

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
 Data File : VY012709.D
 Acq On : 23 Feb 2023 17:08
 Operator : KP/MD
 Sample : 01659-01
 Misc : 2.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 QAQC-COMP-2

Quant Time: Feb 23 23:55:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	153173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	274833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	95826	52.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.940%	
35) Dibromofluoromethane	7.716	113	92288	48.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.000%	
50) Toluene-d8	10.179	98	346195	48.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.120%	
62) 4-Bromofluorobenzene	12.483	95	116681	50.621	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.240%	

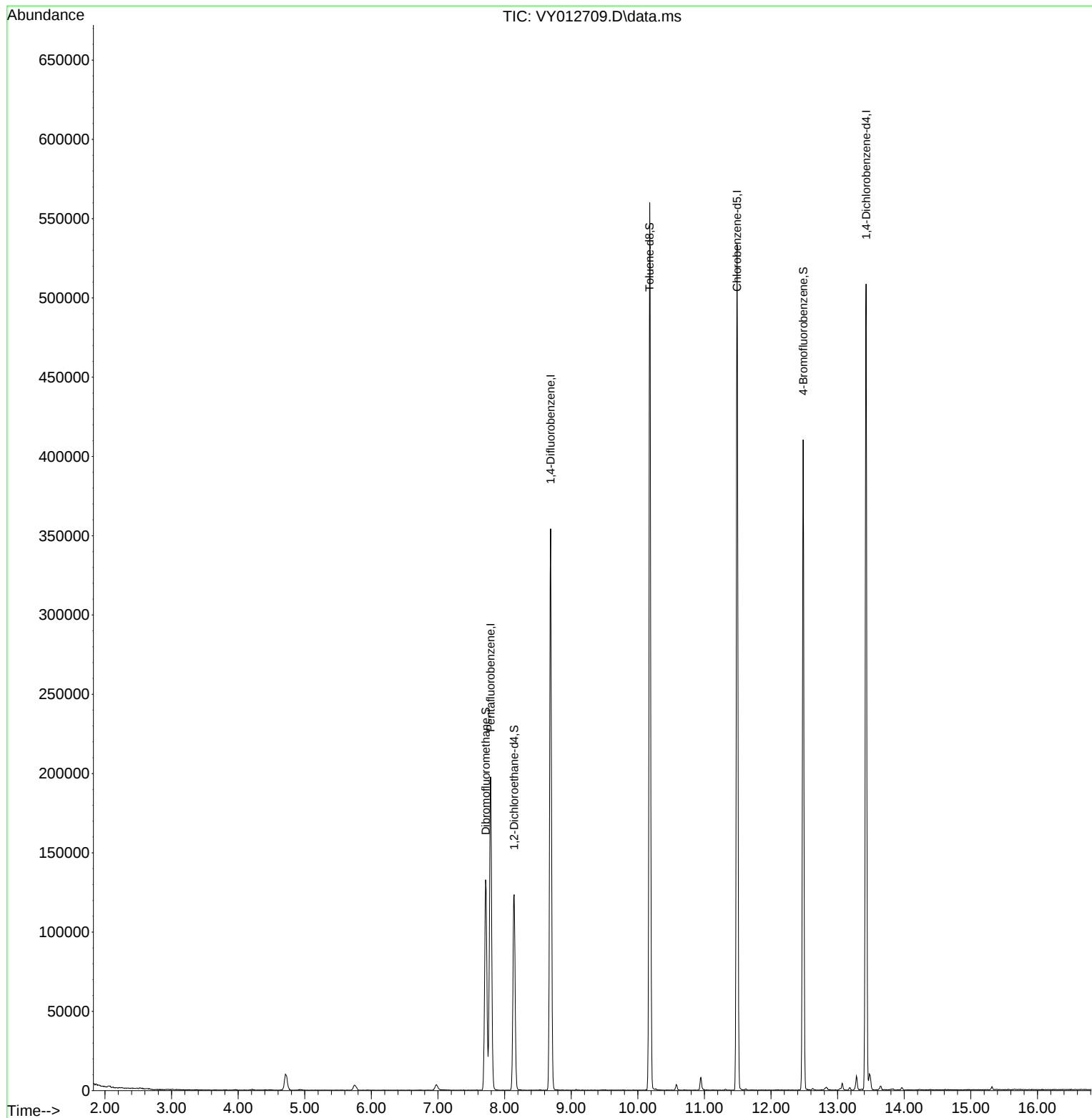
Target Compounds	Qvalue

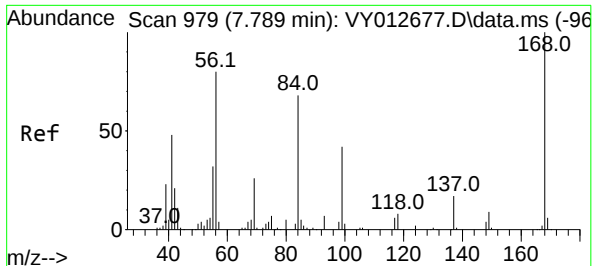
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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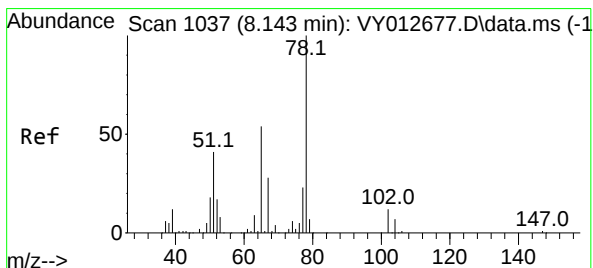
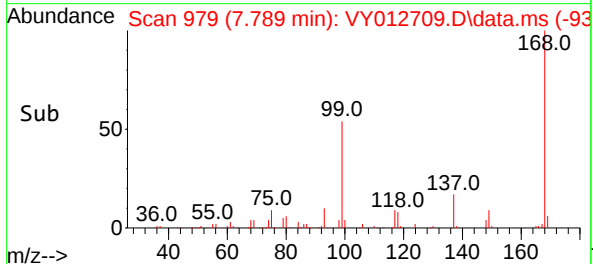
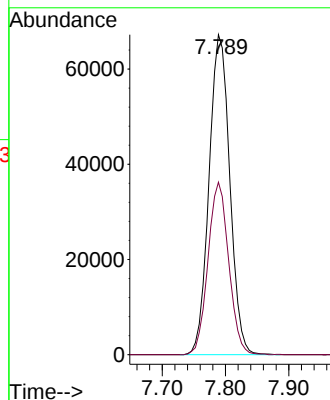
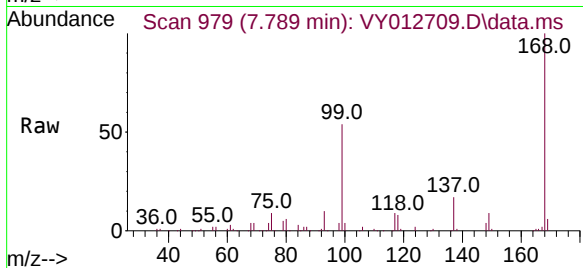




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

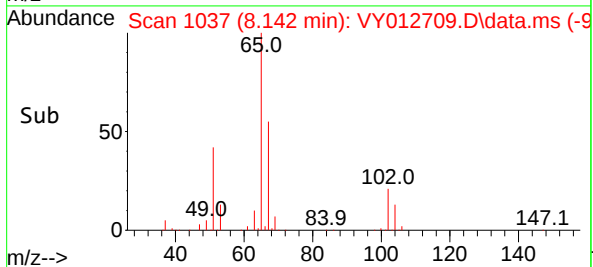
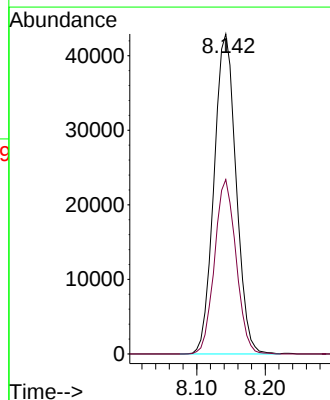
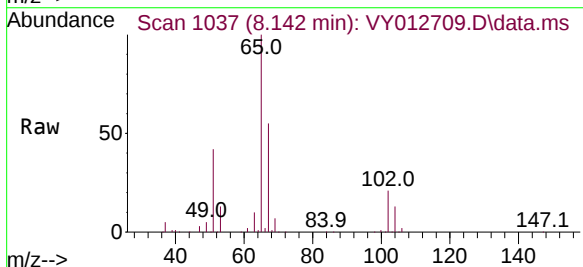
Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-2

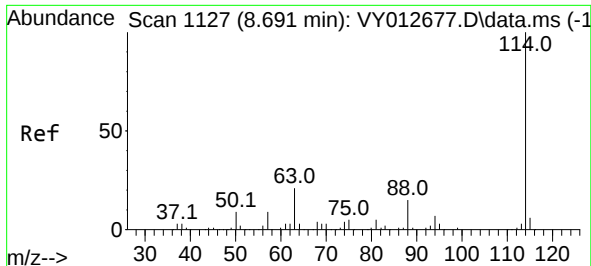
Tgt Ion:168 Resp: 153173
Ion Ratio Lower Upper
168 100
99 53.9 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 52.971 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

Tgt Ion: 65 Resp: 95826
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.6

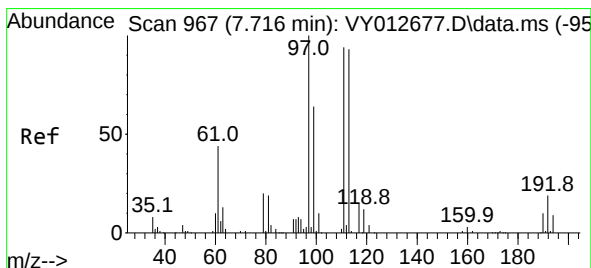
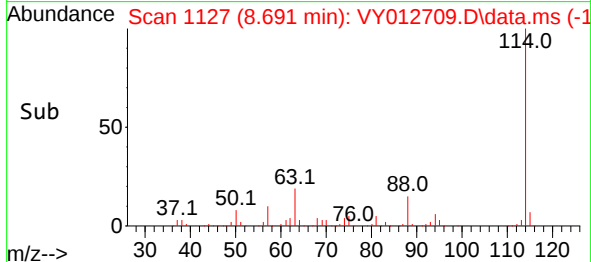
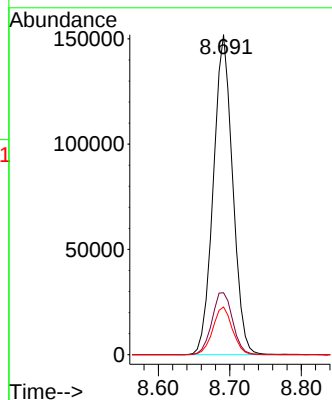
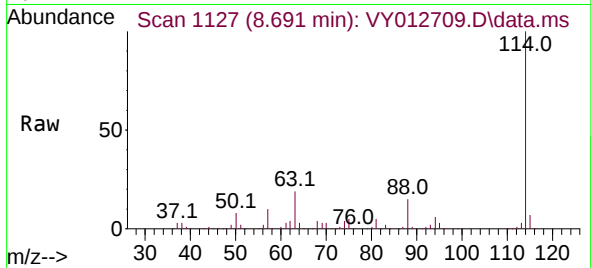




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

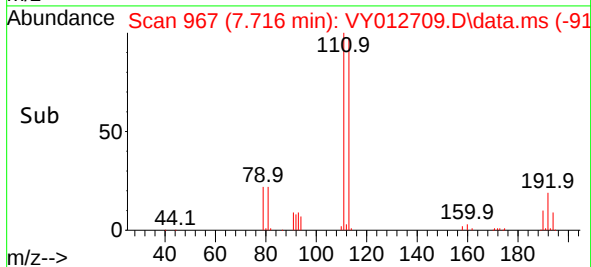
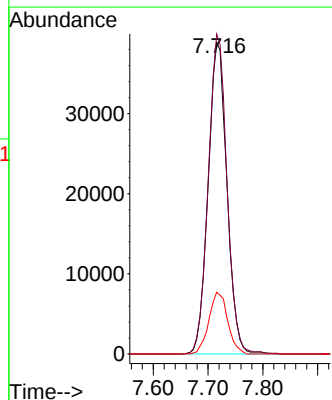
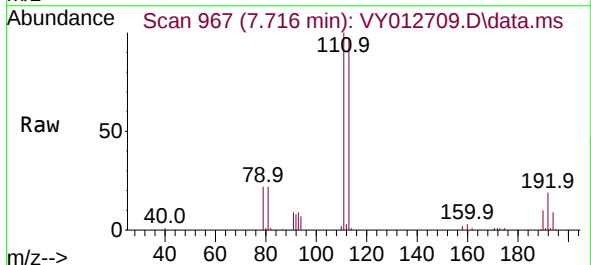
Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-2

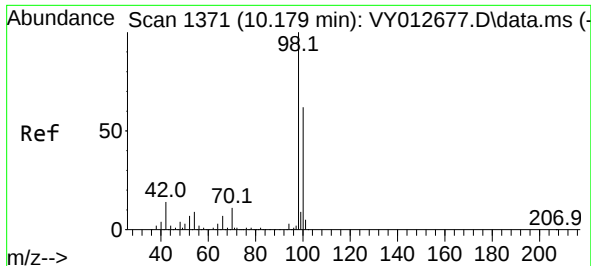
Tgt Ion:114 Resp: 284649
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.8
88 14.9 0.0 29.6



#35
Dibromofluoromethane
Concen: 48.001 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

Tgt Ion:113 Resp: 92288
Ion Ratio Lower Upper
113 100
111 102.4 82.0 123.0
192 19.9 16.2 24.2

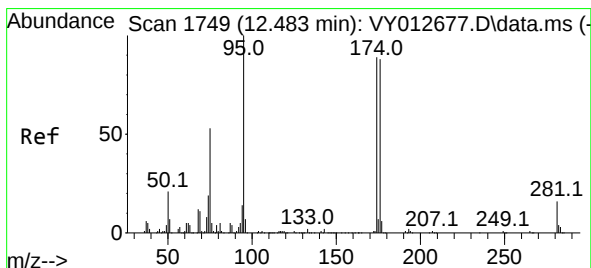
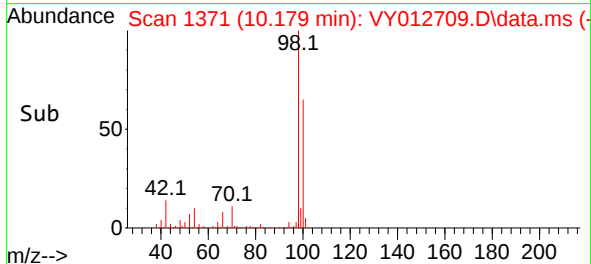
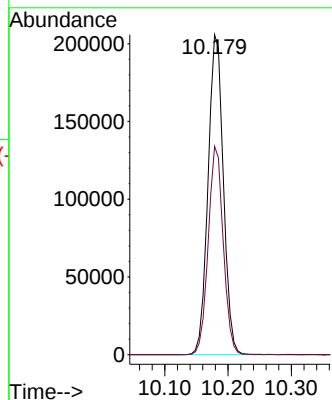
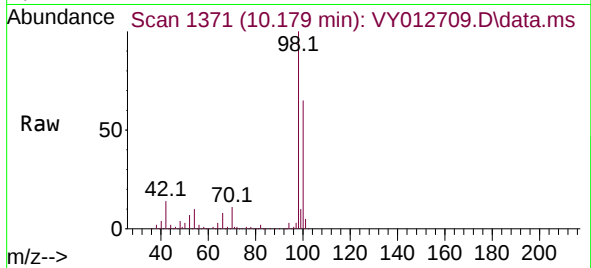




#50
Toluene-d8
Concen: 48.063 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

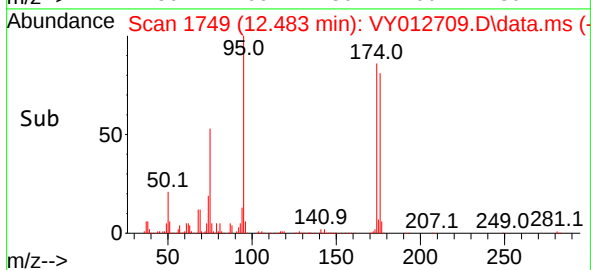
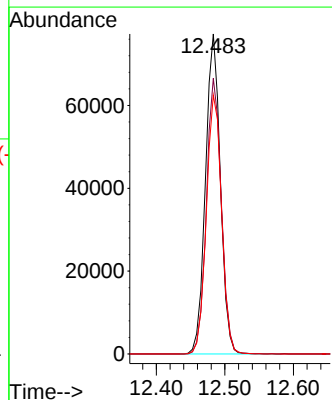
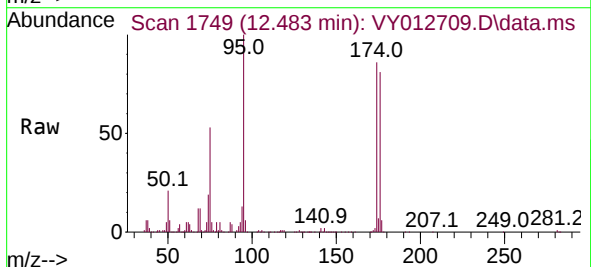
Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-2

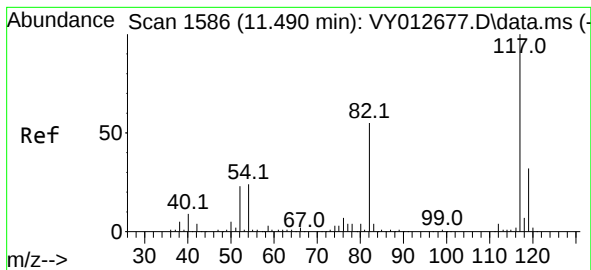
Tgt Ion: 98 Resp: 346195
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 50.621 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

Tgt Ion: 95 Resp: 116681
Ion Ratio Lower Upper
95 100
174 86.5 0.0 172.8
176 82.9 0.0 169.4

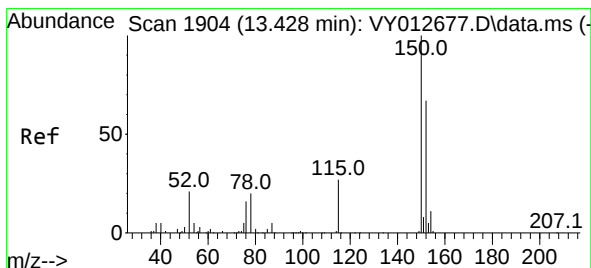
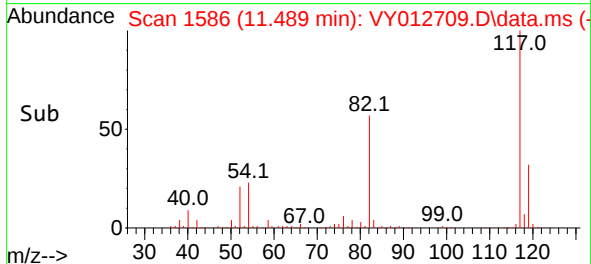
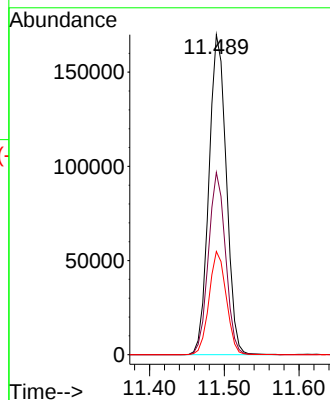
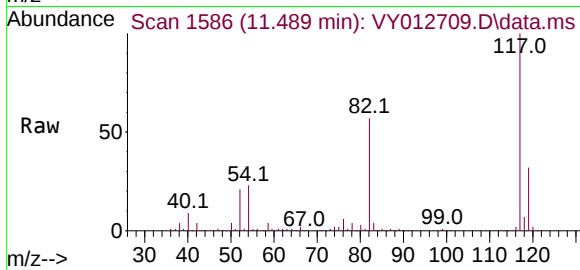




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-2

Tgt Ion:117 Resp: 274833
Ion Ratio Lower Upper
117 100
82 56.9 44.1 66.1
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

Tgt Ion:152 Resp: 128459
Ion Ratio Lower Upper
152 100
115 56.6 28.7 86.3
150 156.4 0.0 347.6

