

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010178.D
 Acq On : 23 Aug 2022 20:18
 Operator : KP/MD
 Sample : N4188-10RE
 Misc : 10.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S15RE

Quant Time: Aug 24 04:35:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	95606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	179409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89234	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63422	80.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	161.980%
35) Dibromofluoromethane	7.709	113	55478	54.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.760%
50) Toluene-d8	10.179	98	188185	49.678	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.477	95	62642	46.283	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.560%

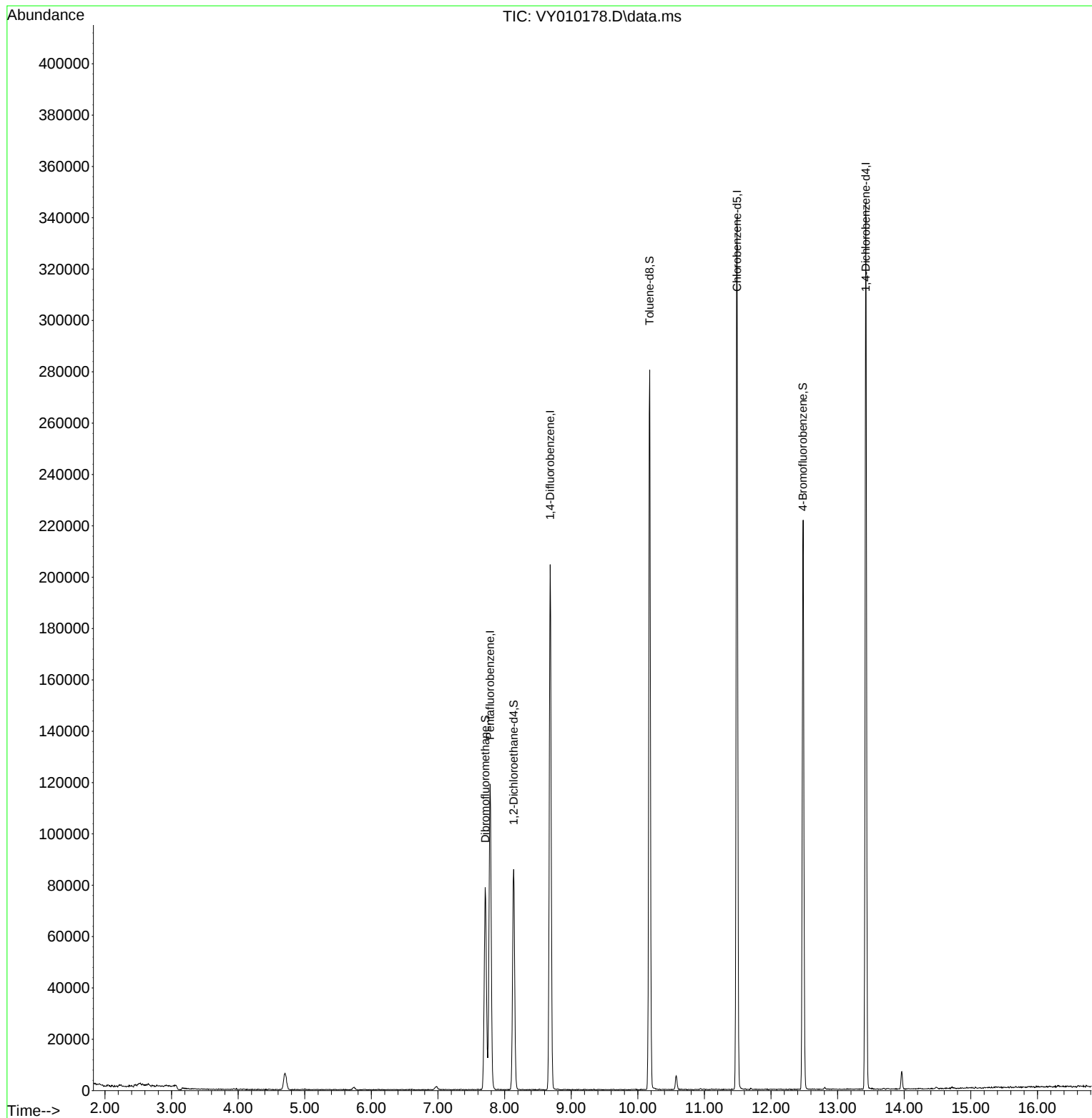
Target Compounds	Qvalue

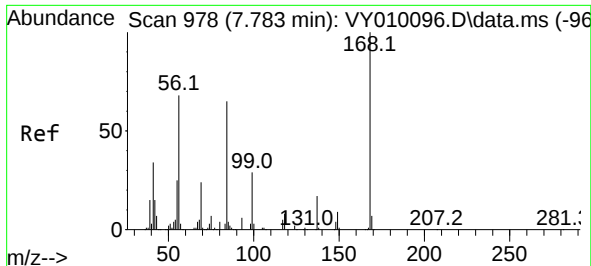
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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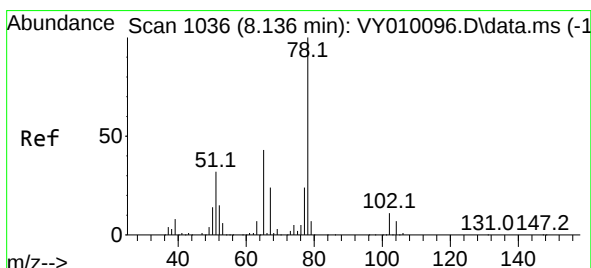
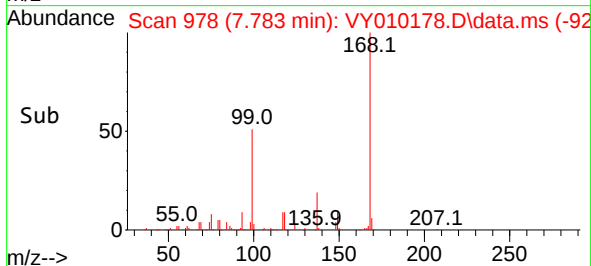
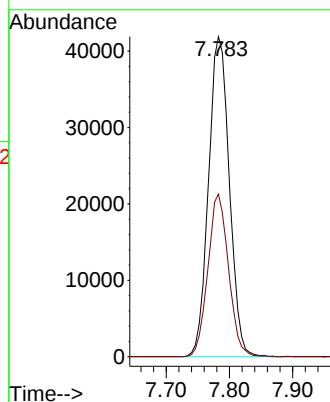
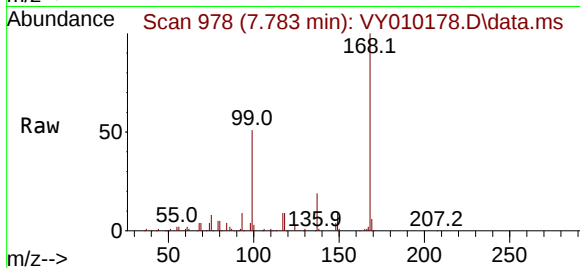




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

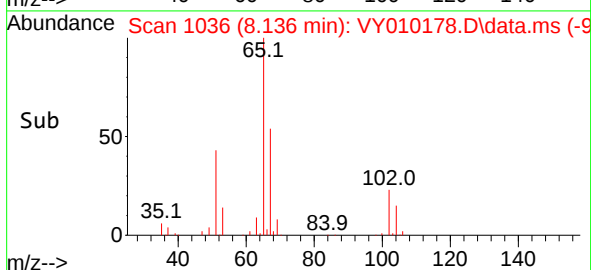
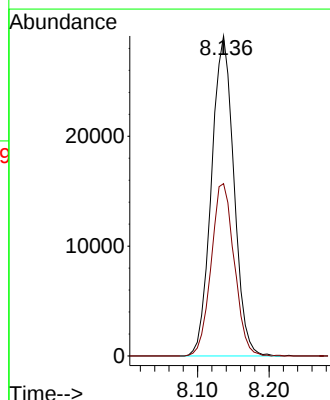
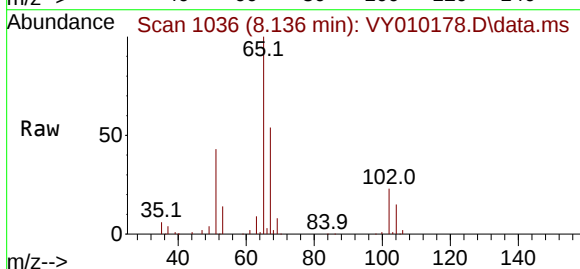
Instrument :
MSVOA_Y
ClientSampleId :
S15RE

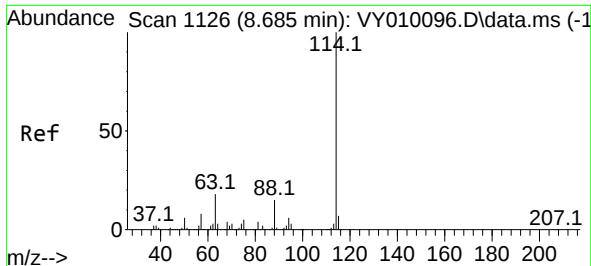
Tgt Ion:168 Resp: 95606
Ion Ratio Lower Upper
168 100
99 50.8 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 80.988 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 65 Resp: 63422
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.6

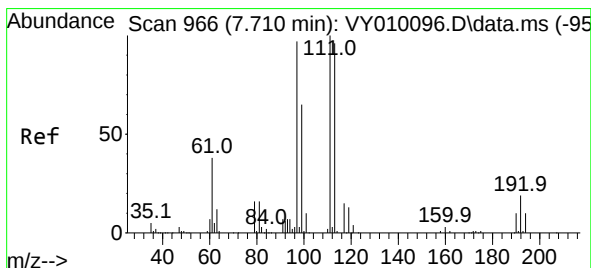
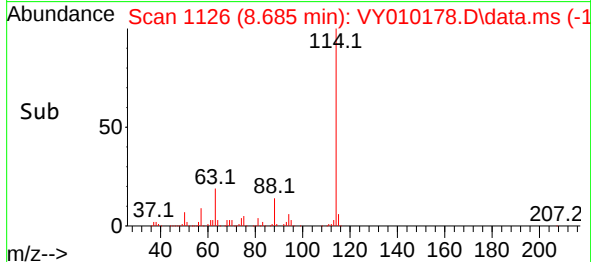
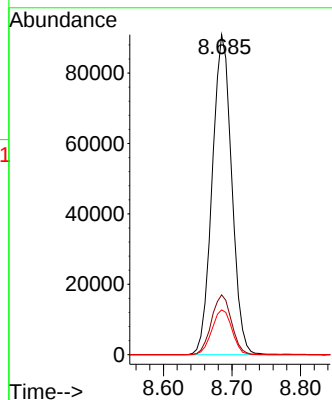
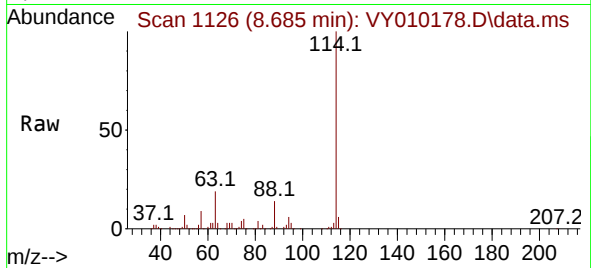




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

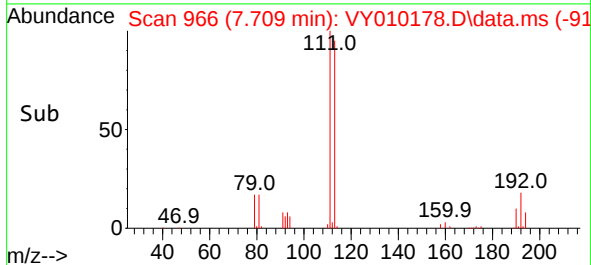
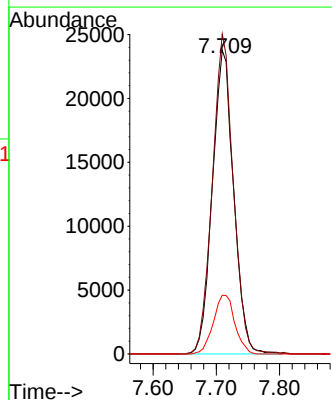
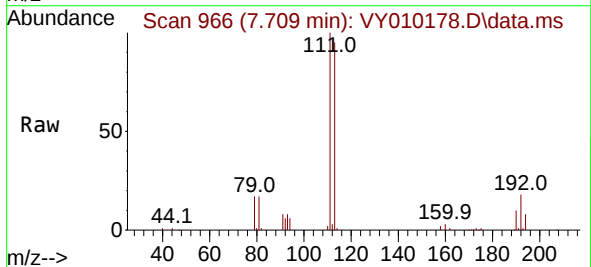
Instrument :
MSVOA_Y
ClientSampleId :
S15RE

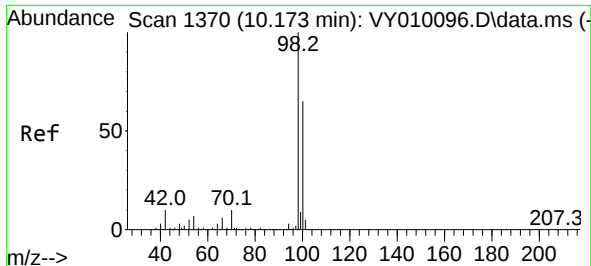
Tgt Ion:114 Resp: 179409
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.6
88 14.0 0.0 29.6



#35
Dibromofluoromethane
Concen: 54.878 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

Tgt Ion:113 Resp: 55478
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 19.5 16.3 24.5

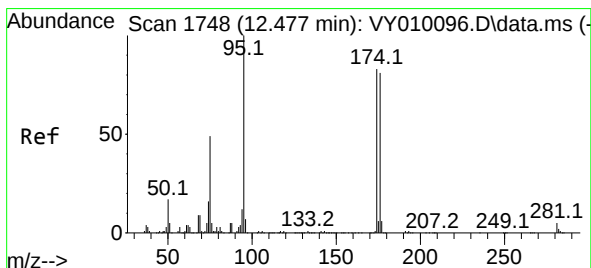
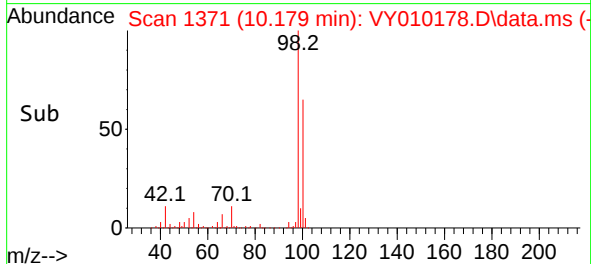
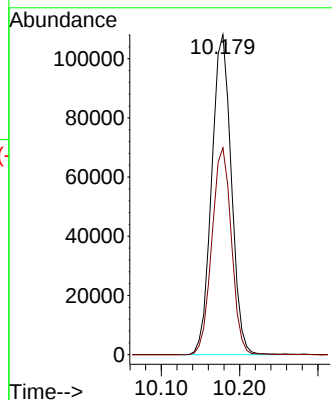
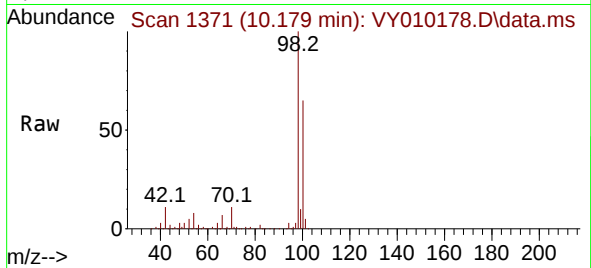




#50
Toluene-d8
Concen: 49.678 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

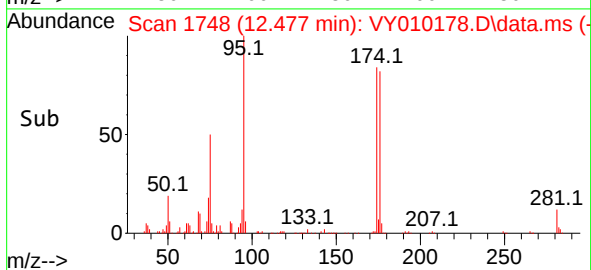
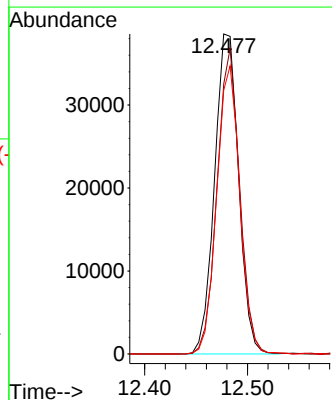
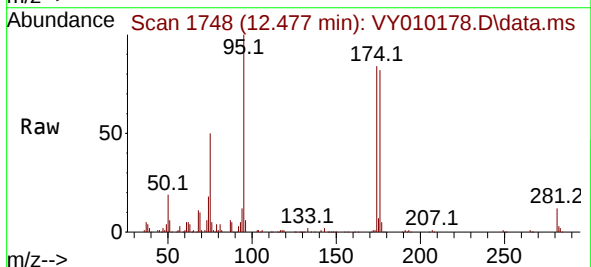
Instrument :
MSVOA_Y
ClientSampleId :
S15RE

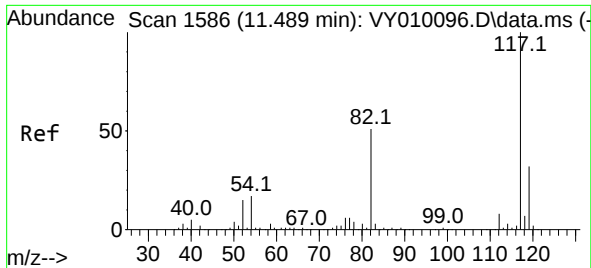
Tgt Ion: 98 Resp: 188185
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.283 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

Tgt Ion: 95 Resp: 62642
Ion Ratio Lower Upper
95 100
174 89.6 0.0 173.8
176 86.3 0.0 167.2

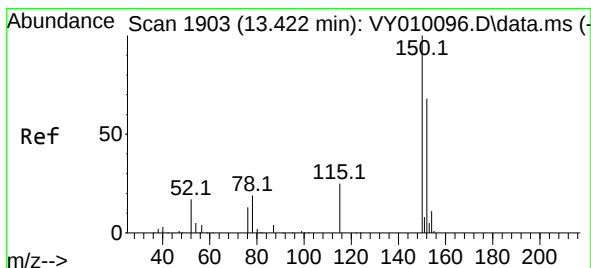
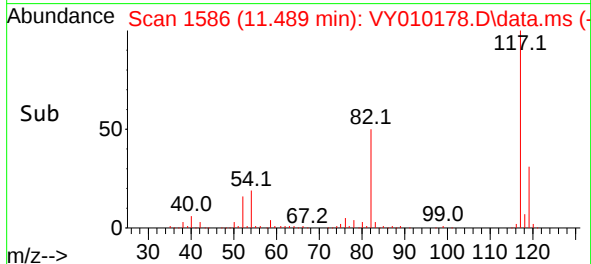
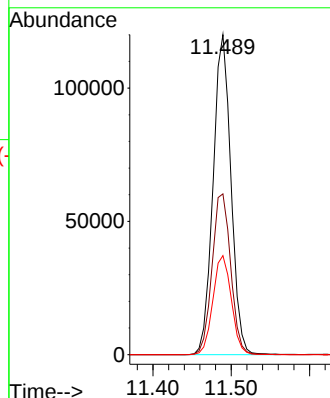
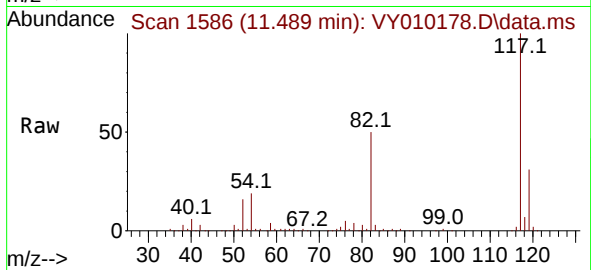




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

Instrument :
MSVOA_Y
ClientSampleId :
S15RE

Tgt Ion:117 Resp: 190186
Ion Ratio Lower Upper
117 100
82 50.3 40.6 61.0
119 30.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010178.D
Acq: 23 Aug 2022 20:18

Tgt Ion:152 Resp: 89234
Ion Ratio Lower Upper
152 100
115 55.6 28.1 84.2
150 157.9 0.0 346.2

