

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121024\
 Data File : VY020572.D
 Acq On : 10 Dec 2024 16:33
 Operator : SY/MD
 Sample : P5223-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 00:51:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

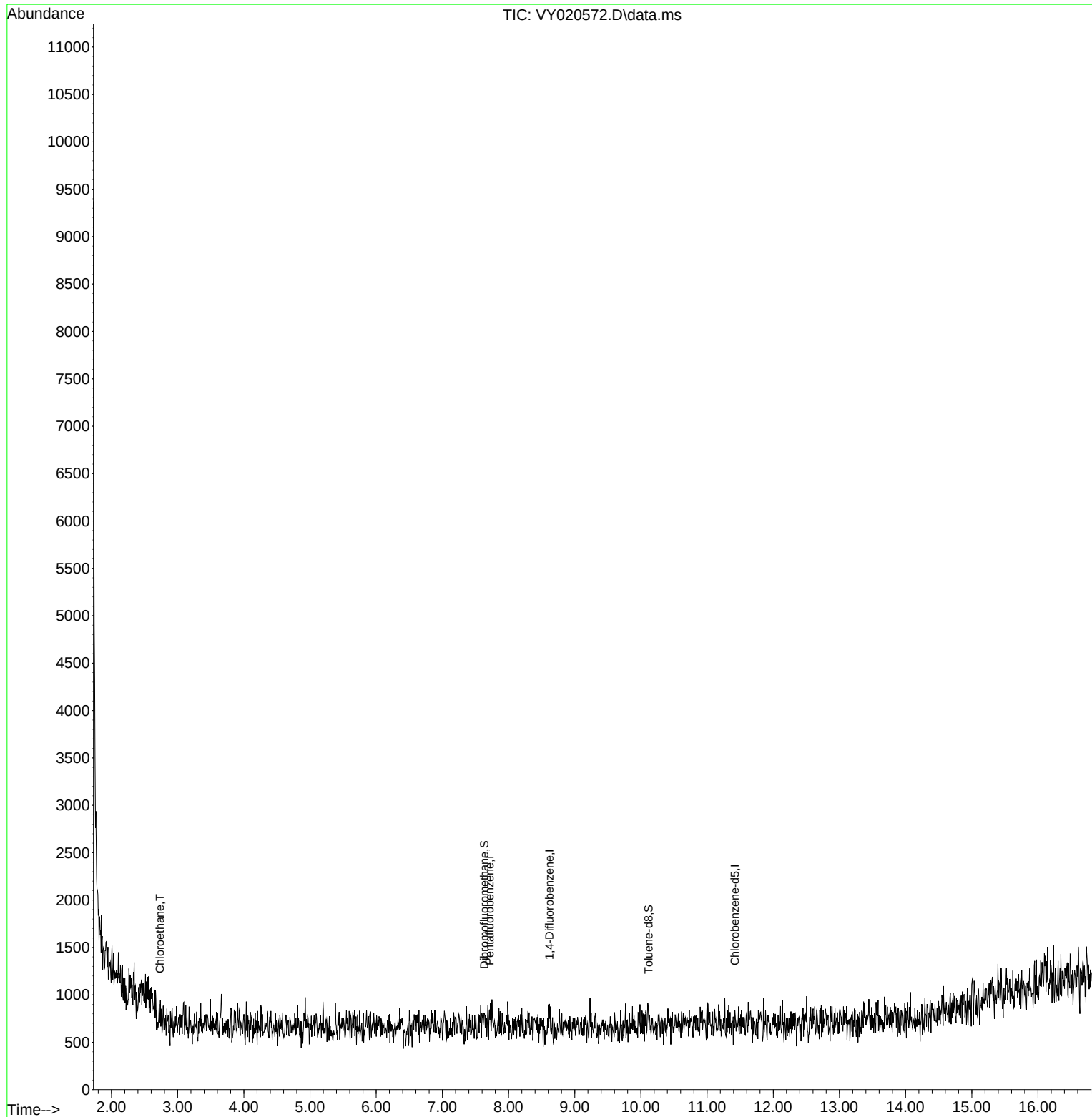
Internal Standards						
1) Pentafluorobenzene	7.713	168	137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	30	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.35
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	7.634	113	88	70.597	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	141.200%
50) Toluene-d8	10.115	98	174	36.659	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.320%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
6) Chloroethane	2.732	64	103	121.815	ug/l #	43

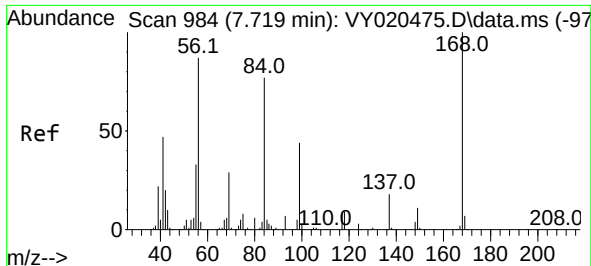
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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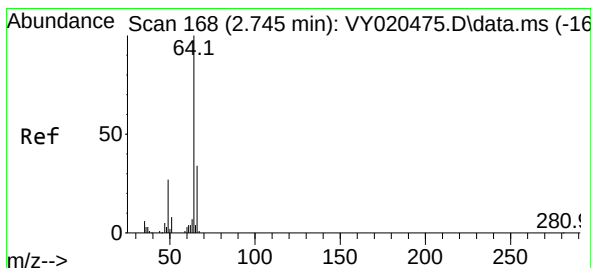
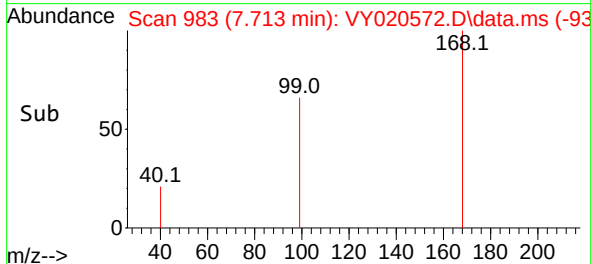
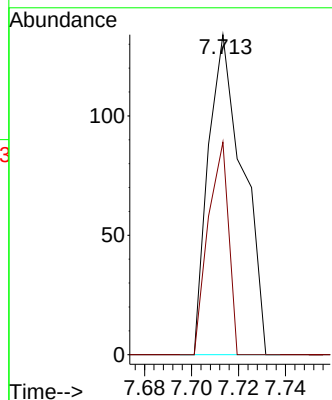
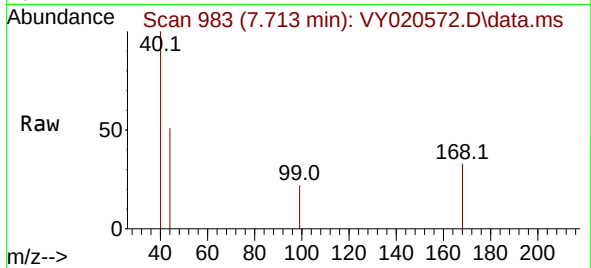




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020572.D
Acq: 10 Dec 2024 16:33

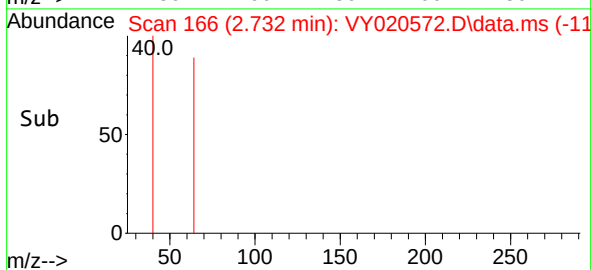
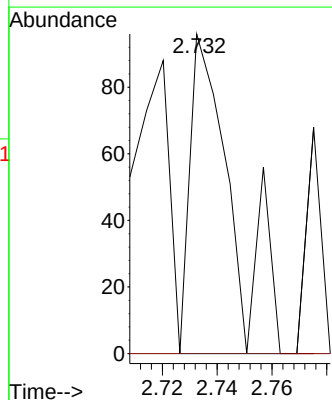
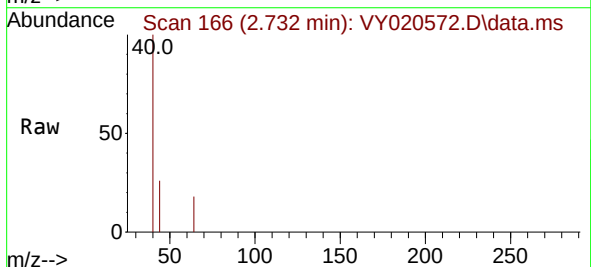
Instrument :
MSVOA_Y
ClientSampleId :

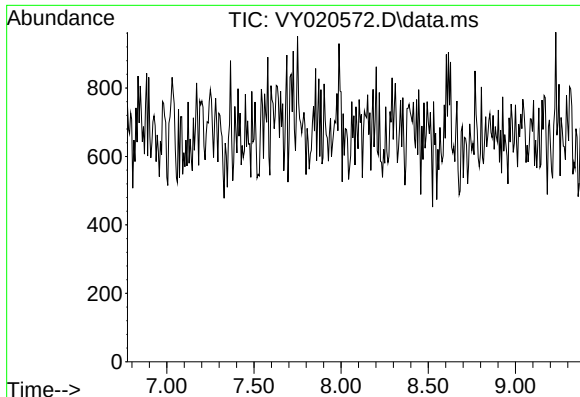
Tgt Ion:168 Resp: 137
Ion Ratio Lower Upper
168 100
99 66.4 46.6 69.8



#6
Chloroethane
Concen: 121.815 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.012 min
Lab File: VY020572.D
Acq: 10 Dec 2024 16:33

Tgt Ion: 64 Resp: 103
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#

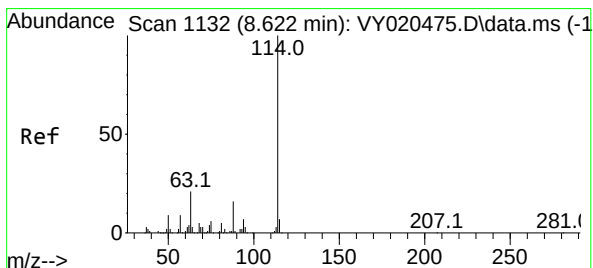
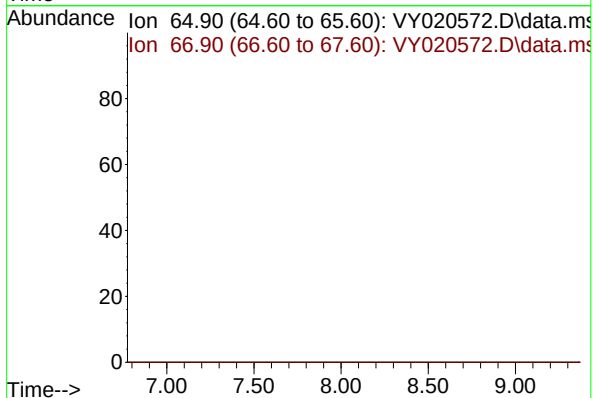




#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.07 min
 Lab File: VY020572.D
 Acq: 10 Dec 2024 16:33

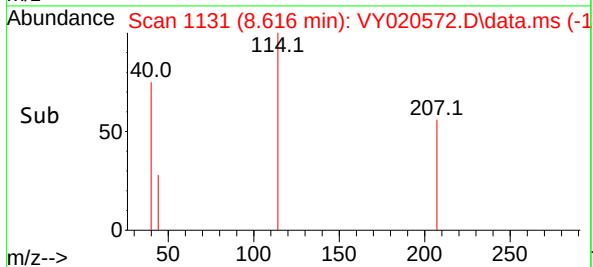
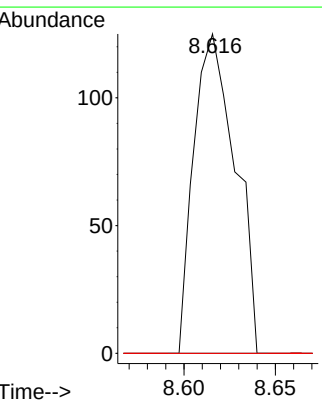
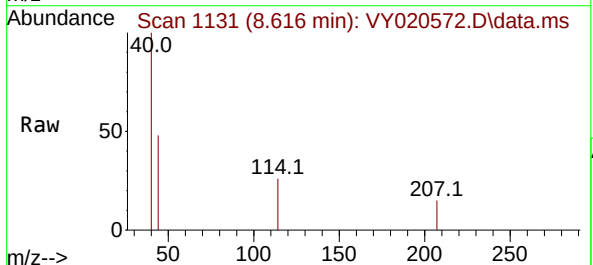
Instrument :
 MSVOA_Y
 ClientSampleId :

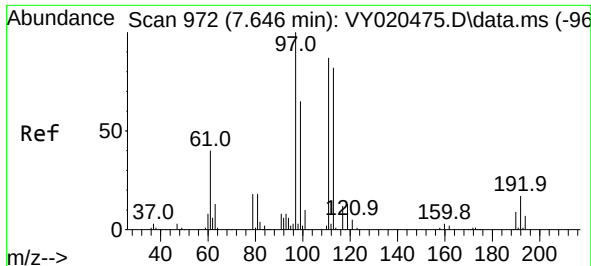
Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 52.9



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.006 min
 Lab File: VY020572.D
 Acq: 10 Dec 2024 16:33

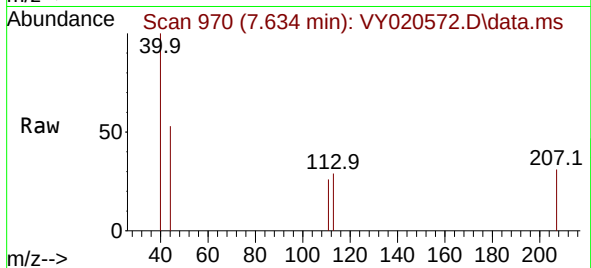
Tgt Ion: 114 Resp: 198
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 44.8
 88 0.0 0.0 32.0



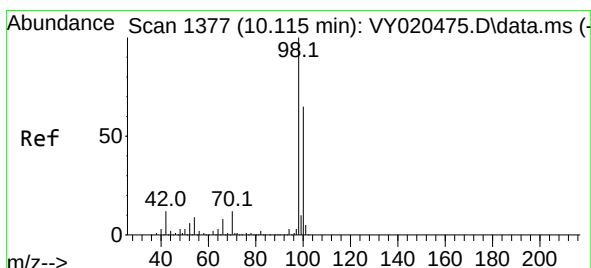
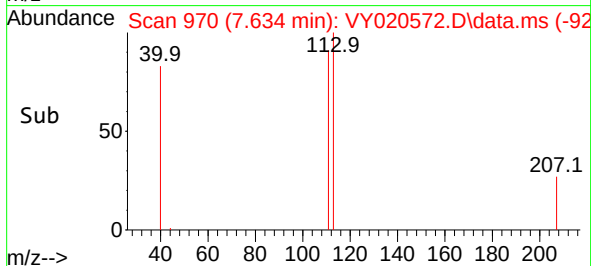
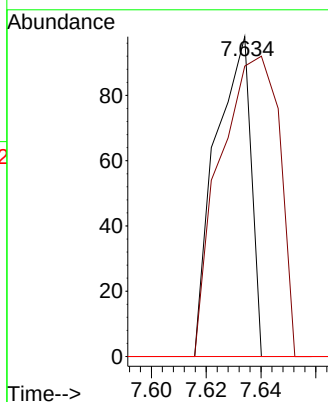


#35
Dibromofluoromethane
Concen: 70.597 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020572.D
Acq: 10 Dec 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :

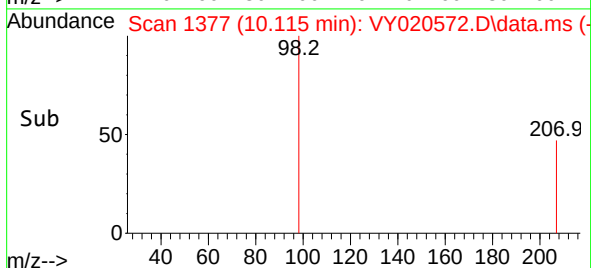
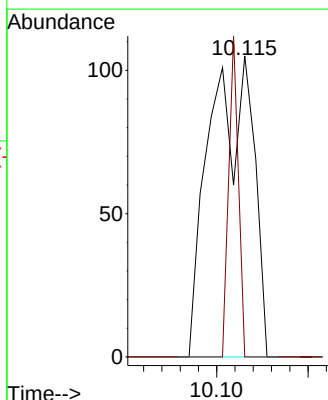
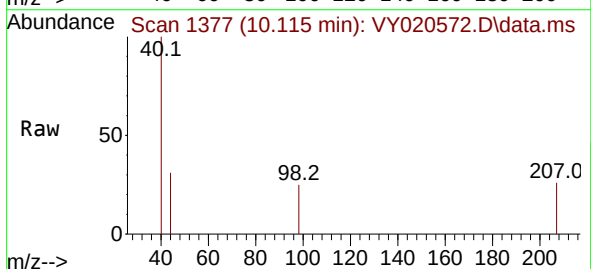


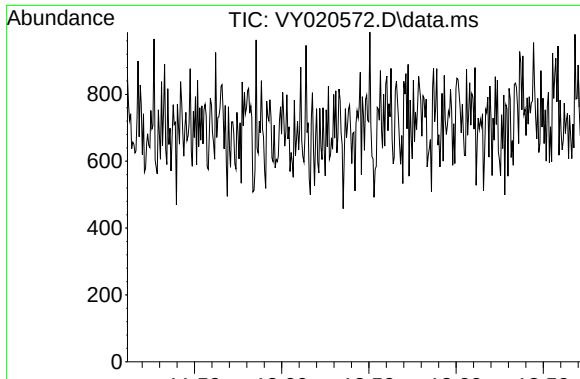
Tgt Ion:113 Resp: 88
Ion Ratio Lower Upper
113 100
111 156.8 81.4 122.0#
192 0.0 15.1 22.7#



#50
Toluene-d8
Concen: 36.659 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VY020572.D
Acq: 10 Dec 2024 16:33

Tgt Ion: 98 Resp: 174
Ion Ratio Lower Upper
98 100
100 23.6 51.3 76.9#



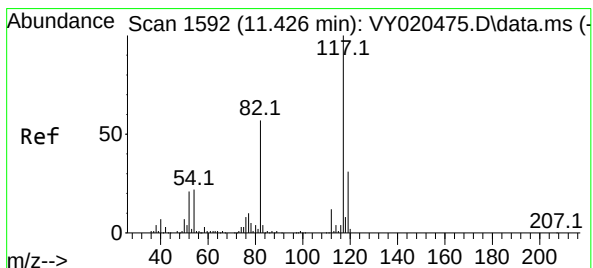
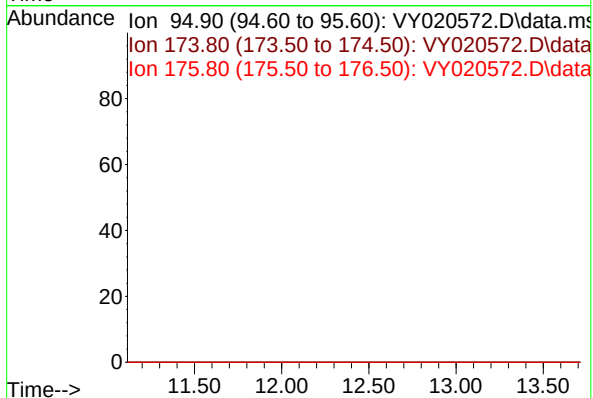


#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.41 min
 Lab File: VY020572.D
 Acq: 10 Dec 2024 16:33

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 95

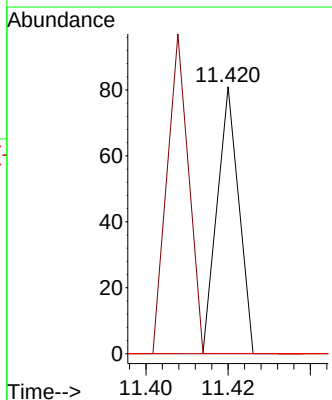
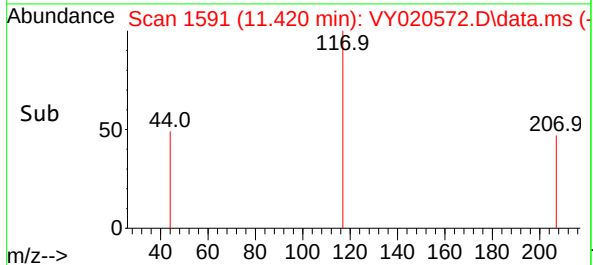
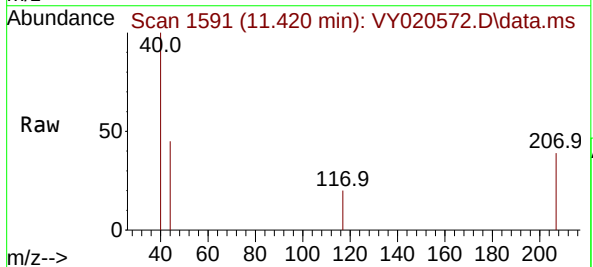
Sig	Exp Ratio
95	100
174	78.4
176	76.0

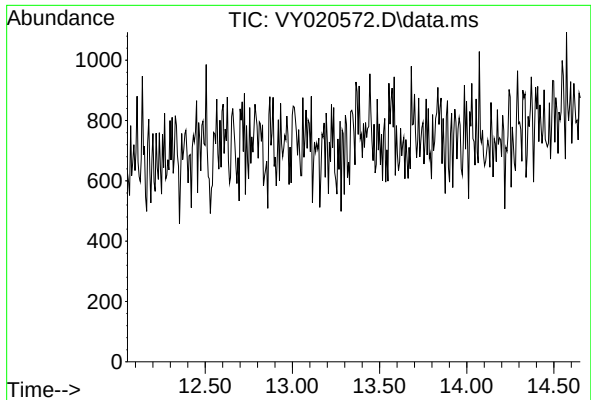


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.420 min Scan# 1591
 Delta R.T. -0.006 min
 Lab File: VY020572.D
 Acq: 10 Dec 2024 16:33

Tgt Ion: 117 Resp: 30

Ion	Ratio	Lower	Upper
117	100		
82	0.0	48.2	72.4#
119	0.0	25.8	38.8#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.35 min
Lab File: VY020572.D
Acq: 10 Dec 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 152
Sig Exp Ratio
152 100
115 60.0
150 174.1

