

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010177.D
 Acq On : 23 Aug 2022 19:55
 Operator : KP/MD
 Sample : N4292-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-082222

Quant Time: Aug 24 04:35:05 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	163073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	305978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	307385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141599	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94202	70.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.060%
35) Dibromofluoromethane	7.710	113	84870	49.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.440%
50) Toluene-d8	10.179	98	313089	48.462	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.483	95	100213	43.415	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.820%

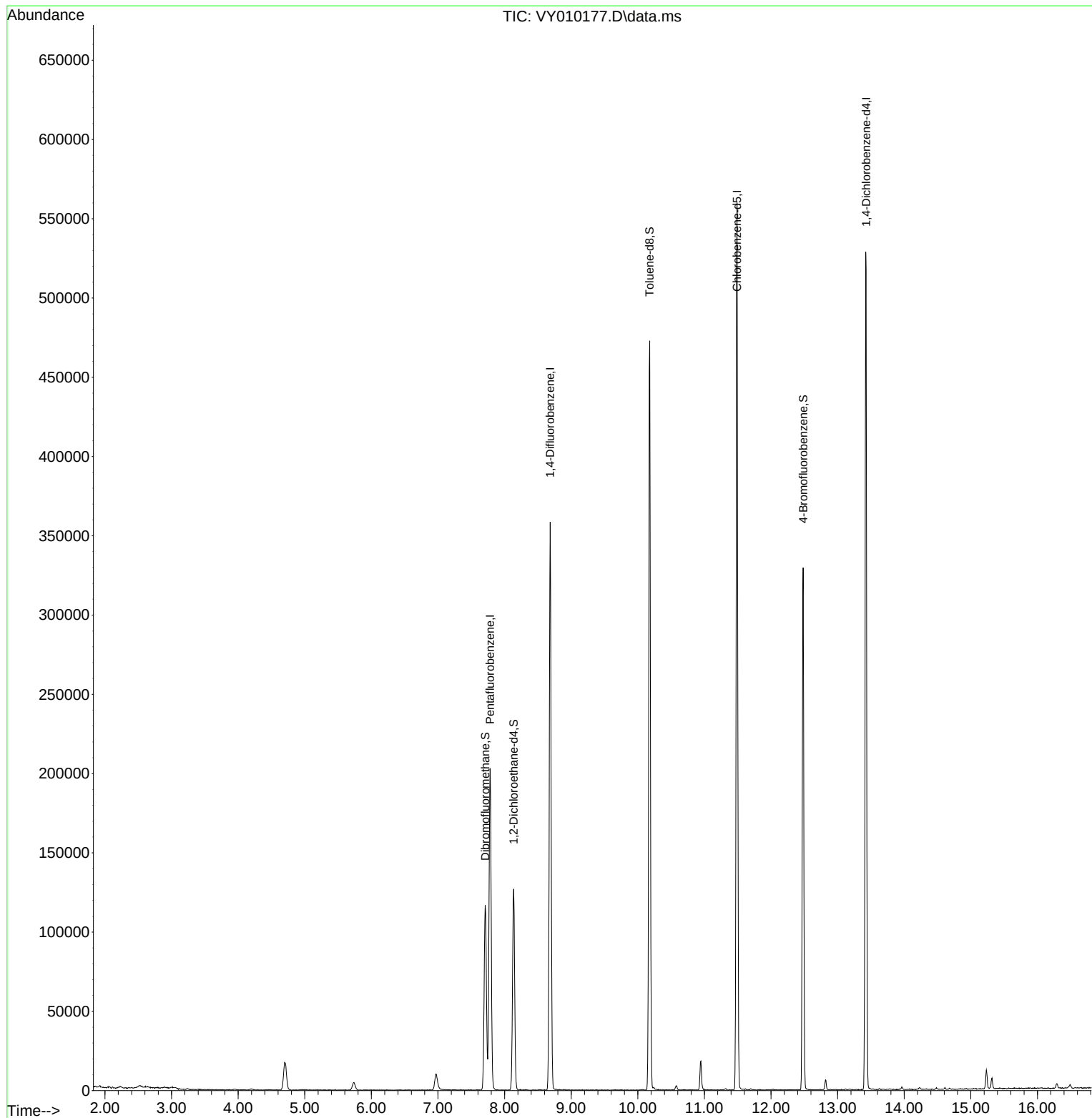
Target Compounds	Qvalue

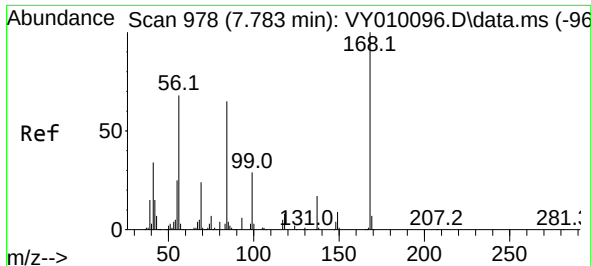
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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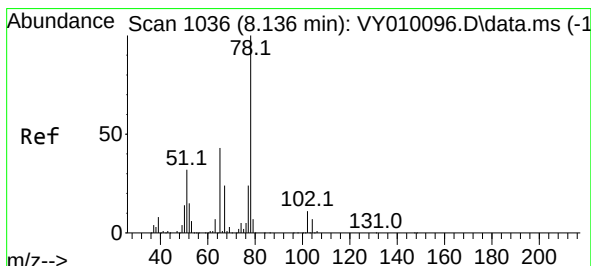
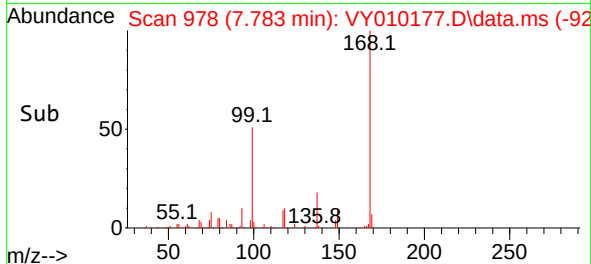
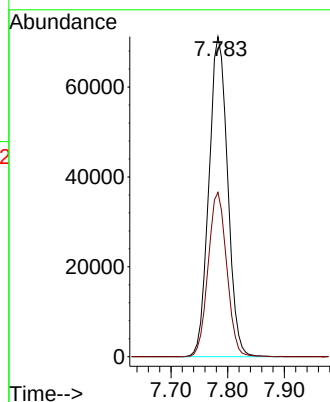
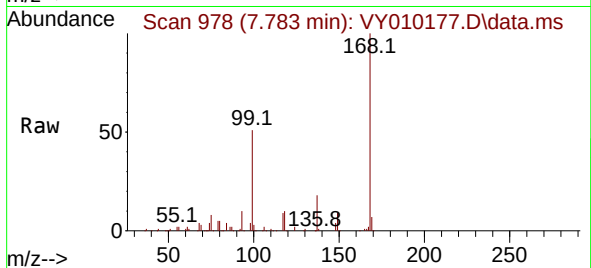




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

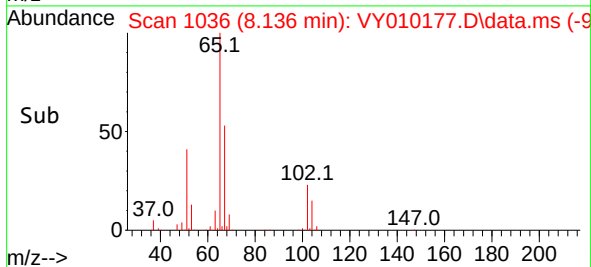
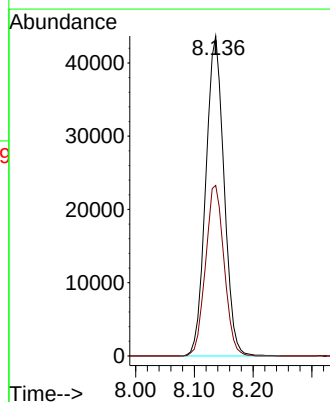
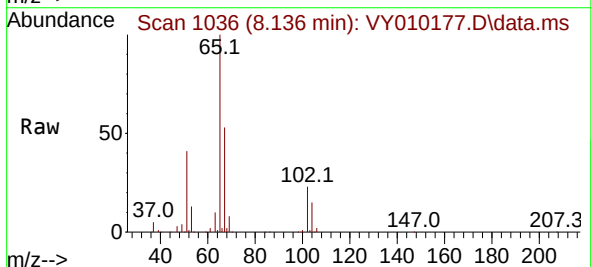
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-082222

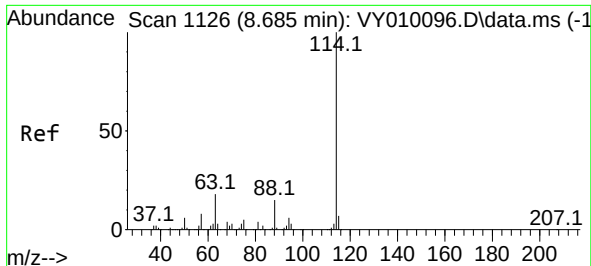
Tgt Ion:168 Resp: 163073
Ion Ratio Lower Upper
168 100
99 51.4 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 70.525 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

Tgt Ion: 65 Resp: 94202
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.6

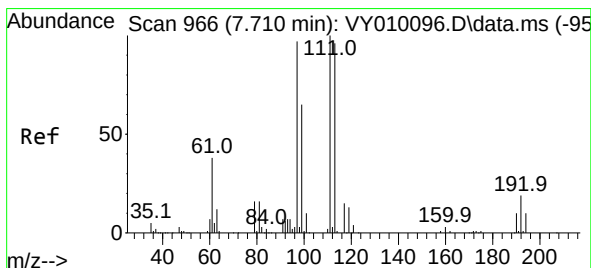
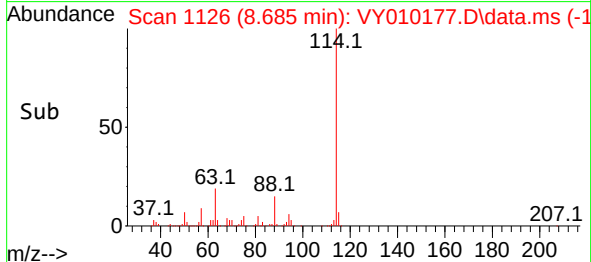
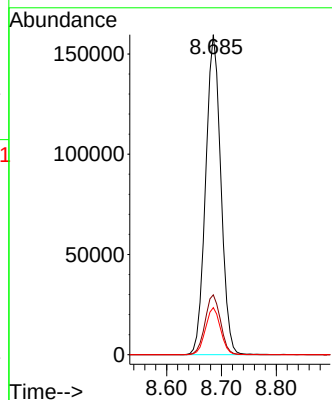
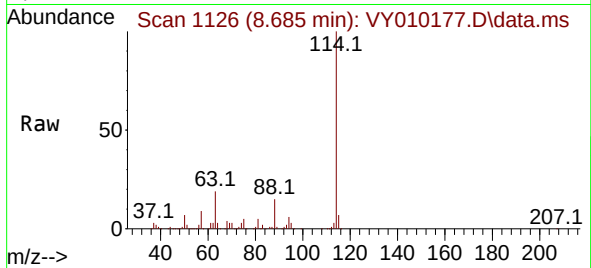




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

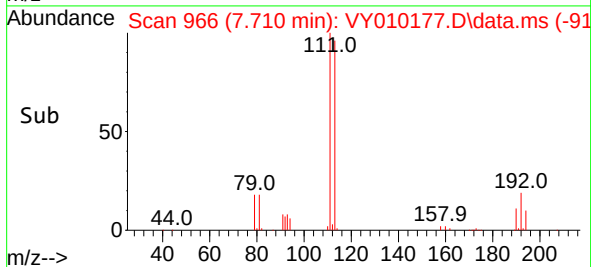
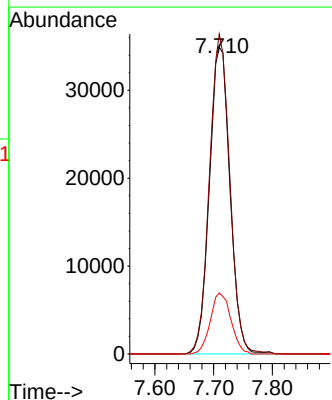
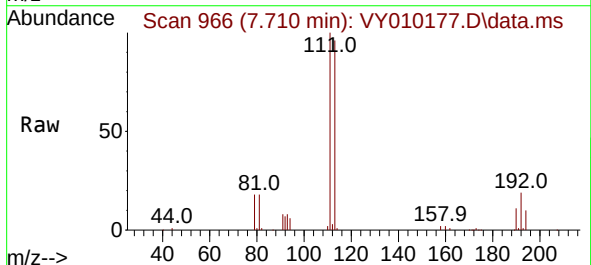
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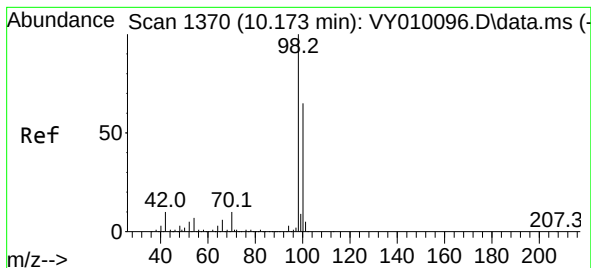
Tgt Ion:114 Resp: 305978
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.6
88 14.7 0.0 29.6



#35
Dibromofluoromethane
Concen: 49.225 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

Tgt Ion:113 Resp: 84870
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 20.0 16.3 24.5

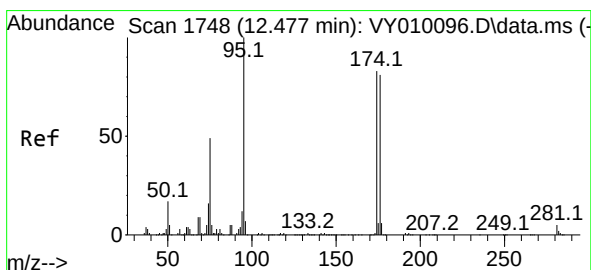
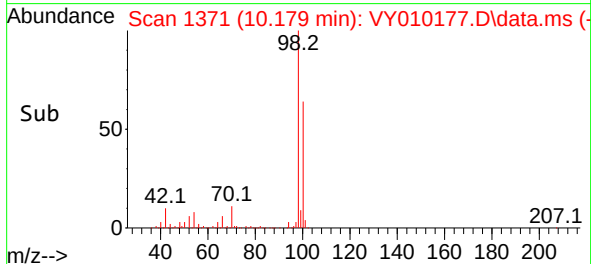
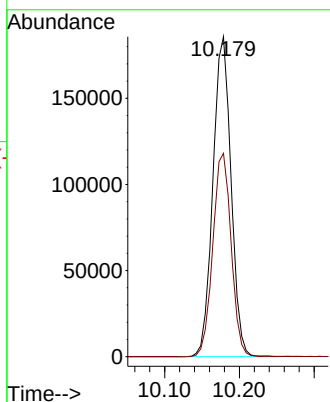
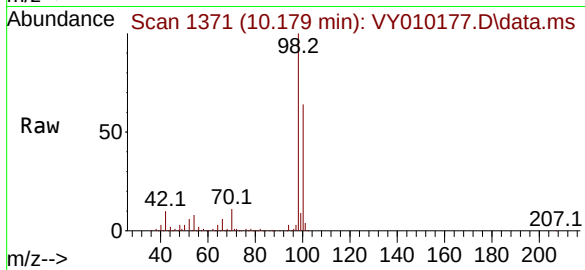




#50
Toluene-d8
Concen: 48.462 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

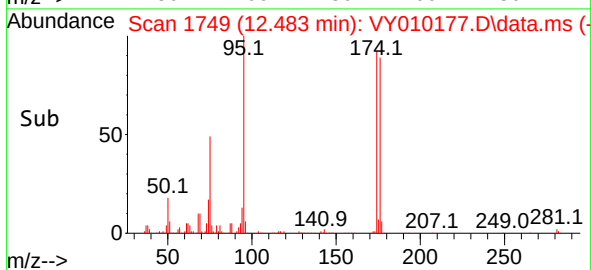
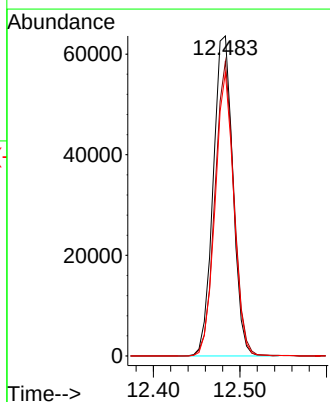
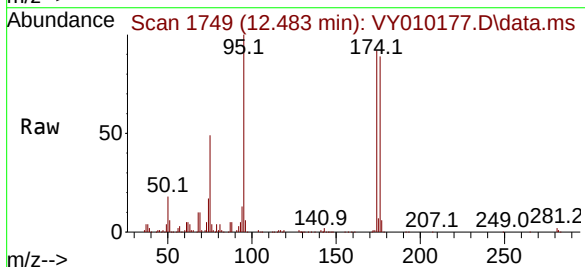
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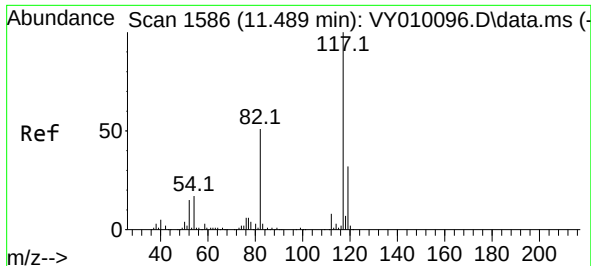
Tgt Ion: 98 Resp: 313089
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.415 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

Tgt Ion: 95 Resp: 100213
Ion Ratio Lower Upper
95 100
174 89.2 0.0 173.8
176 84.3 0.0 167.2

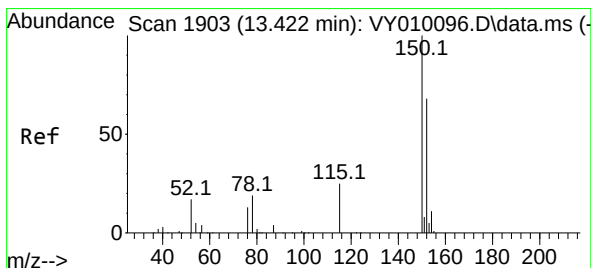
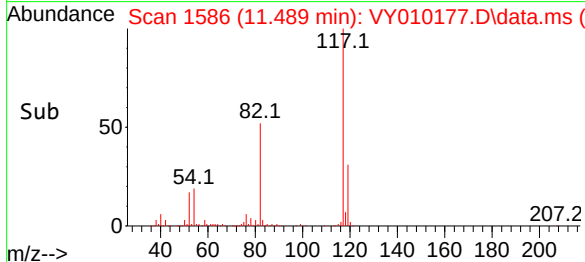
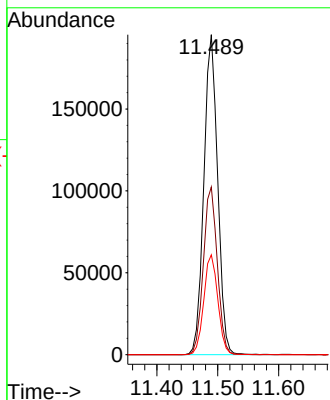
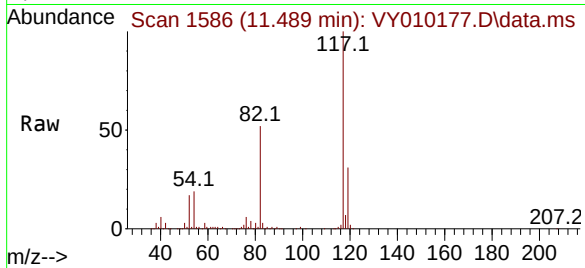




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-082222

Tgt Ion:117 Resp: 307385
Ion Ratio Lower Upper
117 100
82 52.4 40.6 61.0
119 31.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010177.D
Acq: 23 Aug 2022 19:55

Tgt Ion:152 Resp: 141599
Ion Ratio Lower Upper
152 100
115 56.8 28.1 84.2
150 157.1 0.0 346.2

