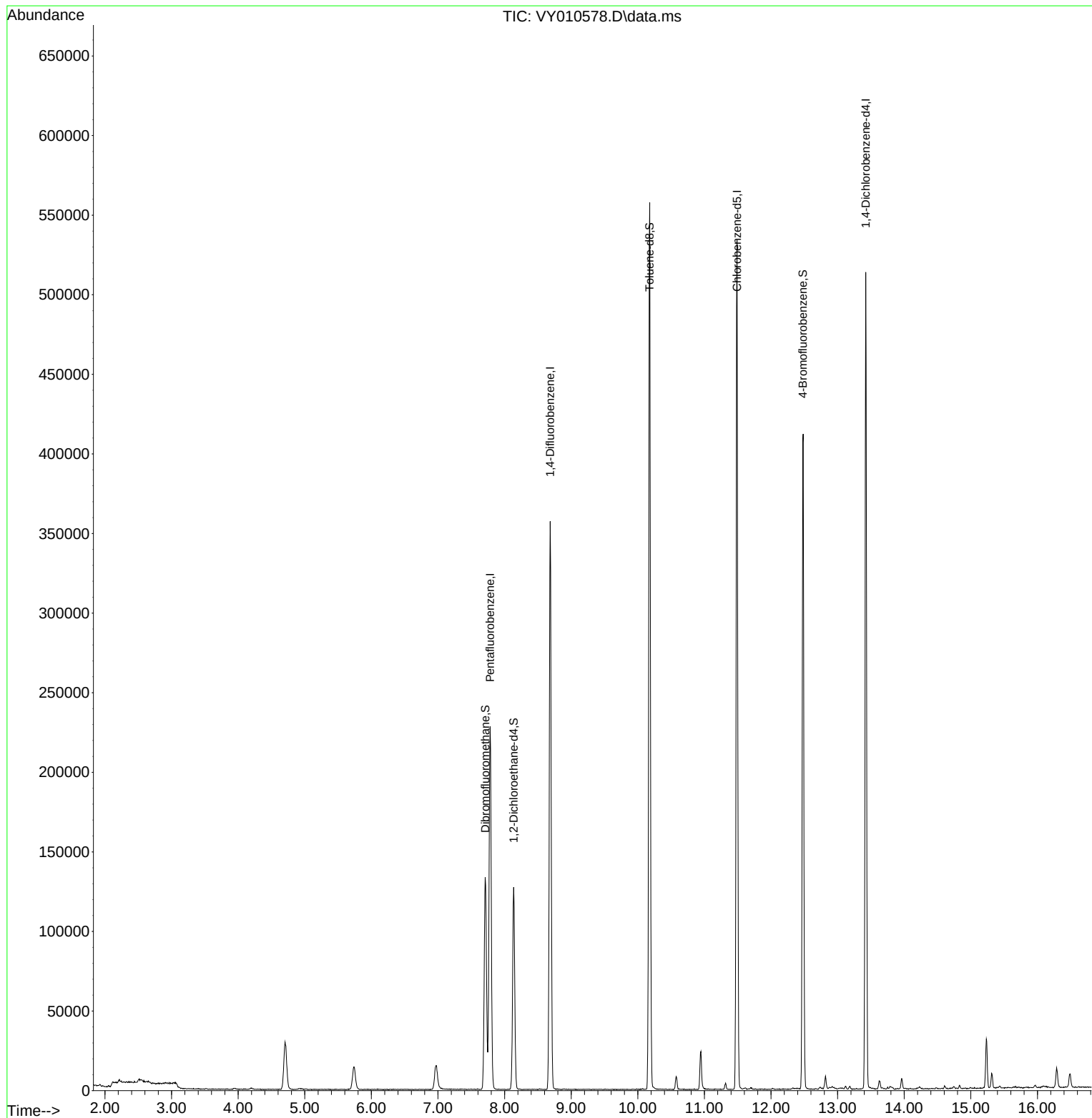
Target Compounds	Qvalue

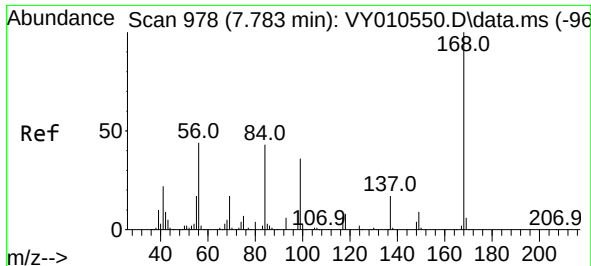
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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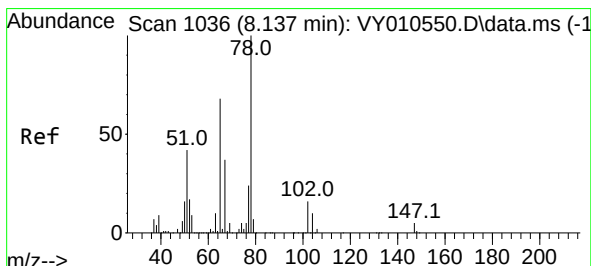
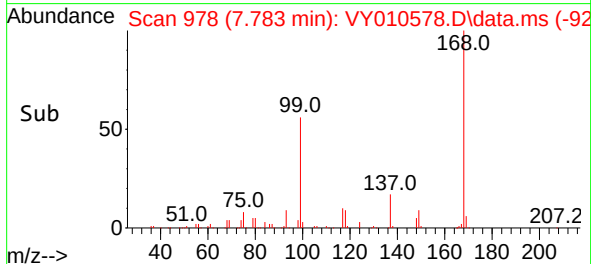
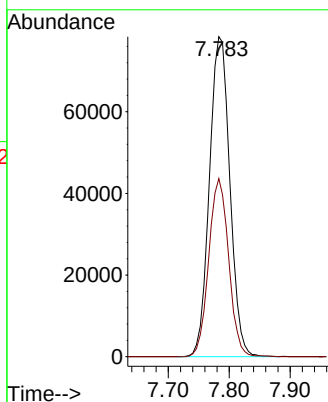
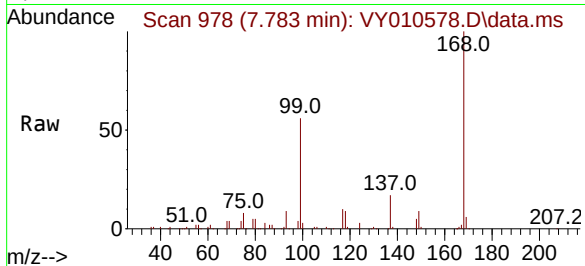




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010578.D
Acq: 20 Sep 2022 16:23

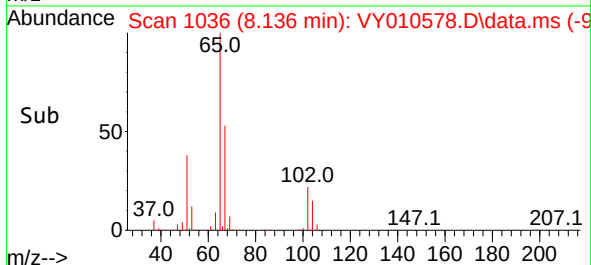
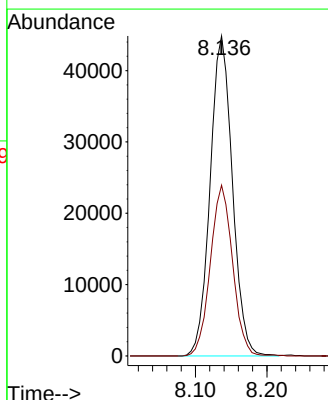
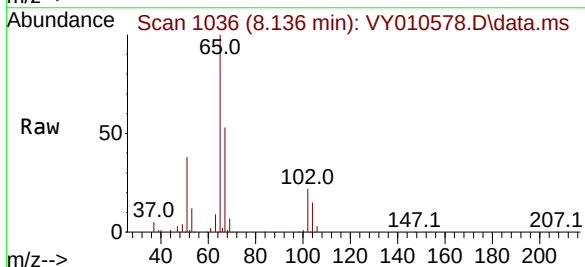
Instrument :
MSVOA_Y
ClientSampleId :
INCINERATOR-ASH

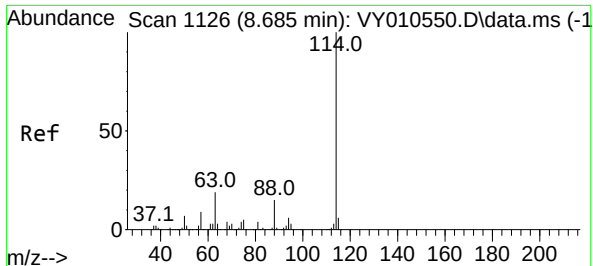
Tgt Ion:168 Resp: 182731
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.534 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010578.D
Acq: 20 Sep 2022 16:23

Tgt Ion: 65 Resp: 97061
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4

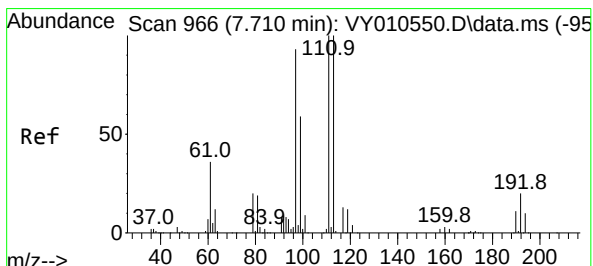
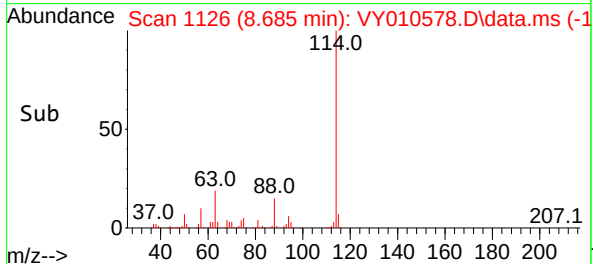
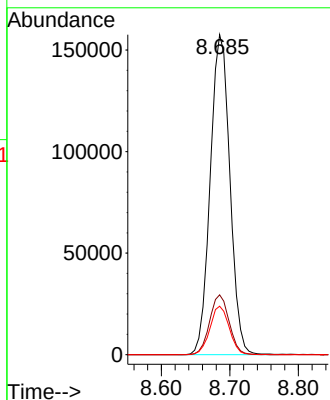
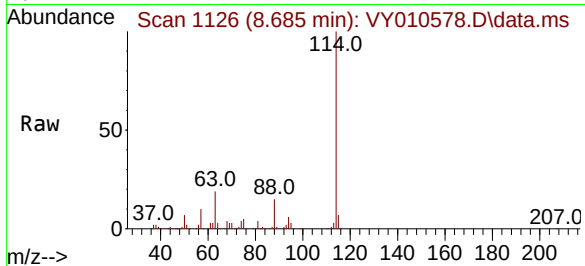




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010578.D
Acq: 20 Sep 2022 16:23

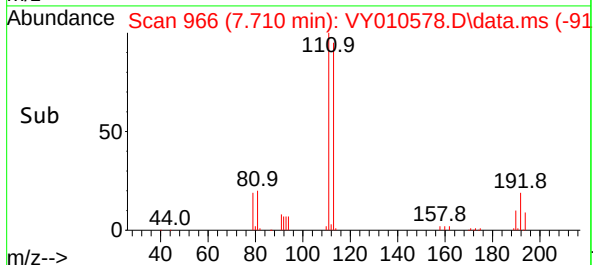
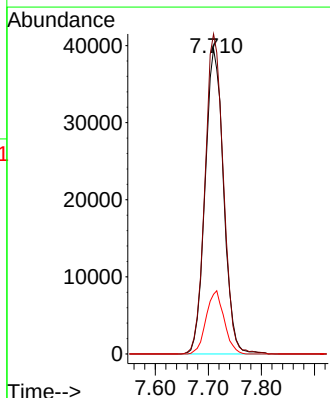
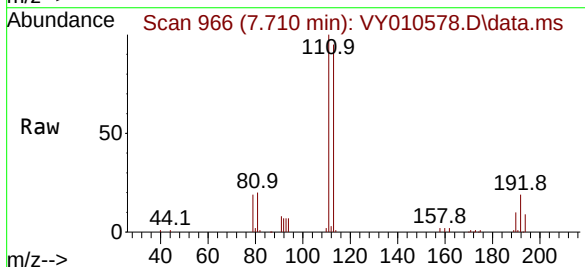
Instrument :
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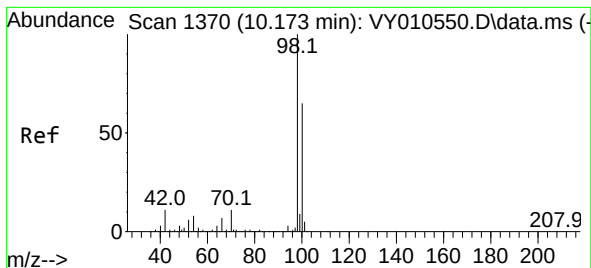
Tgt Ion:114 Resp: 313086
Ion Ratio Lower Upper
114 100
63 18.7 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.848 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010578.D
Acq: 20 Sep 2022 16:23

Tgt Ion:113 Resp: 95605
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 20.2 17.6 26.4





#50

Toluene-d8

Concen: 50.341 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010578.D

Acq: 20 Sep 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

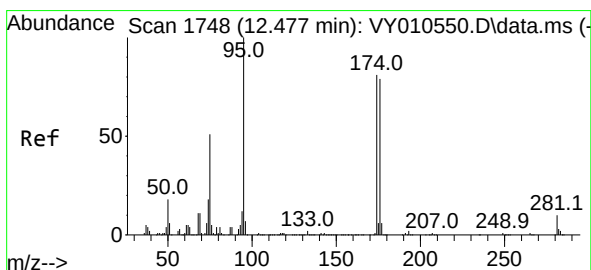
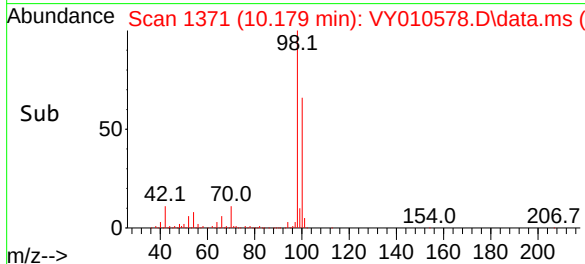
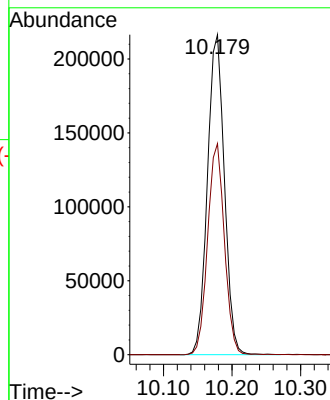
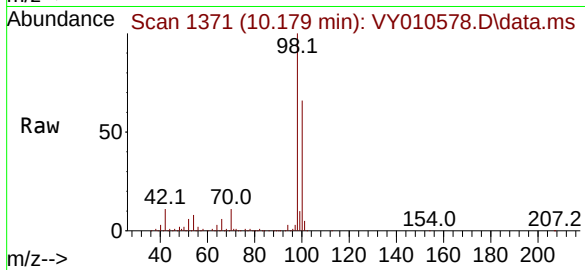
INCINERATOR-ASH

Tgt Ion: 98 Resp: 371914

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 44.992 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY010578.D

Acq: 20 Sep 2022 16:23

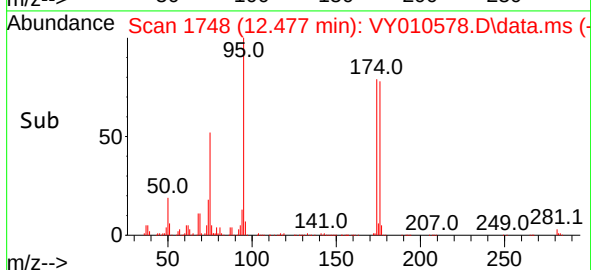
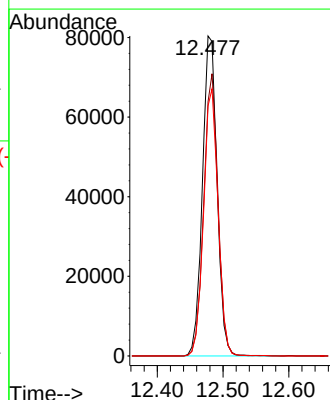
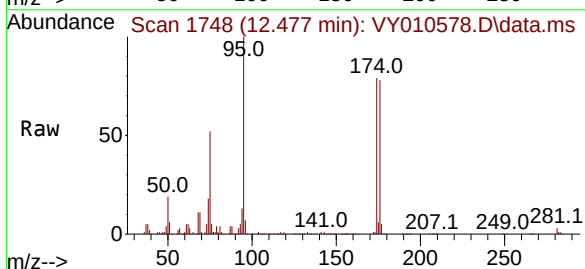
Tgt Ion: 95 Resp: 124048

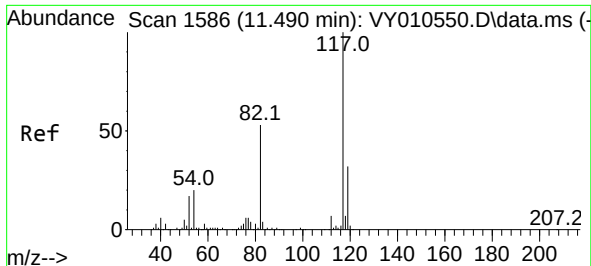
Ion Ratio Lower Upper

95 100

174 86.5 0.0 177.0

176 82.9 0.0 175.8

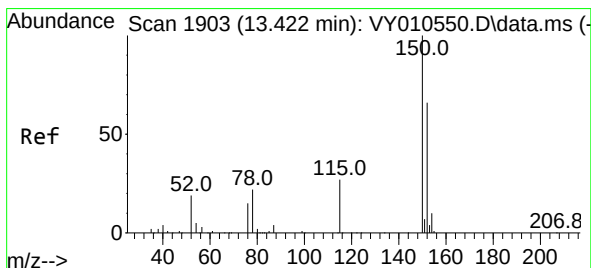
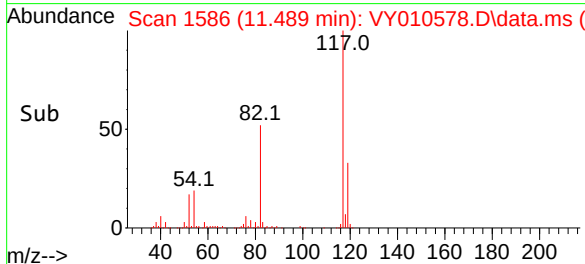
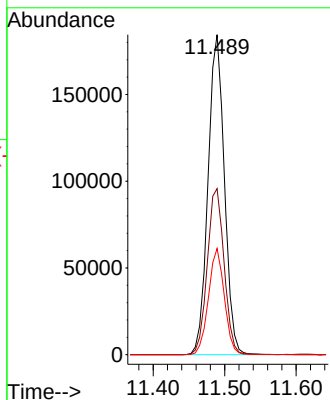
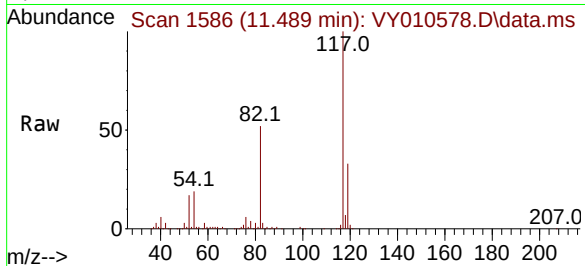




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010578.D
Acq: 20 Sep 2022 16:23

Instrument :
MSVOA_Y
ClientSampleId :
INCINERATOR-ASH

Tgt Ion:117 Resp: 293285
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 33.2 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: VY010578.D
Acq: 20 Sep 2022 16:23

Tgt Ion:152 Resp: 133610
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 155.5 0.0 347.6

