

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011634.D
 Acq On : 30 Nov 2022 12:32
 Operator : KP/MD
 Sample : N5789-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TFI-359RE

Quant Time: Dec 01 05:22:18 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	7.795	168	369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	105	50.000	ug/l	# 0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	638	170.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	340.560%#
35) Dibromofluoromethane	7.704	113	235	40.226	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.460%
50) Toluene-d8	10.185	98	927	43.666	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.340%
62) 4-Bromofluorobenzene	12.483	95	132	16.817	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	33.640%

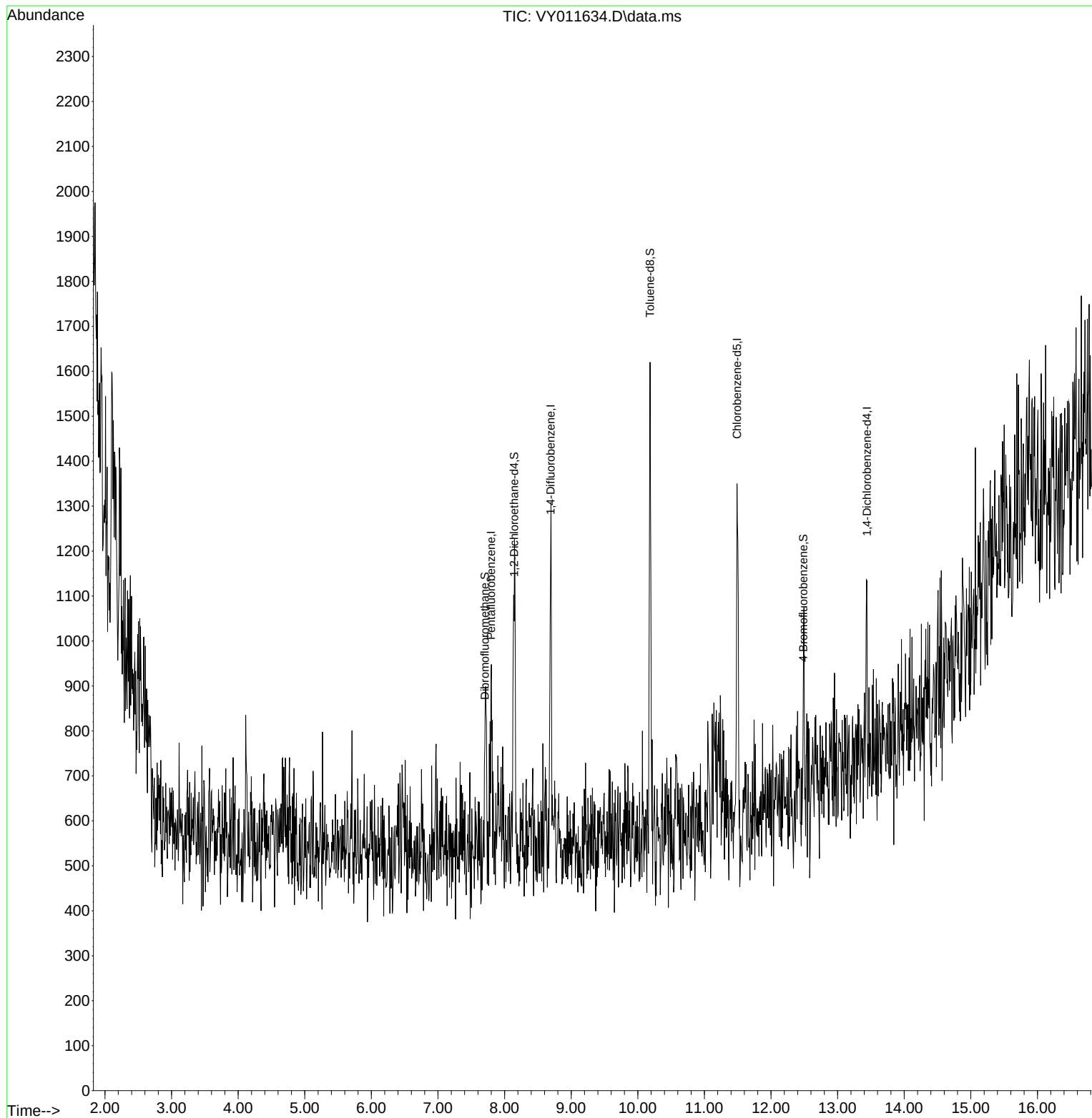
Target Compounds	Qvalue

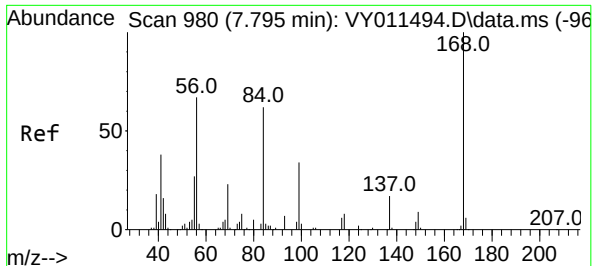
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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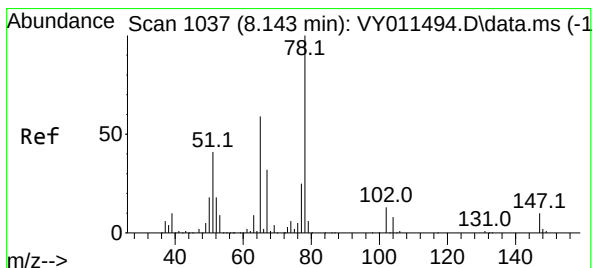
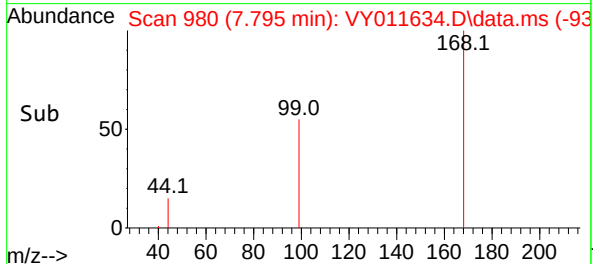
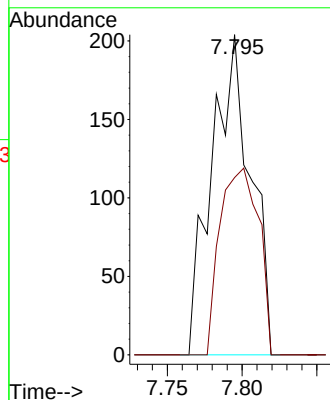
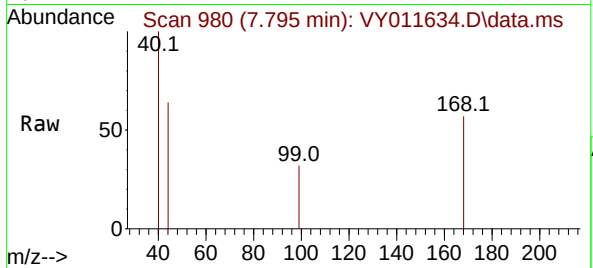




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY011634.D
Acq: 30 Nov 2022 12:32

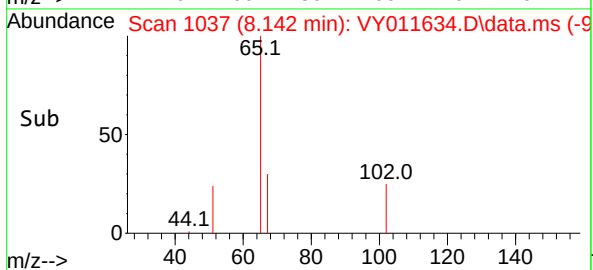
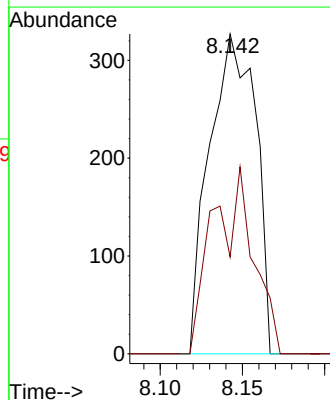
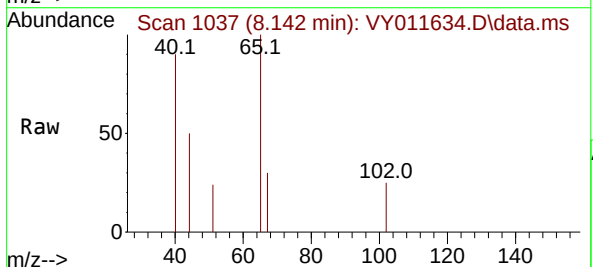
Instrument :
MSVOA_Y
ClientSampleId :
TFI-359RE

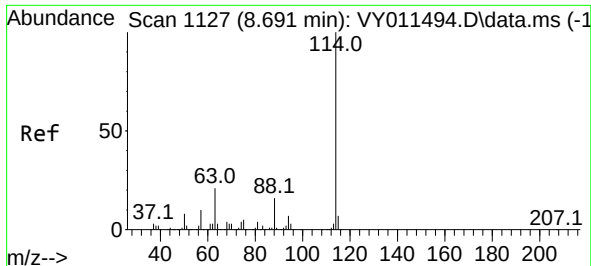
Tgt Ion:168 Resp: 369
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 170.278 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011634.D
Acq: 30 Nov 2022 12:32

Tgt Ion: 65 Resp: 638
Ion Ratio Lower Upper
65 100
67 26.8 0.0 99.4

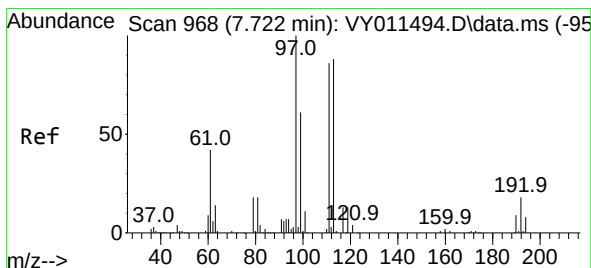
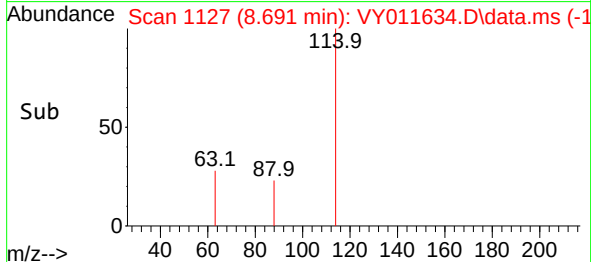
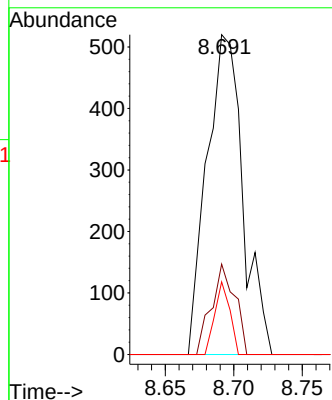
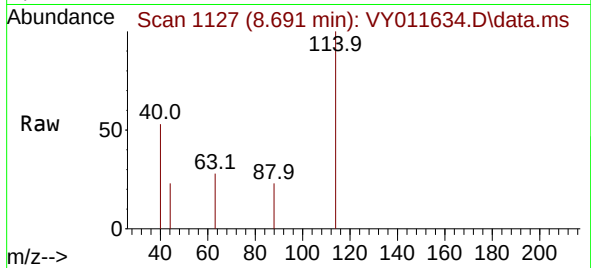




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY011634.D
 Acq: 30 Nov 2022 12:32

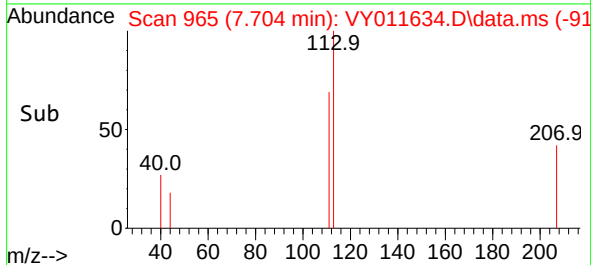
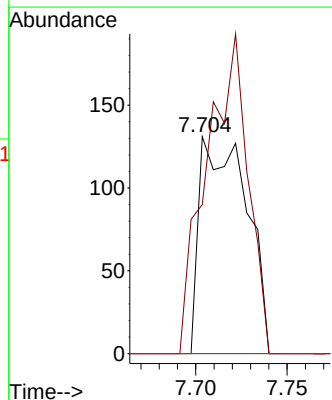
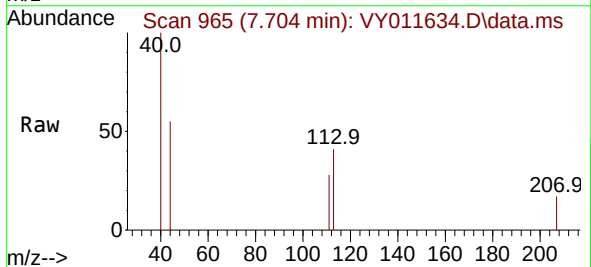
Instrument :
 MSVOA_Y
 ClientSampleId :
 TFI-359RE

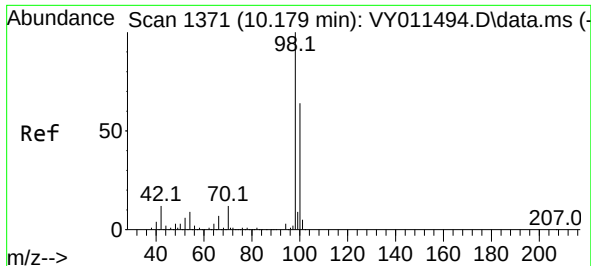
Tgt Ion:	114	Resp:	949
Ion	Ratio	Lower	Upper
114	100		
63	28.3	0.0	43.2
88	22.7	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 40.226 ug/l
 RT: 7.704 min Scan# 965
 Delta R.T. -0.018 min
 Lab File: VY011634.D
 Acq: 30 Nov 2022 12:32

Tgt Ion:	113	Resp:	235
Ion	Ratio	Lower	Upper
113	100		
111	129.4	82.6	124.0#
192	0.0	17.6	26.4#

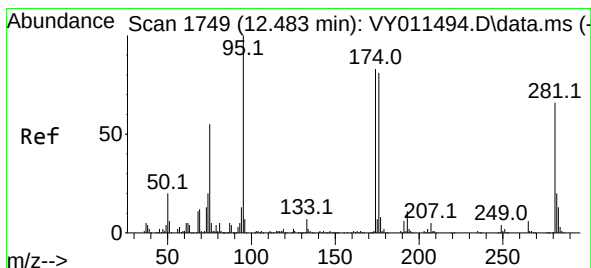
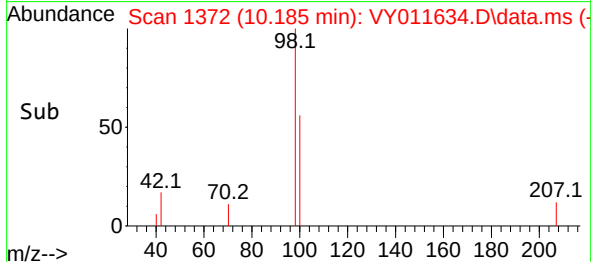
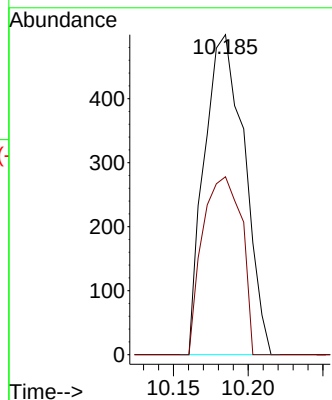
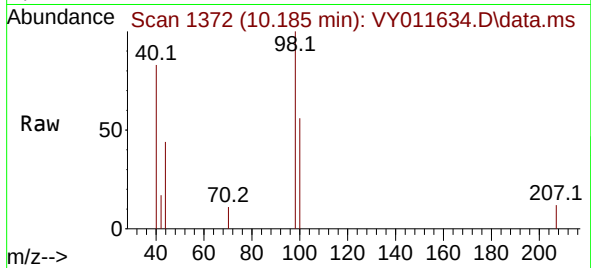




#50
Toluene-d8
Concen: 43.666 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011634.D
Acq: 30 Nov 2022 12:32

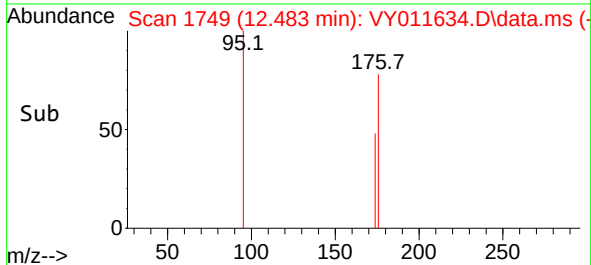
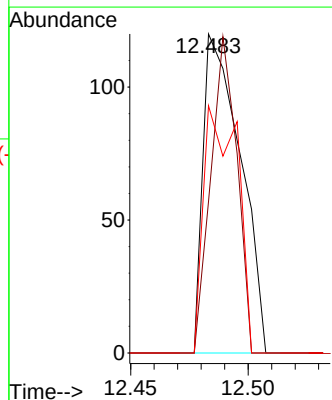
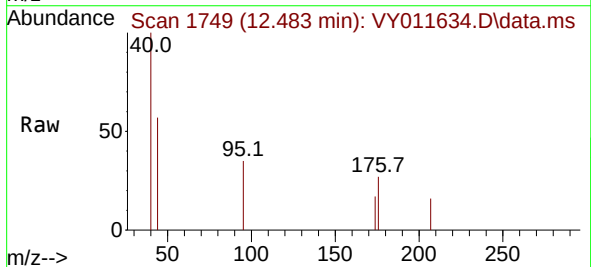
Instrument :
MSVOA_Y
ClientSampleId :
TFI-359RE

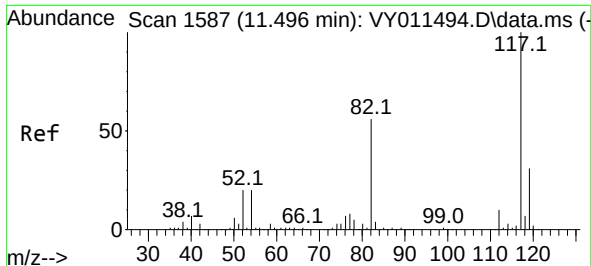
Tgt Ion: 98 Resp: 927
Ion Ratio Lower Upper
98 100
100 54.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 16.817 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011634.D
Acq: 30 Nov 2022 12:32

Tgt Ion: 95 Resp: 132
Ion Ratio Lower Upper
95 100
174 69.7 0.0 177.0
176 70.5 0.0 175.8

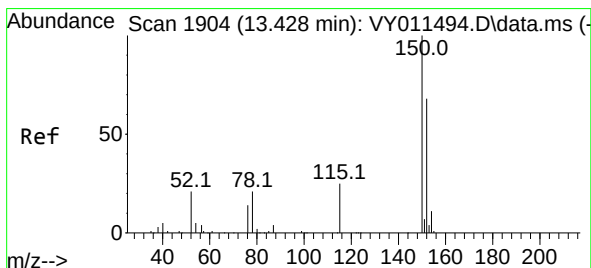
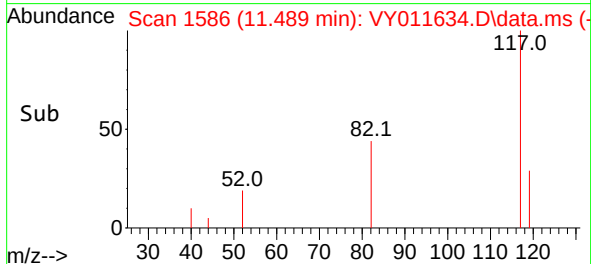
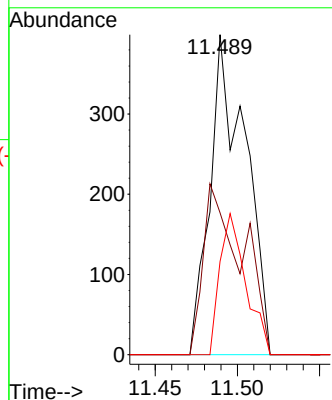
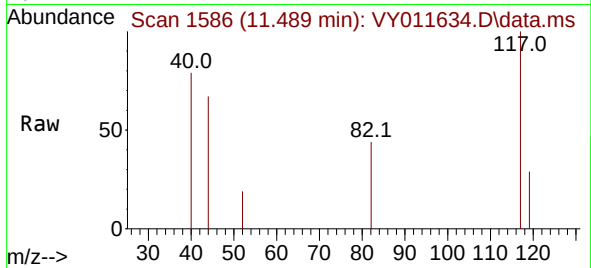




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011634.D
Acq: 30 Nov 2022 12:32

Instrument :
MSVOA_Y
ClientSampleId :
TFI-359RE

Tgt Ion:117	Resp:	597
Ion	Ratio	Lower Upper
117	100	
82	44.4	43.0 64.4
119	29.1	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.012 min
Lab File: VY011634.D
Acq: 30 Nov 2022 12:32

Tgt Ion:152	Resp:	105
Ion	Ratio	Lower Upper
152	100	
115	0.0	28.2 84.7#
150	274.3	0.0 347.6

