

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016957.D
 Acq On : 09 Jan 2024 18:31
 Operator : SY/MD
 Sample : P1085-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Jan 10 02:31:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	29311	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	53685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	42773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	10993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	11369	39.244	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.480%
35) Dibromofluoromethane	7.734	113	13343	39.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.000%
50) Toluene-d8	10.197	98	46094	39.128	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.260%
62) 4-Bromofluorobenzene	12.495	95	9901	24.911	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	49.820%

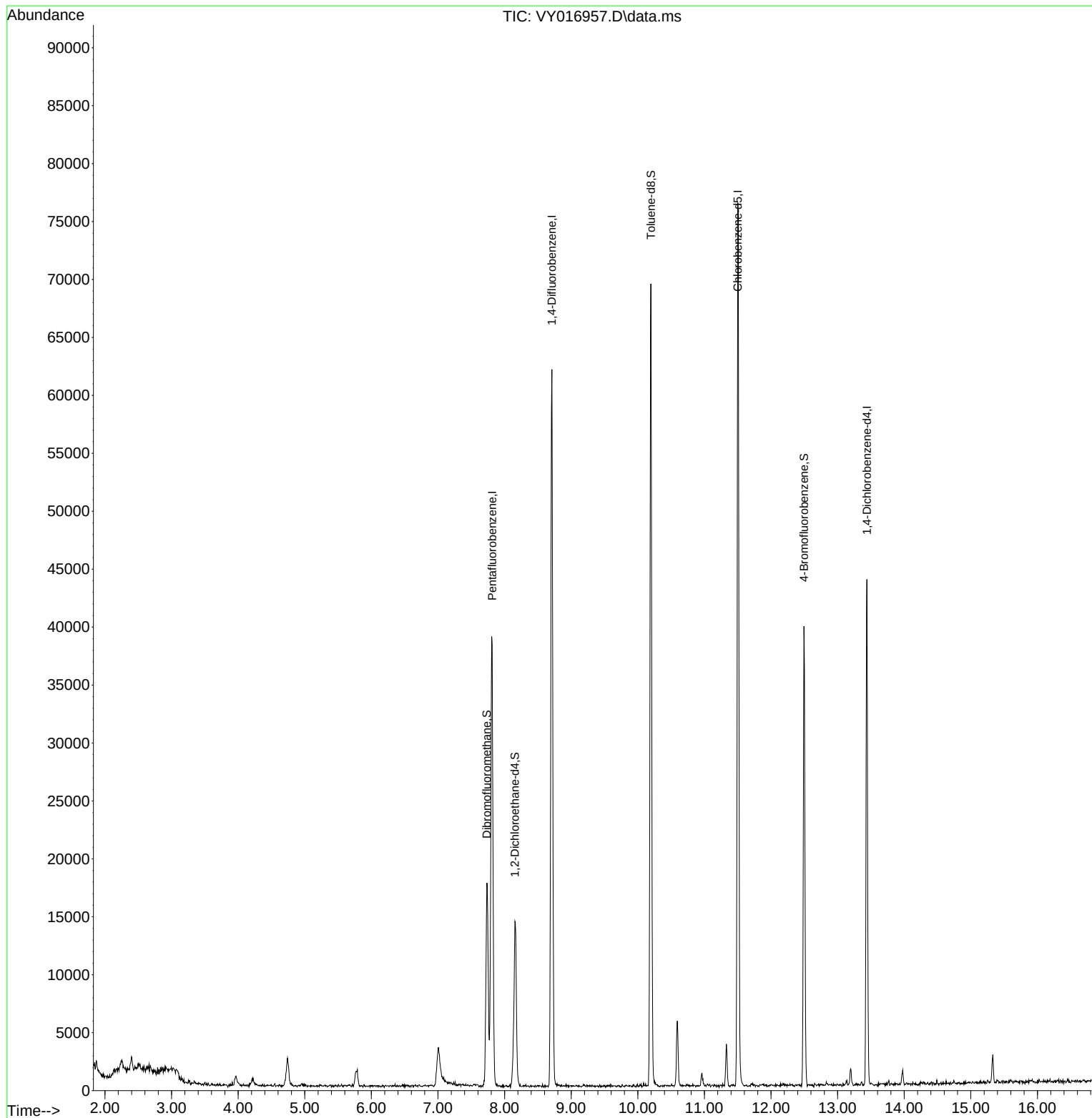
Target Compounds	Qvalue

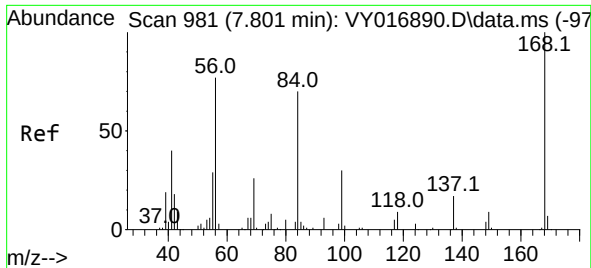
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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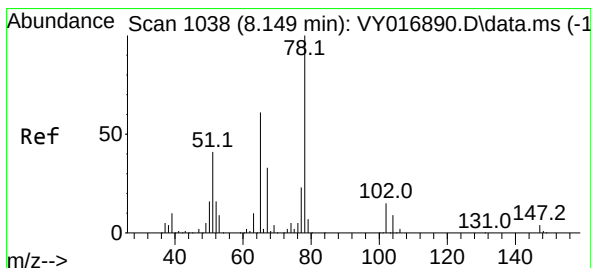
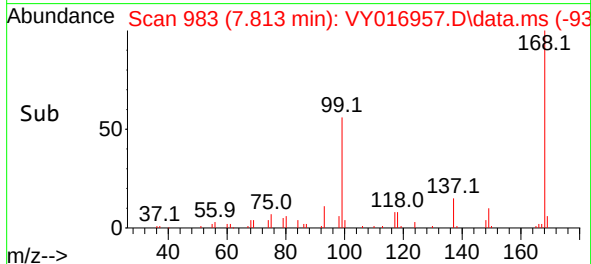
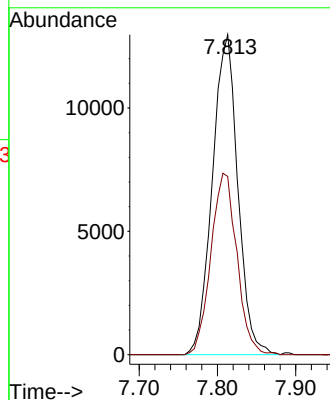
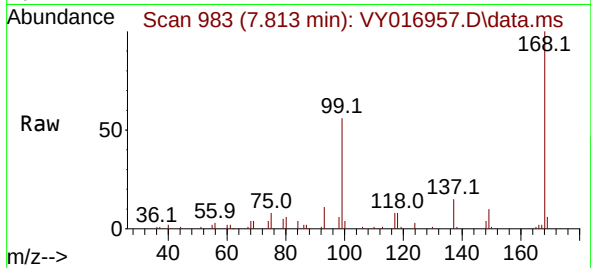




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

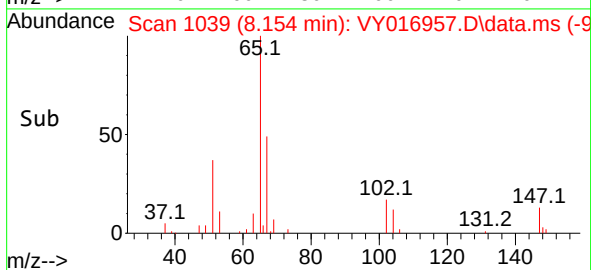
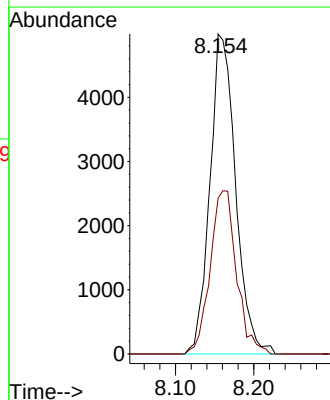
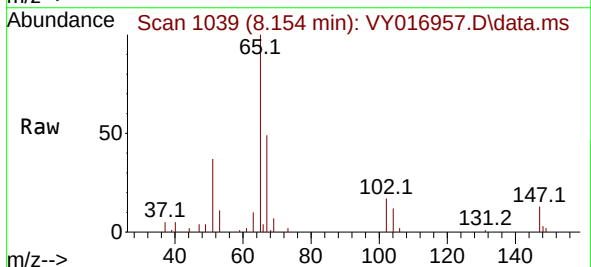
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

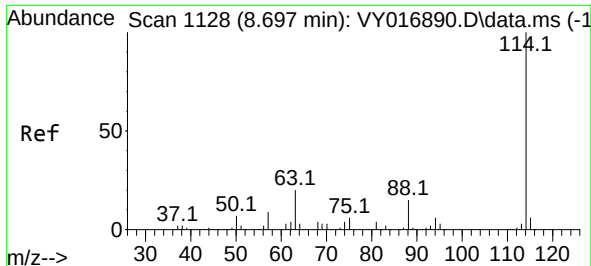
Tgt Ion:168 Resp: 29311
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 39.244 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.001 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

Tgt Ion: 65 Resp: 11369
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.0

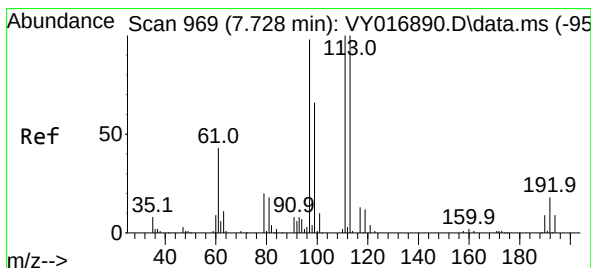
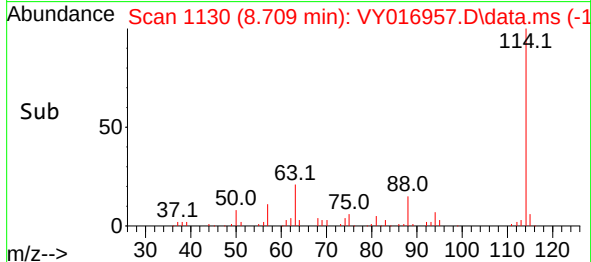
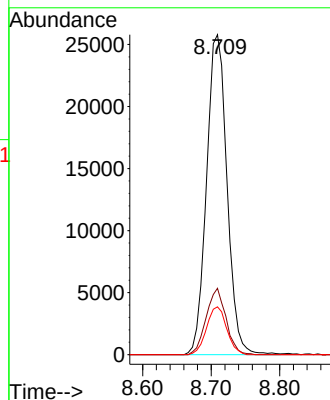
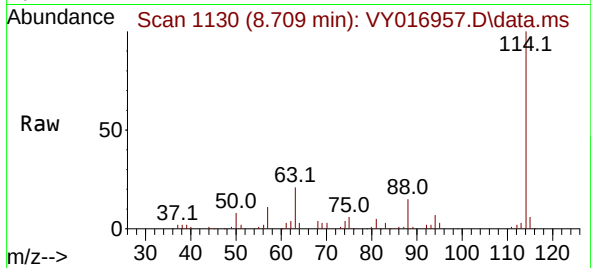




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

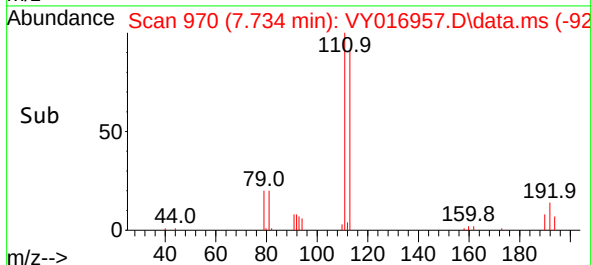
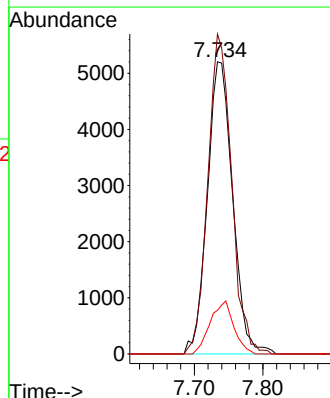
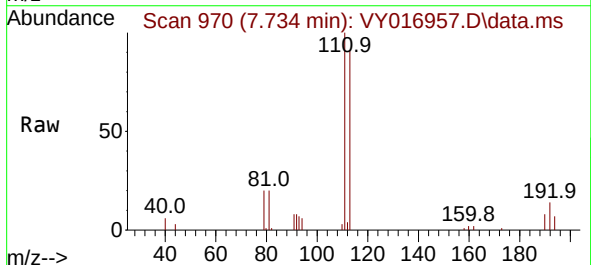
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

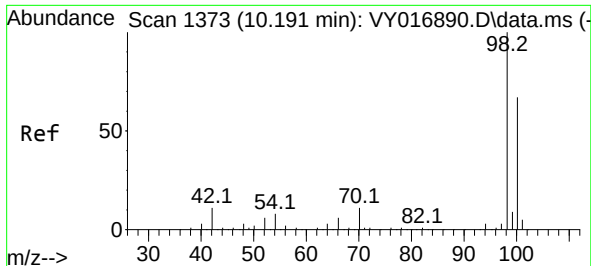
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	37.4
88	14.9	0.0	29.0



#35
Dibromofluoromethane
Concen: 39.003 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.8	125.6
192	16.9	14.5	21.7

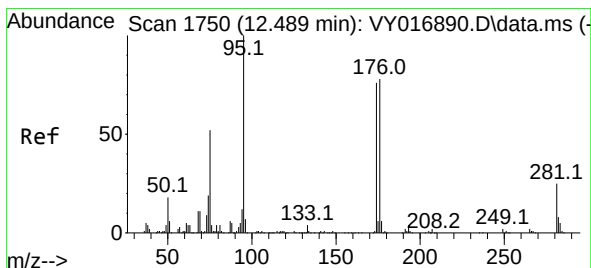
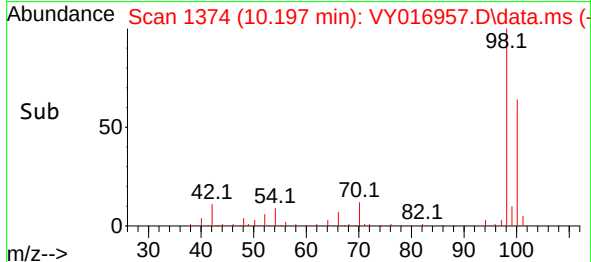
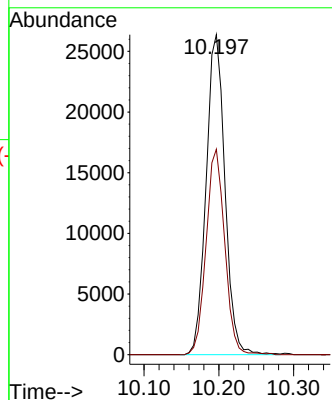
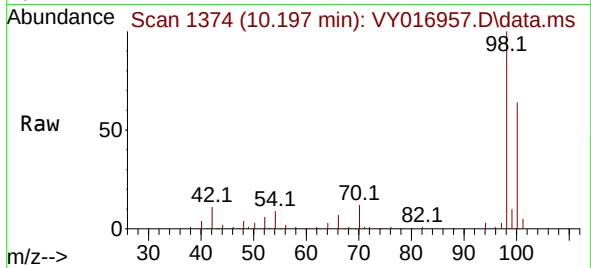




#50
Toluene-d8
Concen: 39.128 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

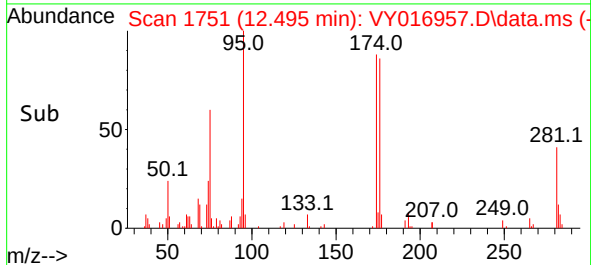
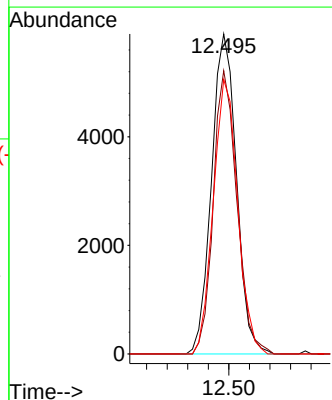
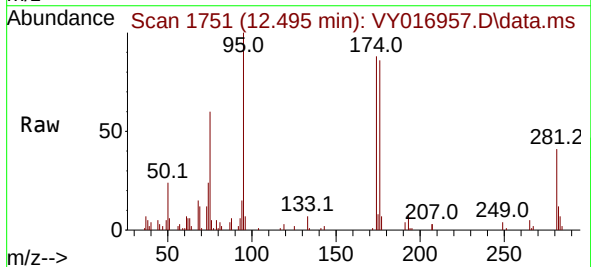
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

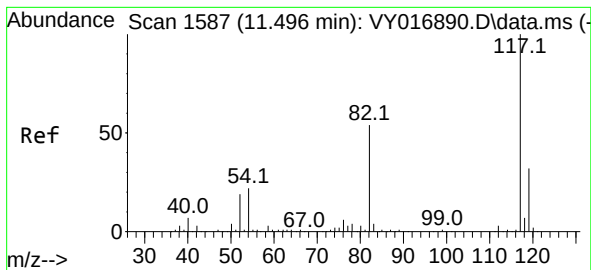
Tgt Ion: 98 Resp: 46094
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 24.911 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

Tgt Ion: 95 Resp: 9901
Ion Ratio Lower Upper
95 100
174 84.0 0.0 160.0
176 84.1 0.0 151.8

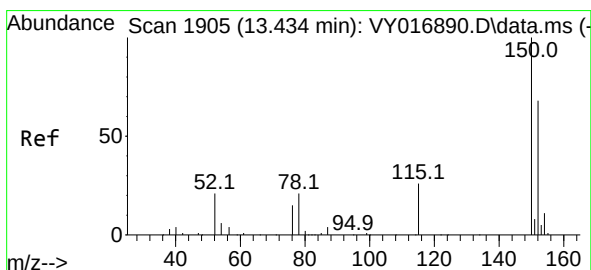
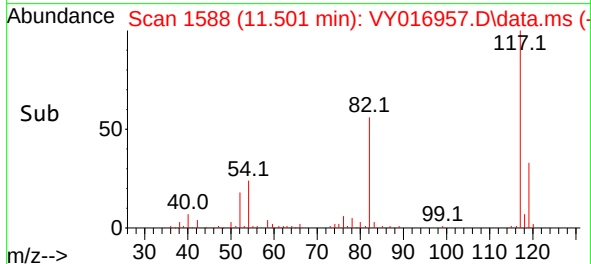
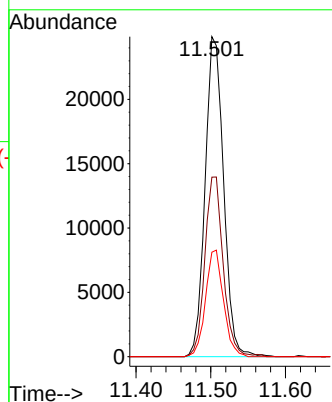
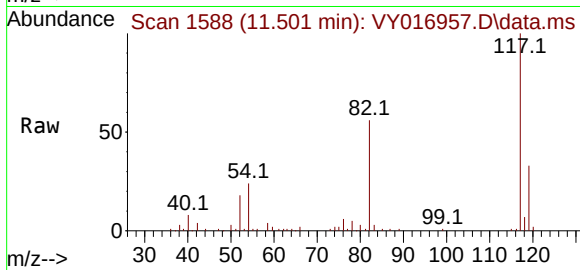




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 42773
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.8
119 32.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016957.D
Acq: 09 Jan 2024 18:31

Tgt Ion:152 Resp: 10993
Ion Ratio Lower Upper
152 100
115 62.7 30.0 90.0
150 159.8 0.0 344.6

