

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102522\
 Data File : VY011096.D
 Acq On : 25 Oct 2022 16:04
 Operator : KP/MD
 Sample : N5256-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-F1-14.5-15.0RE

Quant Time: Oct 26 09:00:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	14226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	21846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	18674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6060	46.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.480%
35) Dibromofluoromethane	7.716	113	3378	26.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	53.480%#
50) Toluene-d8	10.172	98	18129	39.744	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.480%
62) 4-Bromofluorobenzene	12.477	95	5432	32.546	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.100%

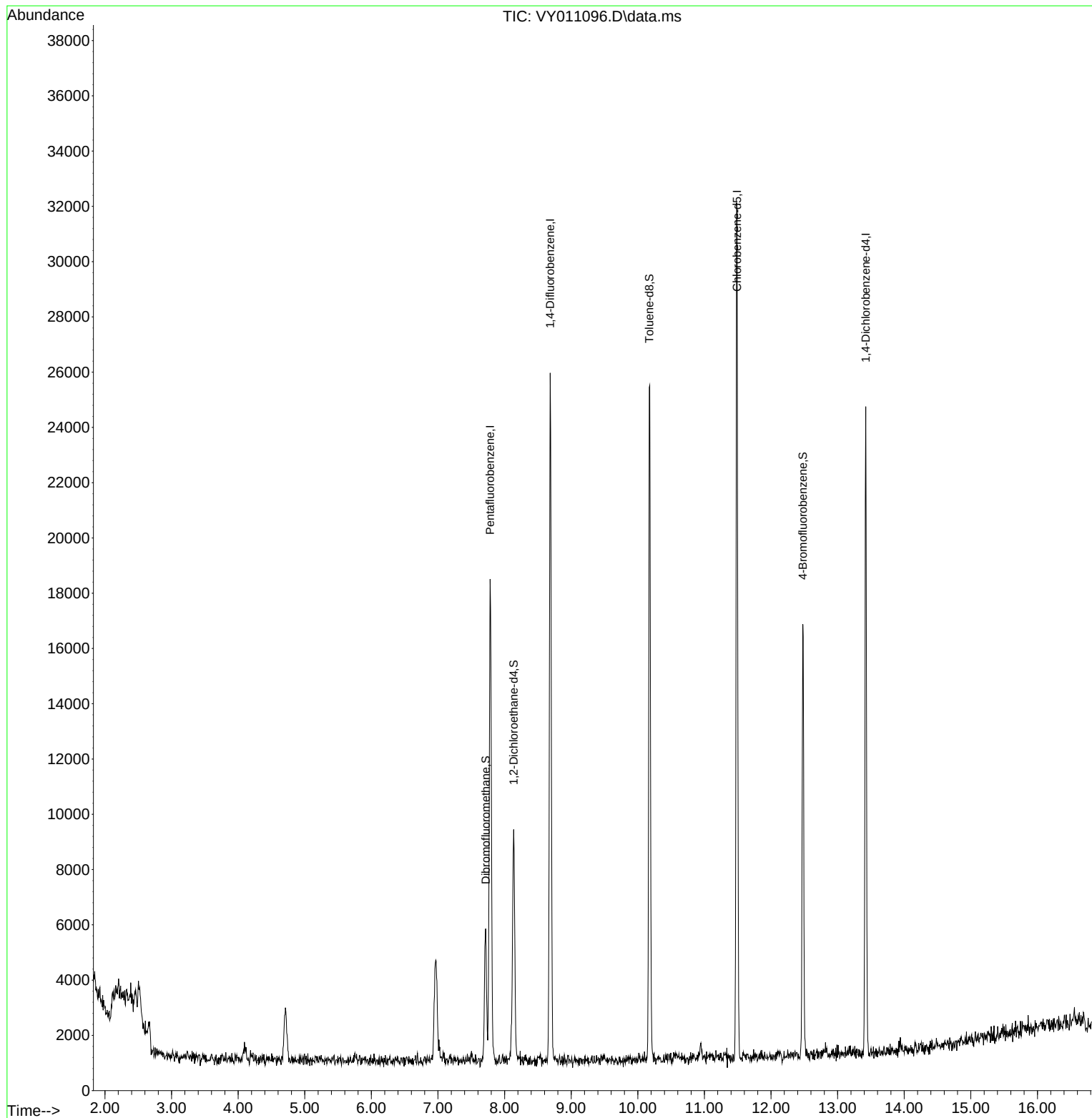
Target Compounds	Qvalue

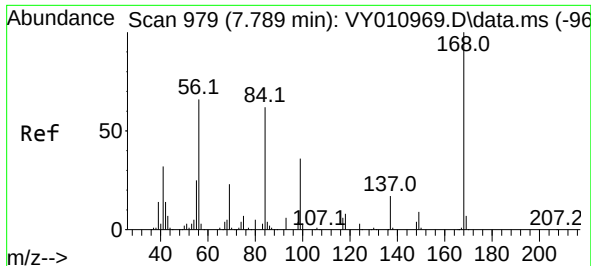
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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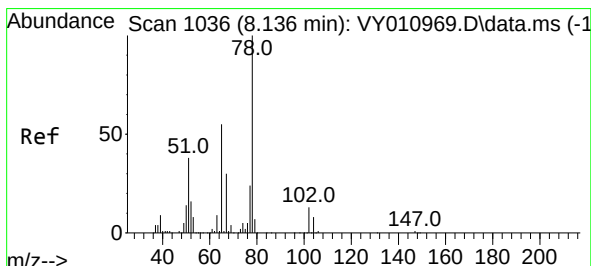
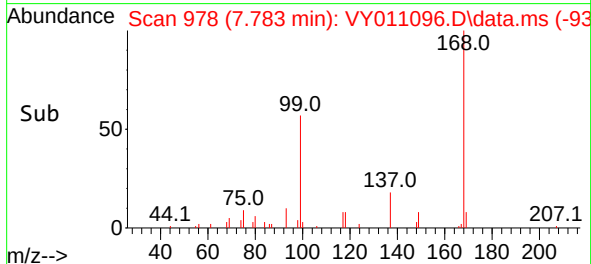
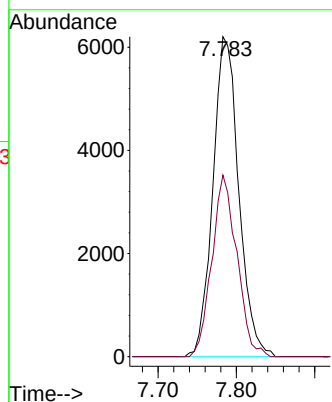
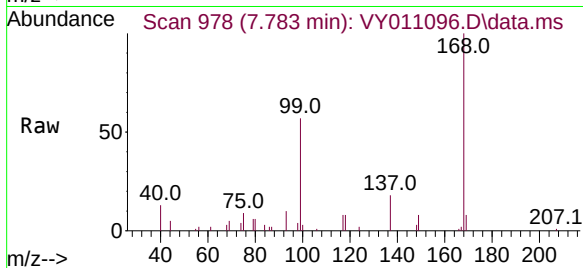




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011096.D
Acq: 25 Oct 2022 16:04

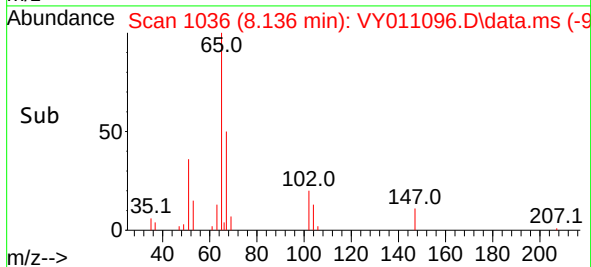
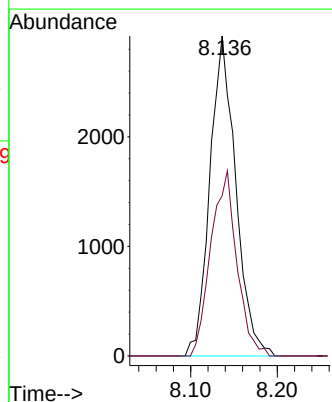
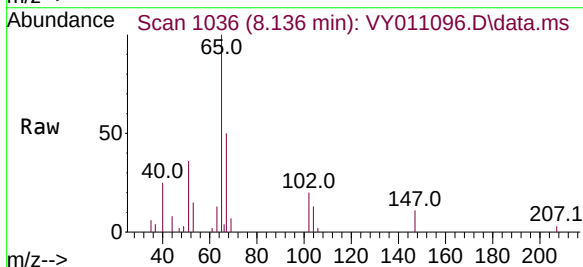
Instrument :
MSVOA_Y
ClientSampleId :
SB-F1-14.5-15.0RE

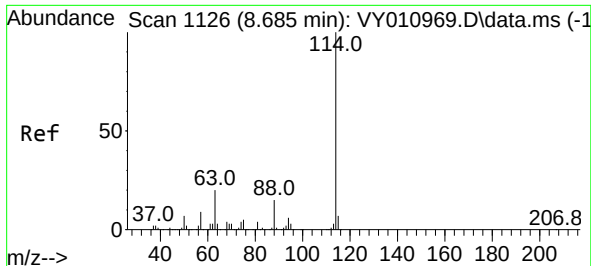
Tgt Ion:168 Resp: 14226
Ion Ratio Lower Upper
168 100
99 56.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.245 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011096.D
Acq: 25 Oct 2022 16:04

Tgt Ion: 65 Resp: 6060
Ion Ratio Lower Upper
65 100
67 58.1 0.0 99.4

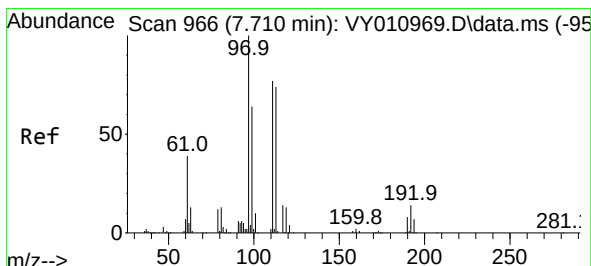
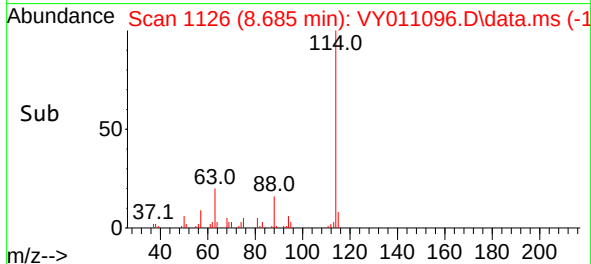
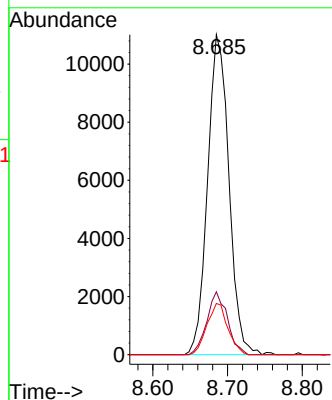
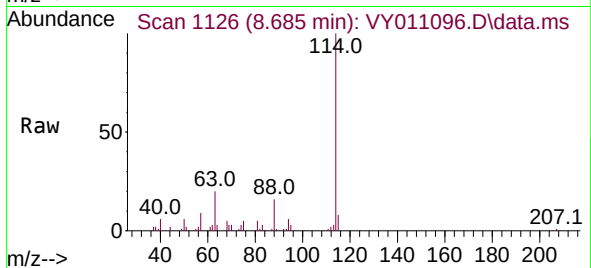




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011096.D
Acq: 25 Oct 2022 16:04

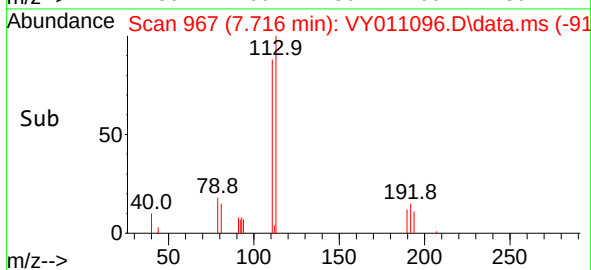
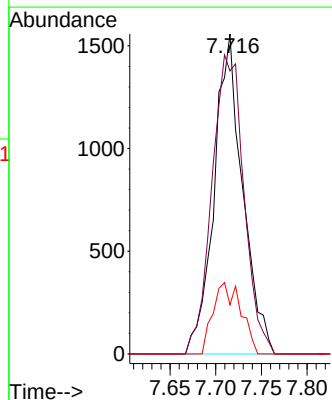
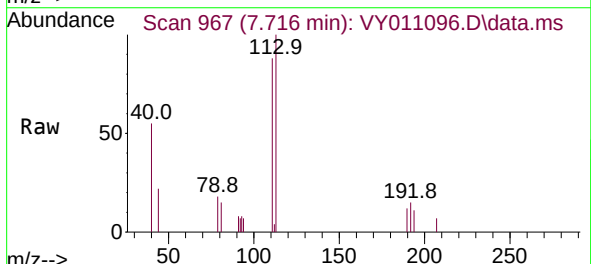
Instrument :
MSVOA_Y
ClientSampleId :
SB-F1-14.5-15.0RE

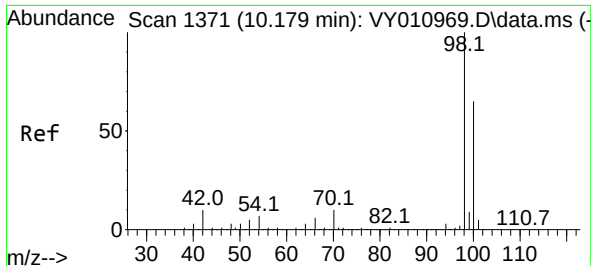
Tgt Ion:	114	Resp:	21846
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	43.2
88	16.0	0.0	31.8



#35
Dibromofluoromethane
Concen: 26.737 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011096.D
Acq: 25 Oct 2022 16:04

Tgt Ion:	113	Resp:	3378
Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.6	124.0
192	21.7	17.6	26.4

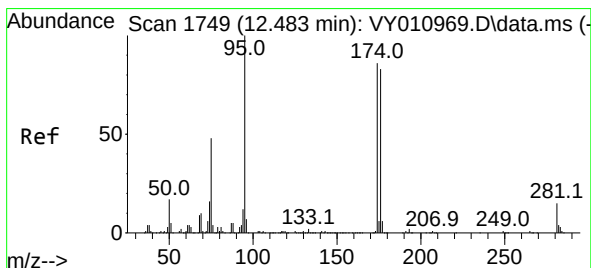
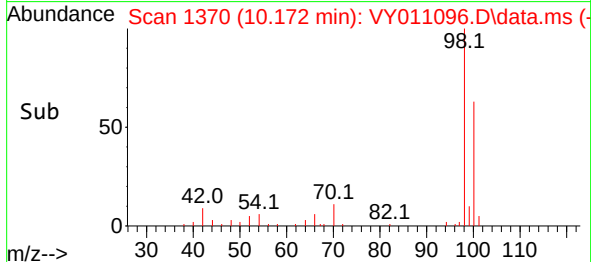
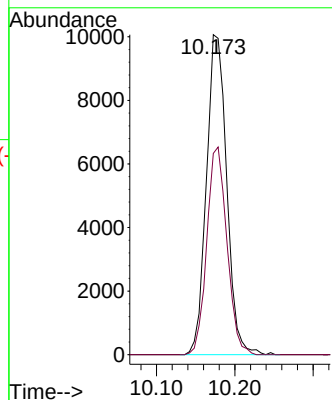
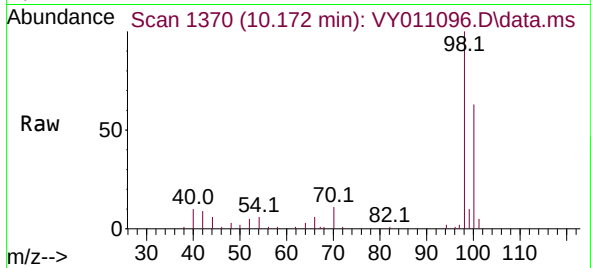




#50
Toluene-d8
Concen: 39.744 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011096.D
Acq: 25 Oct 2022 16:04

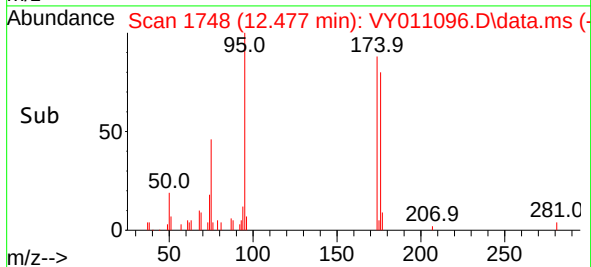
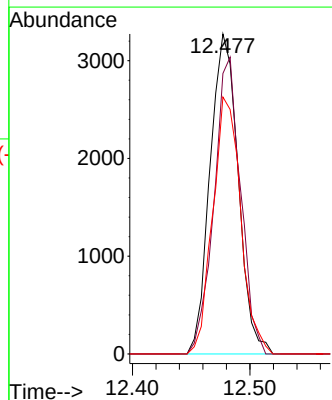
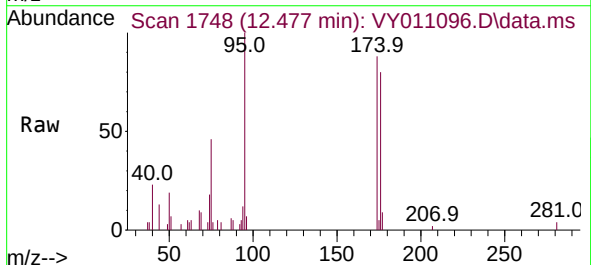
Instrument :
MSVOA_Y
ClientSampleId :
SB-F1-14.5-15.0RE

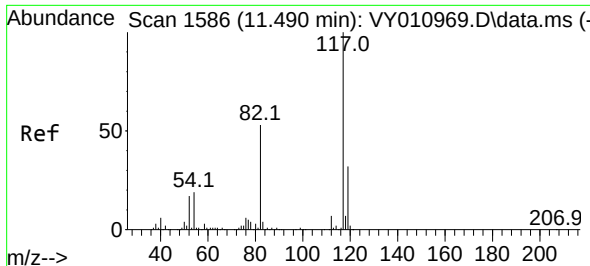
Tgt Ion: 98 Resp: 18129
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.546 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011096.D
Acq: 25 Oct 2022 16:04

Tgt Ion: 95 Resp: 5432
Ion Ratio Lower Upper
95 100
174 87.7 0.0 177.0
176 79.9 0.0 175.8

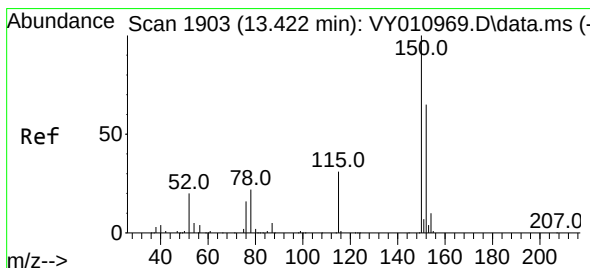
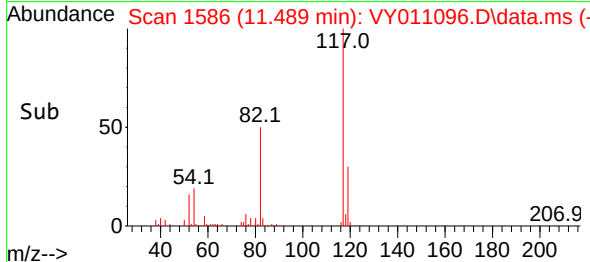
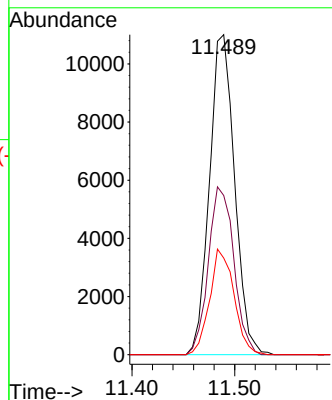
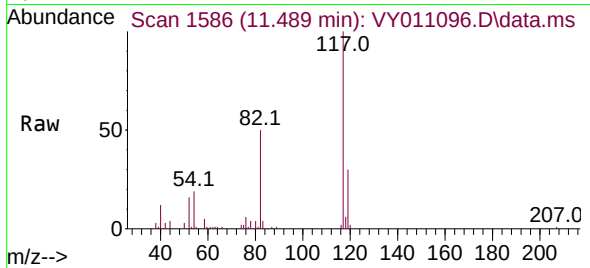




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011096.D
Acq: 25 Oct 2022 16:04

Instrument :
MSVOA_Y
ClientSampleId :
SB-F1-14.5-15.0RE

Tgt Ion:117	Resp:	18674
Ion Ratio	Lower	Upper
117	100	
82	49.7	43.0 64.4
119	30.2	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011096.D
Acq: 25 Oct 2022 16:04

Tgt Ion:152	Resp:	6534
Ion Ratio	Lower	Upper
152	100	
115	57.0	28.2 84.7
150	152.8	0.0 347.6

