

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
 Data File : VY010692.D
 Acq On : 27 Sep 2022 12:59
 Operator : KP/MD
 Sample : N4781-01
 Misc : 6.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22018-(10-10.5)

Quant Time: Sep 28 01:25:03 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	220300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	377027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	349295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	174259	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110269	52.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.660%
35) Dibromofluoromethane	7.716	113	114495	47.584	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.160%
50) Toluene-d8	10.179	98	389934	44.233	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.460%
62) 4-Bromofluorobenzene	12.477	95	138610	41.542	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.080%

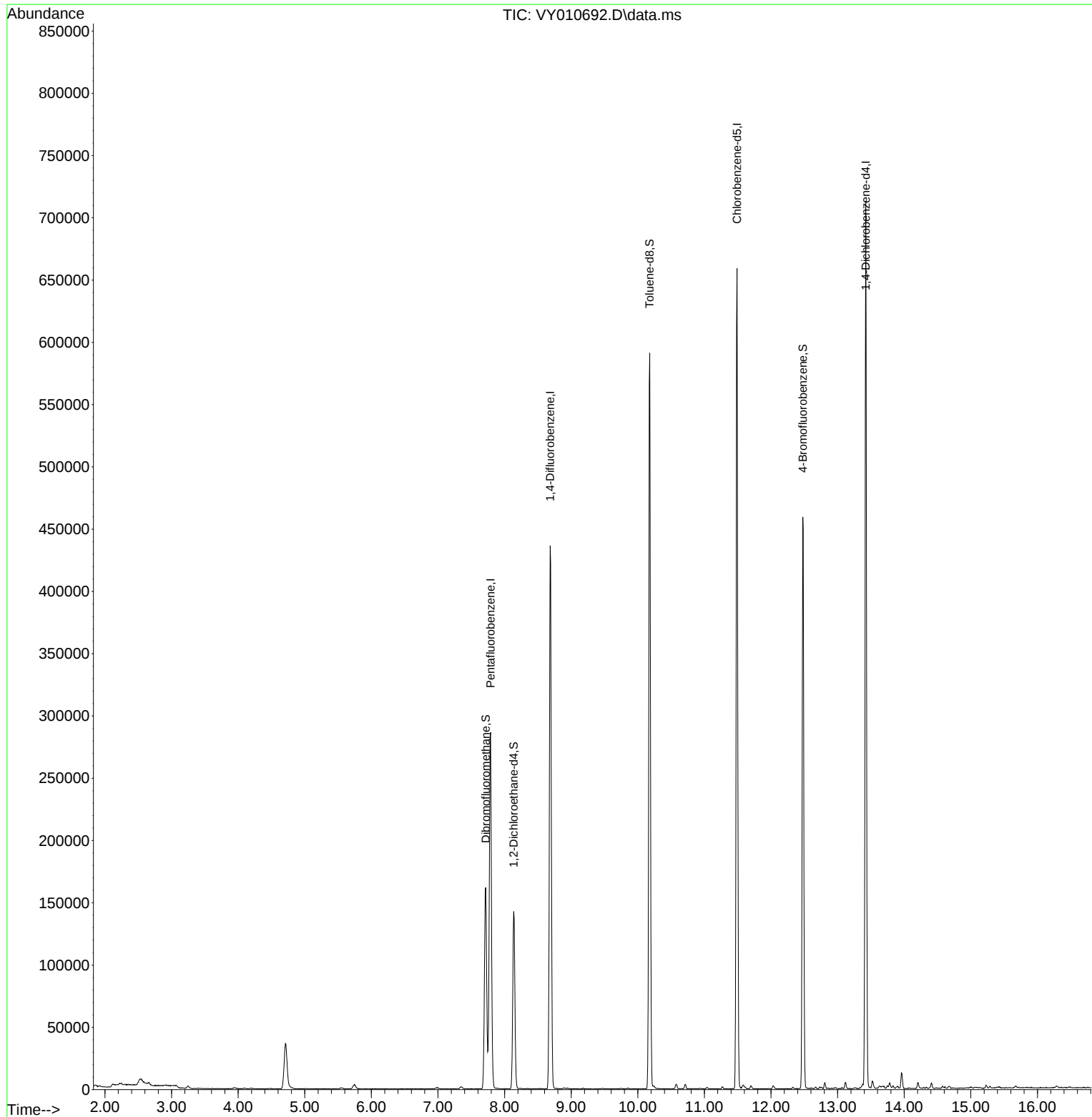
Target Compounds	Qvalue

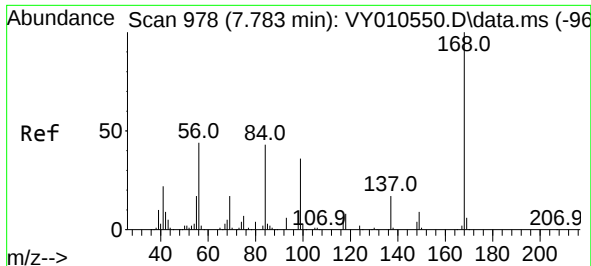
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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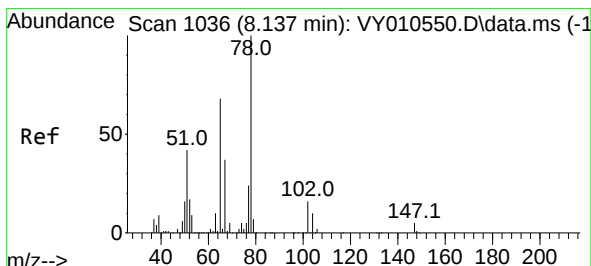
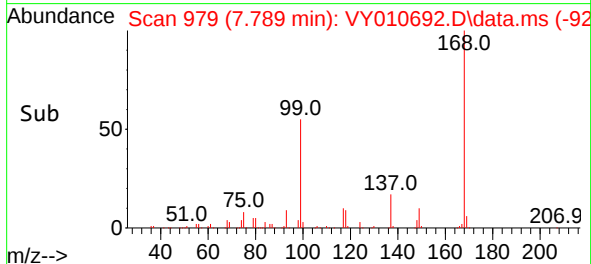
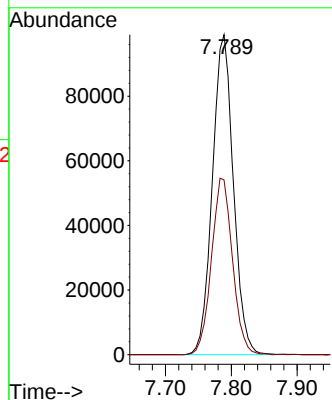
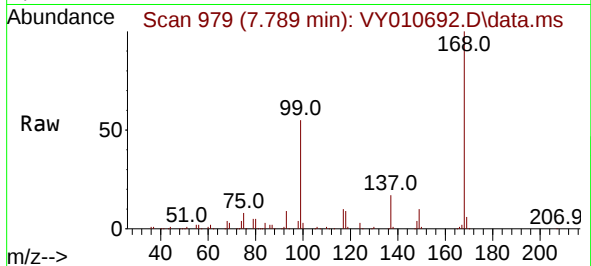




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

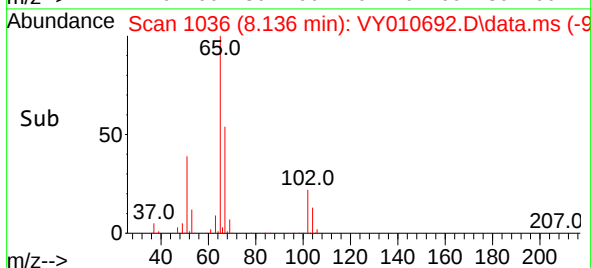
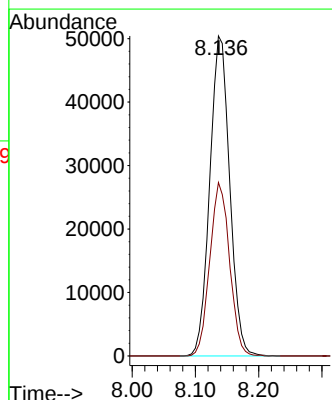
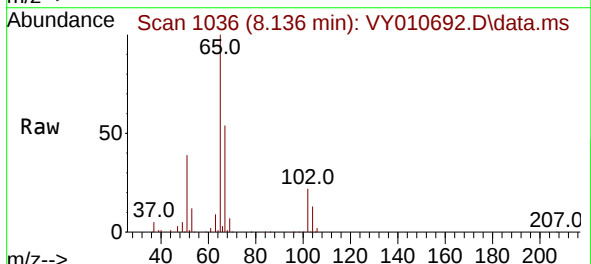
Instrument :
MSVOA_Y
ClientSampleId :
D22018-(10-10.5)

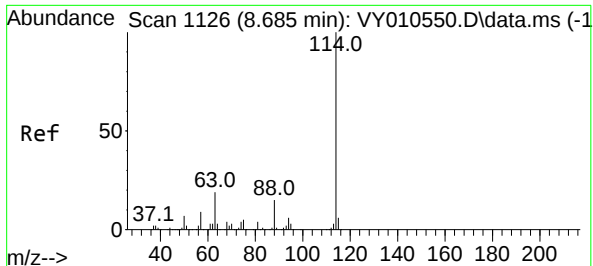
Tgt Ion:168 Resp: 220300
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.332 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

Tgt Ion: 65 Resp: 110269
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4

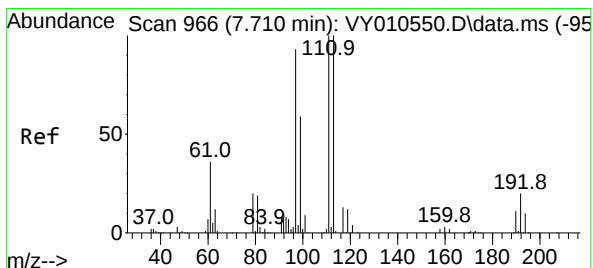
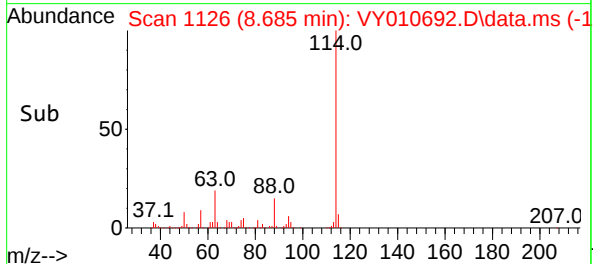
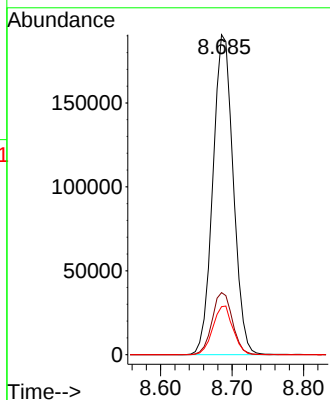
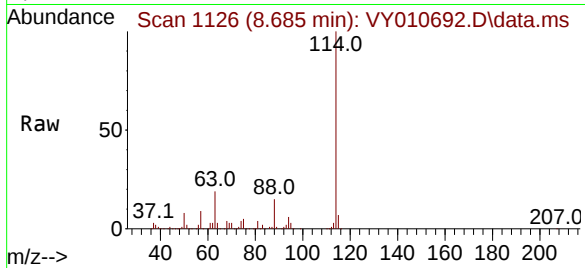




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010692.D
 Acq: 27 Sep 2022 12:59

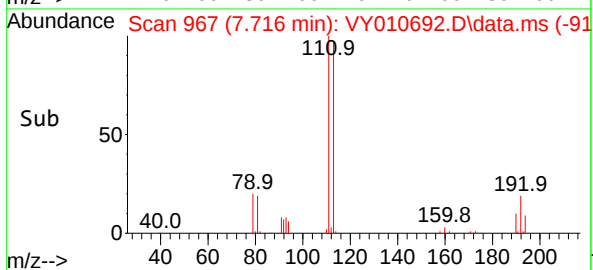
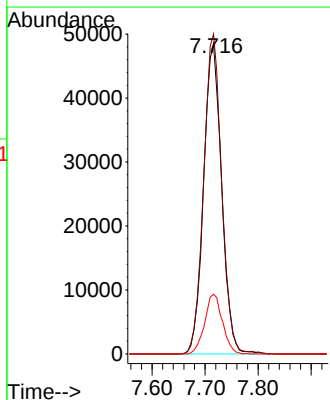
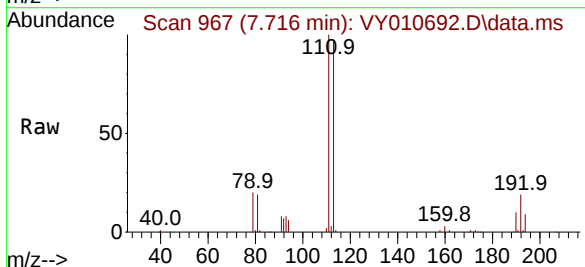
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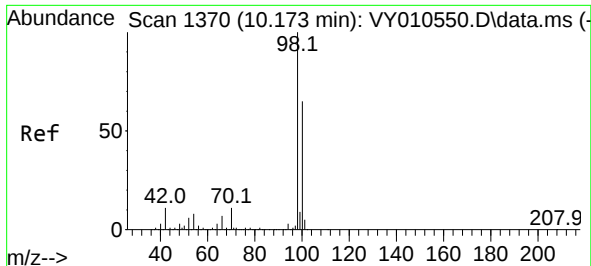
Tgt Ion:114 Resp: 377027
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 43.2
 88 15.0 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 47.584 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. 0.006 min
 Lab File: VY010692.D
 Acq: 27 Sep 2022 12:59

Tgt Ion:113 Resp: 114495
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.6 124.0
 192 19.0 17.6 26.4

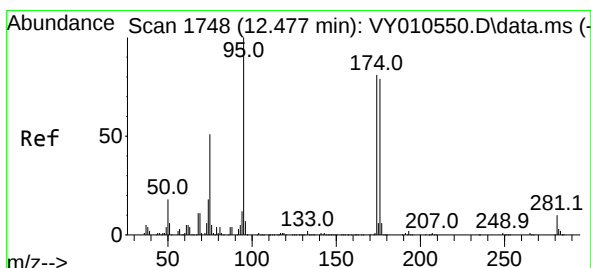
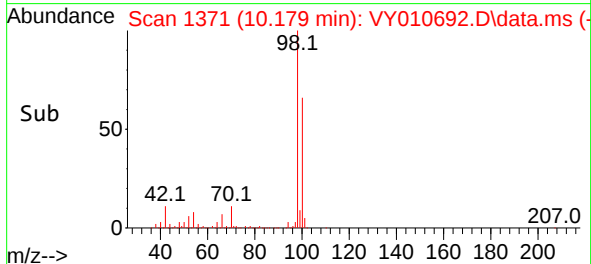
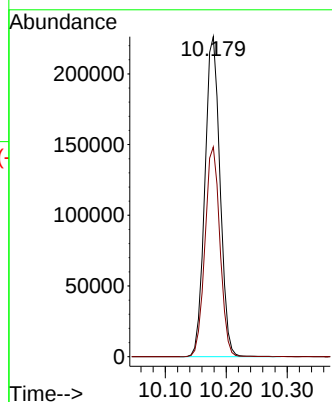
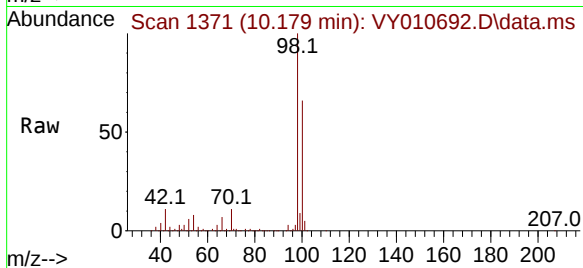




#50
Toluene-d8
Concen: 44.233 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

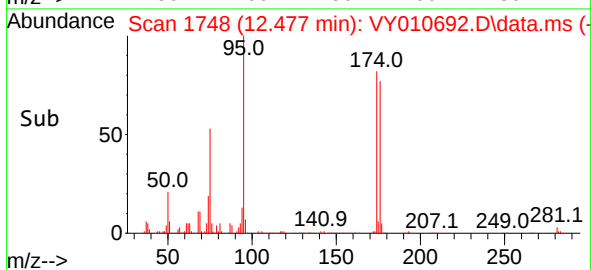
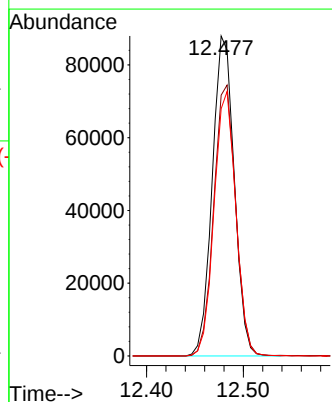
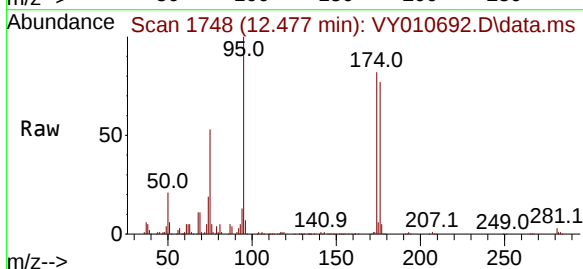
Instrument :
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ClientSampleId :
D22018-(10-10.5)

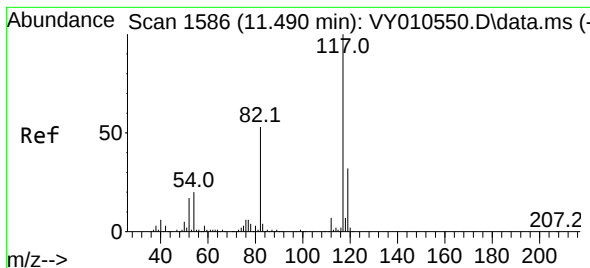
Tgt Ion: 98 Resp: 389934
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.542 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

Tgt Ion: 95 Resp: 138610
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 81.8 0.0 175.8

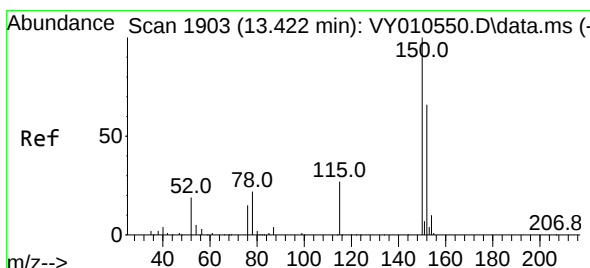
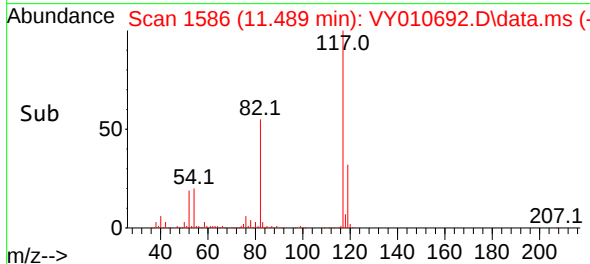
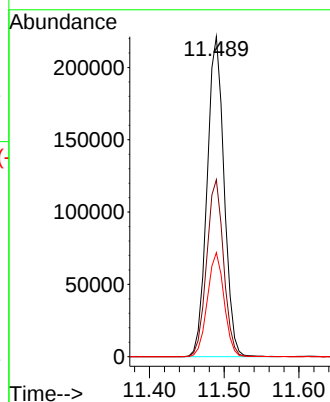
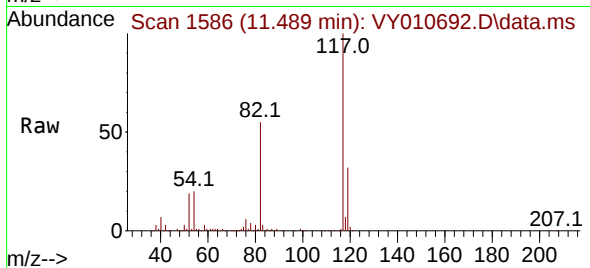




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010692.D
Acq: 27 Sep 2022 12:59

Instrument :
MSVOA_Y
ClientSampleId :
D22018-(10-10.5)

Tgt Ion:117 Resp: 349295
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.5 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: VY010692.D
Acq: 27 Sep 2022 12:59

Tgt Ion:152 Resp: 174259
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 158.0 0.0 347.6

