

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011603.D
 Acq On : 28 Nov 2022 16:33
 Operator : KP/MD
 Sample : N5795-01
 Misc : 3.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10

Quant Time: Nov 29 00:26:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	186492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	346623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	337524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149499	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128755	67.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.980%
35) Dibromofluoromethane	7.715	113	114430	53.628	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.260%
50) Toluene-d8	10.178	98	427849	55.178	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.360%
62) 4-Bromofluorobenzene	12.483	95	140354	48.957	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.920%

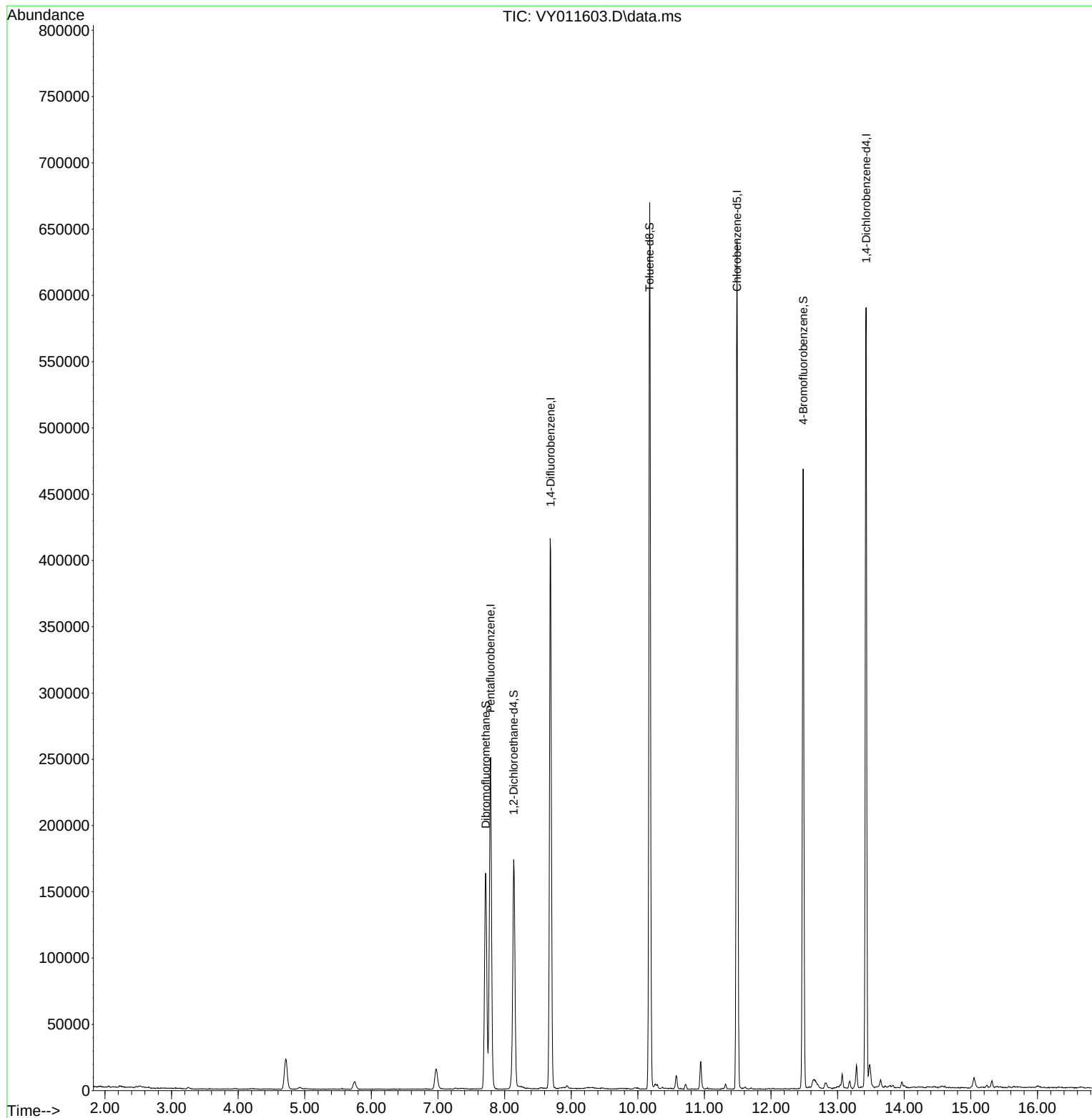
Target Compounds	Qvalue

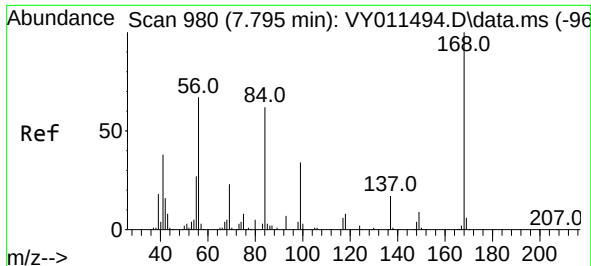
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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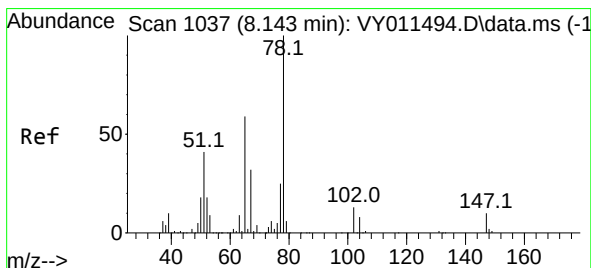
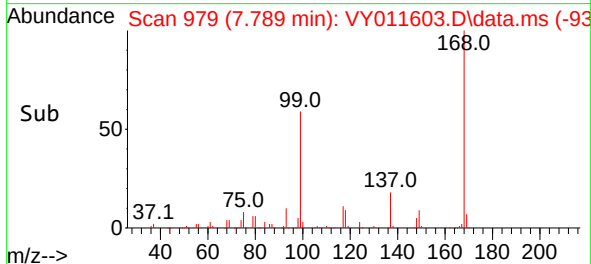
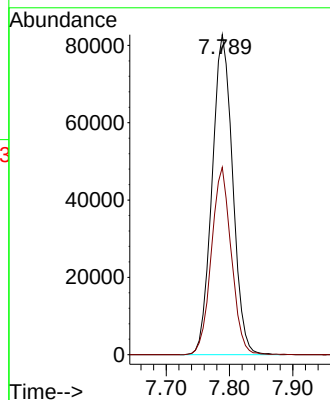
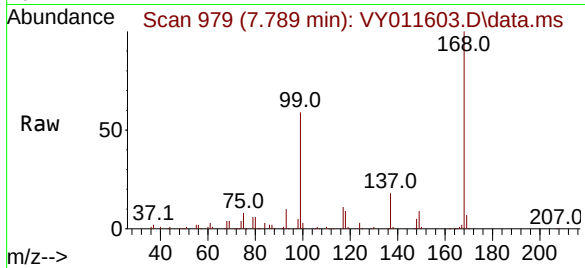




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011603.D
Acq: 28 Nov 2022 16:33

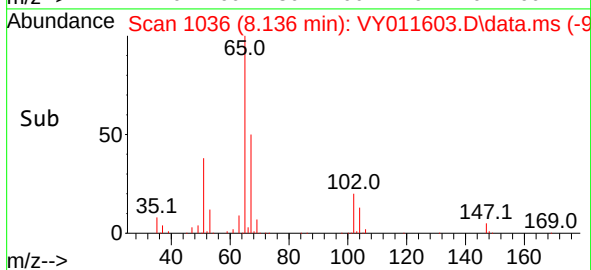
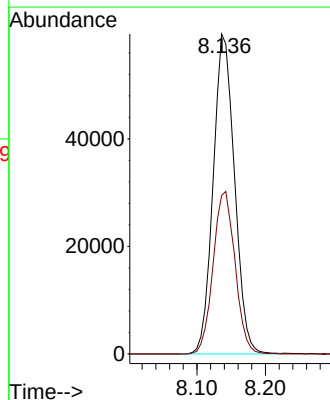
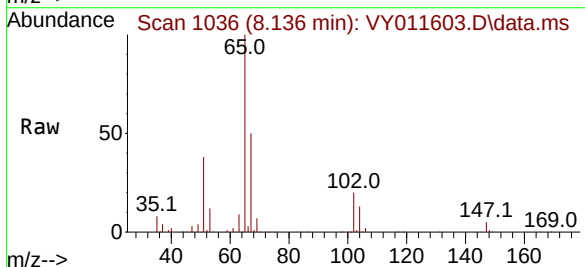
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

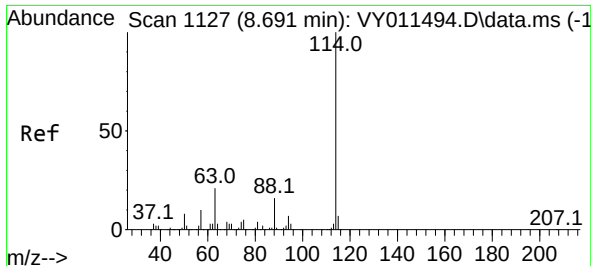
Tgt Ion:168 Resp: 186492
Ion Ratio Lower Upper
168 100
99 58.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.994 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011603.D
Acq: 28 Nov 2022 16:33

Tgt Ion: 65 Resp: 128755
Ion Ratio Lower Upper
65 100
67 52.1 0.0 99.4

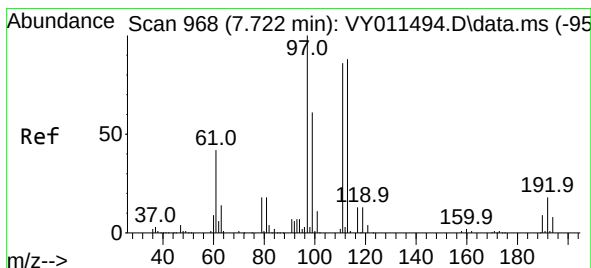
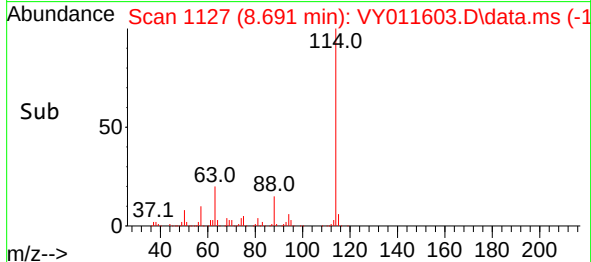
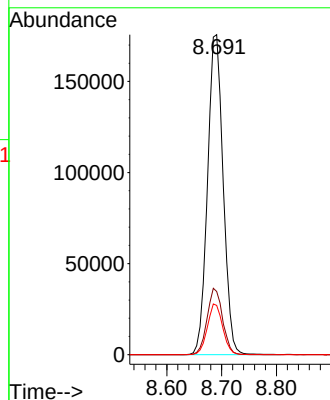
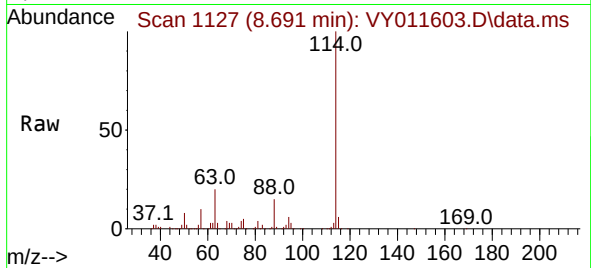




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY011603.D
Acq: 28 Nov 2022 16:33

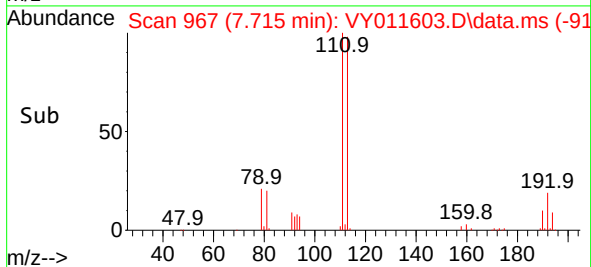
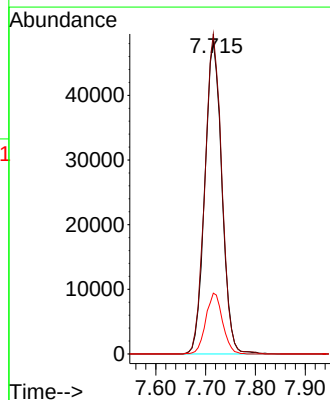
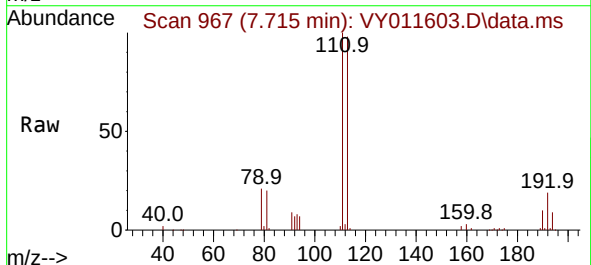
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ClientSampleId :
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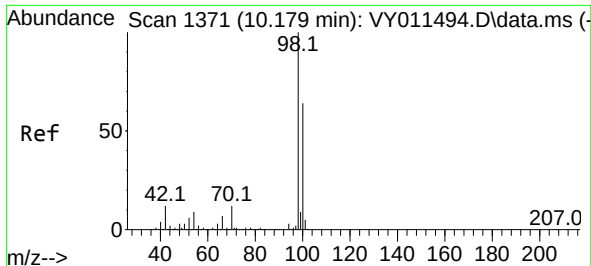
Tgt Ion:	114	Resp:	346623
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	43.2
88	15.4	0.0	31.8



#35
Dibromofluoromethane
Concen: 53.628 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.007 min
Lab File: VY011603.D
Acq: 28 Nov 2022 16:33

Tgt Ion:	113	Resp:	114430
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	19.2	17.6	26.4

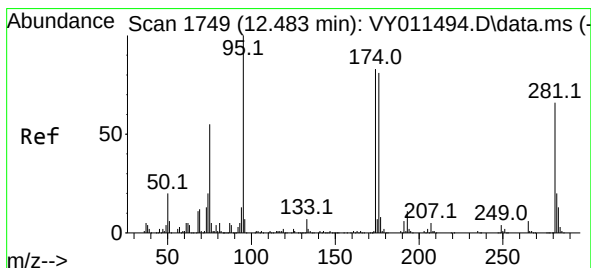
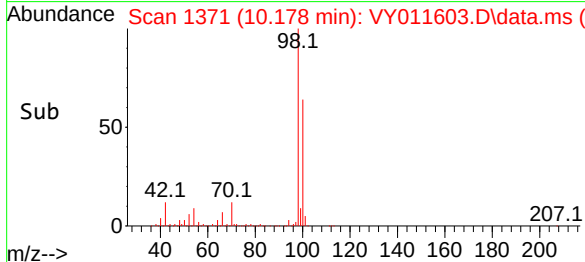
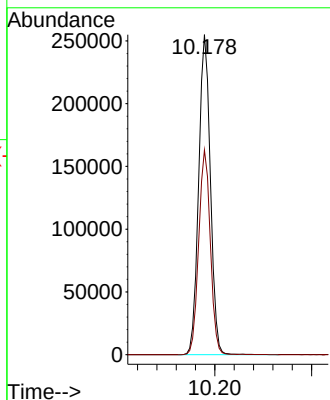
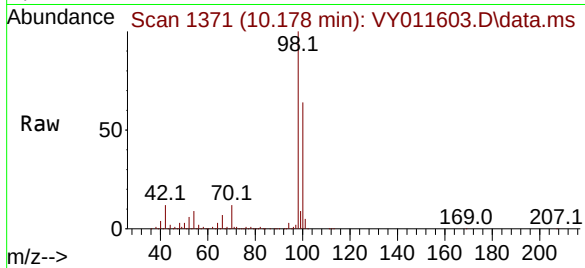




#50
Toluene-d8
Concen: 55.178 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011603.D
Acq: 28 Nov 2022 16:33

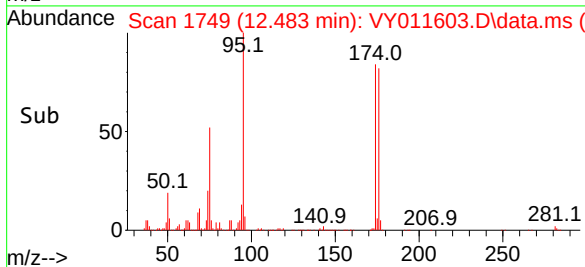
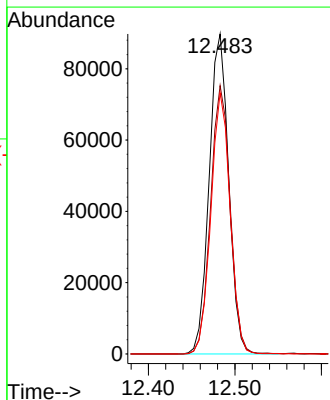
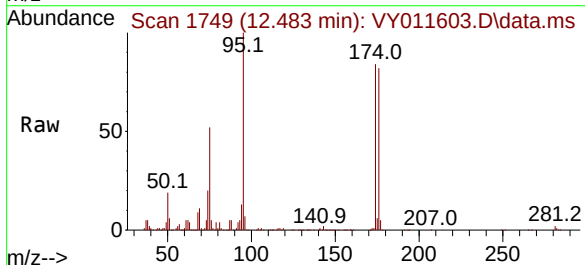
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

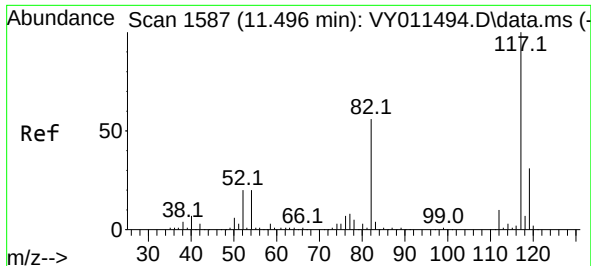
Tgt Ion: 98 Resp: 427849
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.957 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011603.D
Acq: 28 Nov 2022 16:33

Tgt Ion: 95 Resp: 140354
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 80.6 0.0 175.8

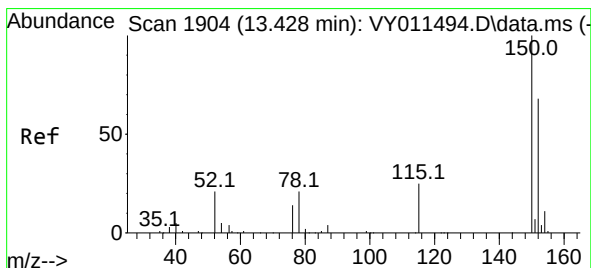
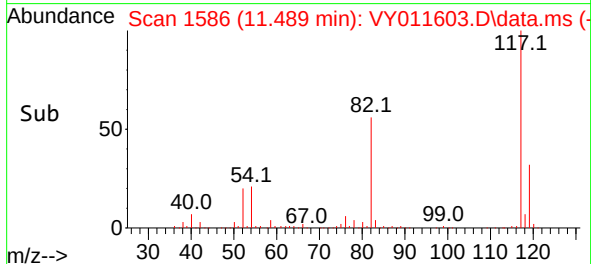
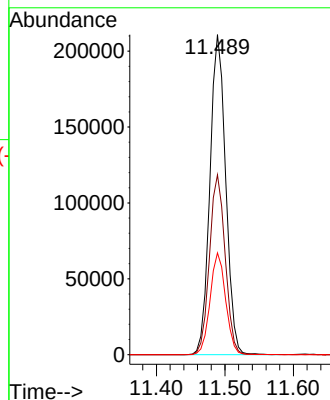
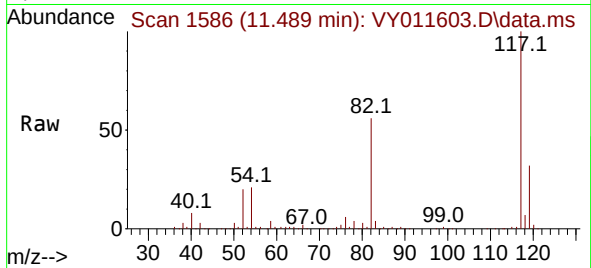




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011603.D
Acq: 28 Nov 2022 16:33

Instrument :
MSVOA_Y
ClientSampleId :
TP-10

Tgt Ion:117 Resp: 337524
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011603.D
Acq: 28 Nov 2022 16:33

Tgt Ion:152 Resp: 149499
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 156.3 0.0 347.6

