

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020533.D
 Acq On : 06 Dec 2024 13:57
 Operator : SY/MD
 Sample : P5098-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 03:25:07 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)

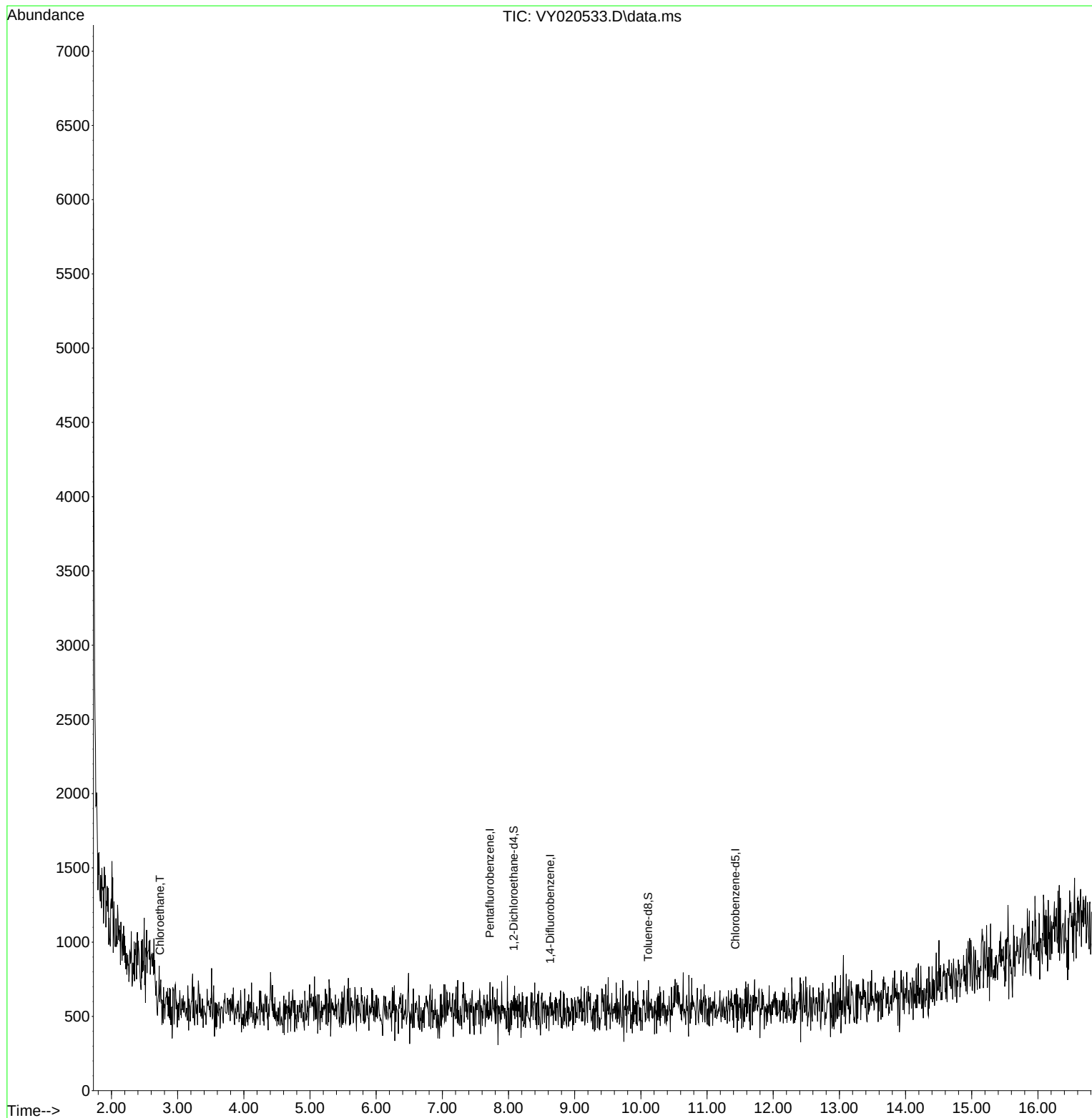
Internal Standards						
1) Pentafluorobenzene	7.720	168	84	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.628	114	99	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	46	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.35
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	67	78.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.860%
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.109	98	49	20.647	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	41.300%#
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	2.733	64	118	227.608	ug/l	# 43

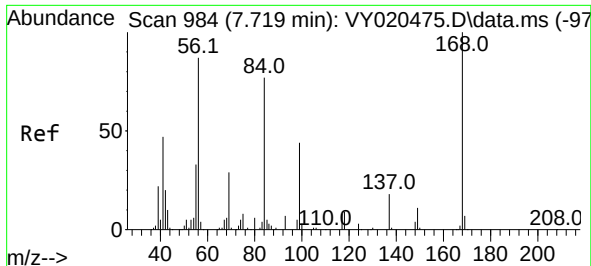
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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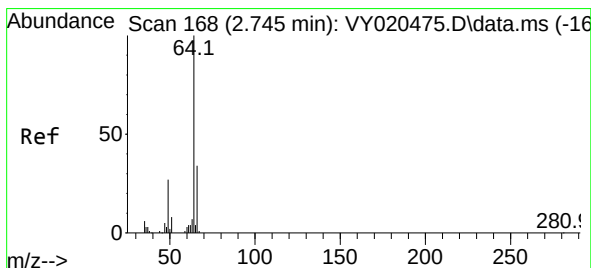
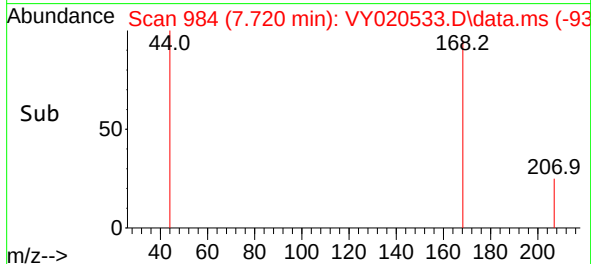
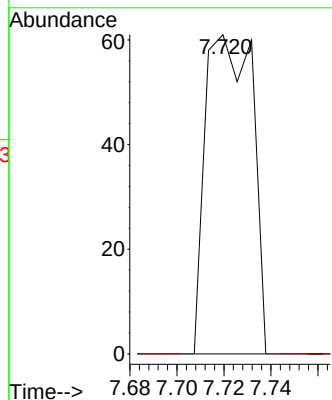
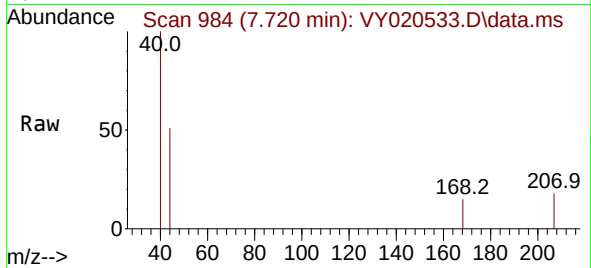




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY020533.D
Acq: 06 Dec 2024 13:57

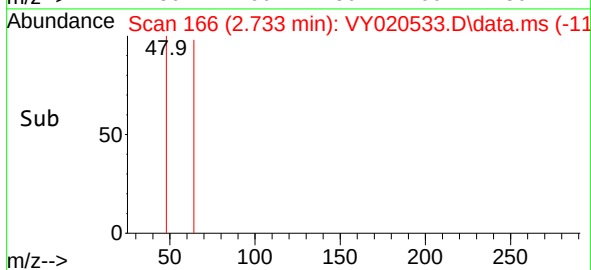
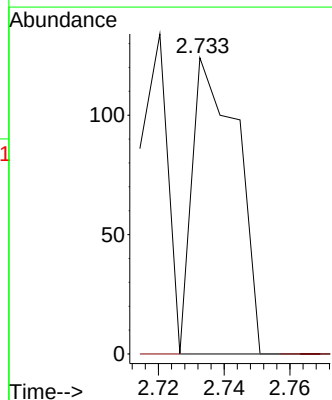
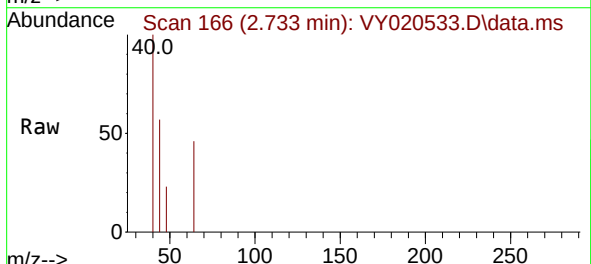
Instrument :
MSVOA_Y
ClientSampleId :

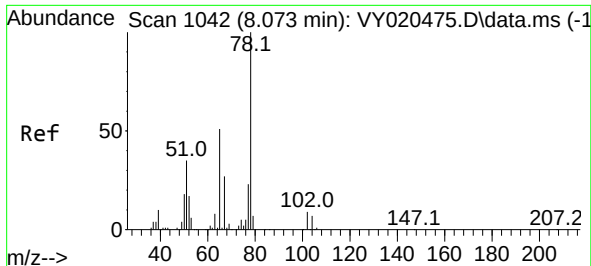
Tgt Ion:168 Resp: 84
Ion Ratio Lower Upper
168 100
99 0.0 46.6 69.8#



#6
Chloroethane
Concen: 227.608 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.012 min
Lab File: VY020533.D
Acq: 06 Dec 2024 13:57

Tgt Ion: 64 Resp: 118
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#





#33

1,2-Dichloroethane-d4

Concen: 78.427 ug/l

RT: 8.079 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY020533.D

Acq: 06 Dec 2024 13:57

Instrument :

MSVOA_Y

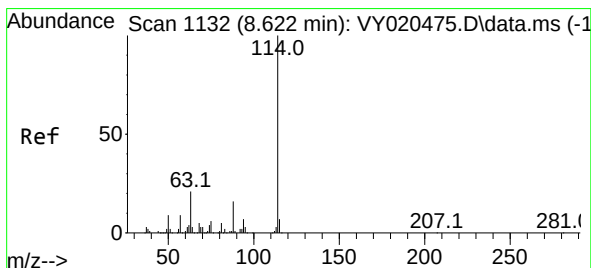
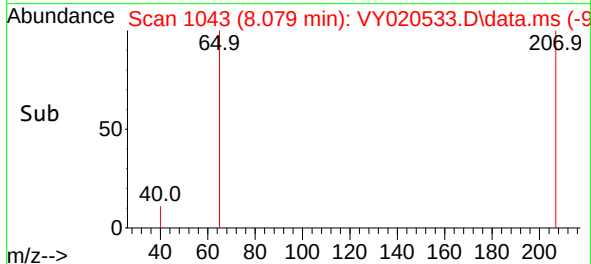
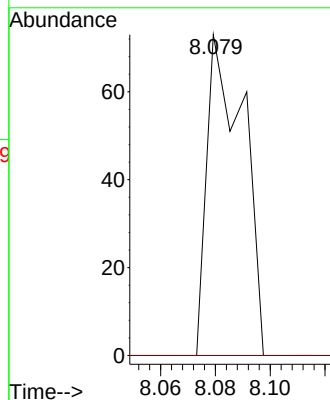
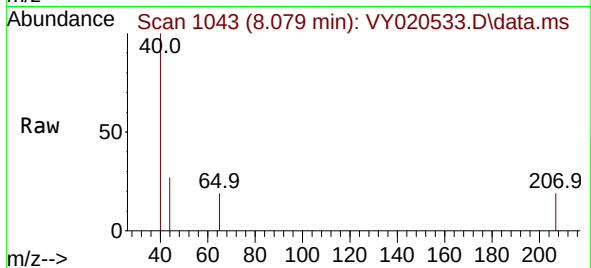
ClientSampleId :

Tgt Ion: 65 Resp: 67

Ion Ratio Lower Upper

65 100

67 0.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020533.D

Acq: 06 Dec 2024 13:57

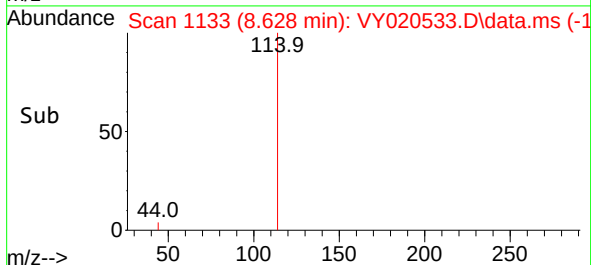
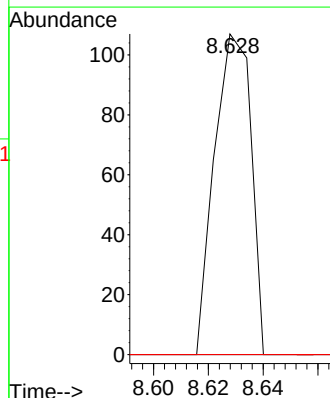
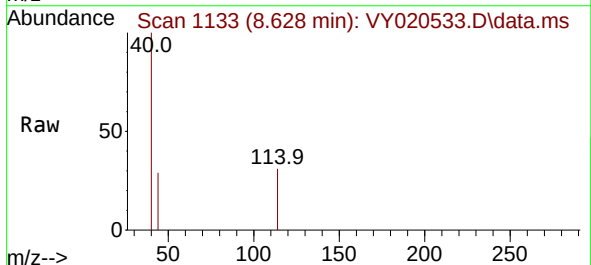
Tgt Ion:114 Resp: 99

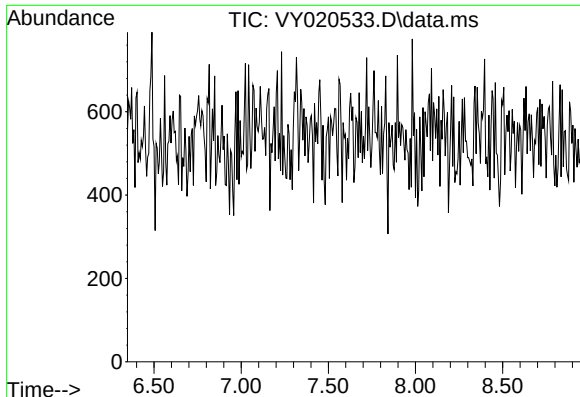
Ion Ratio Lower Upper

114 100

63 0.0 0.0 44.8

88 0.0 0.0 32.0



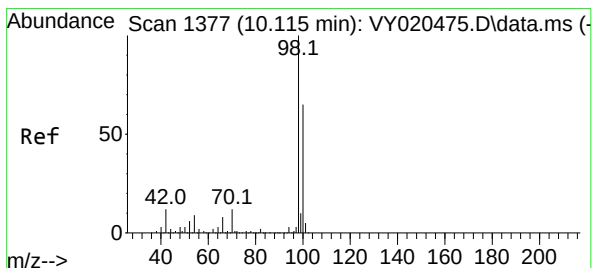
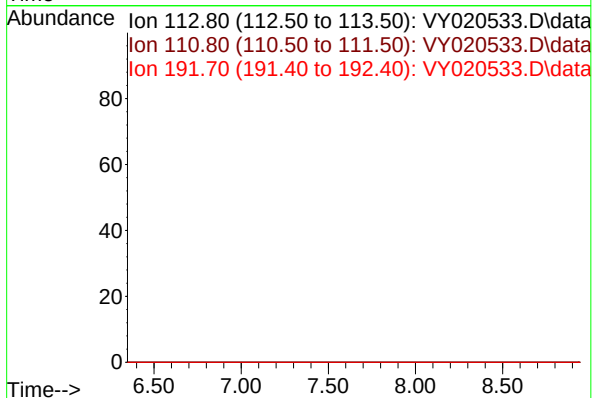


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.65 min
 Lab File: VY020533.D
 Acq: 06 Dec 2024 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 113

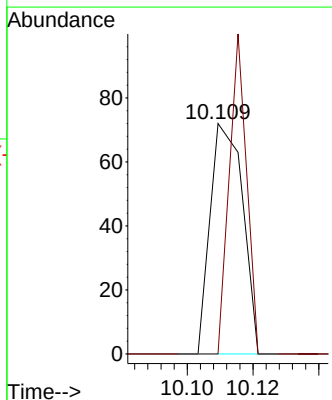
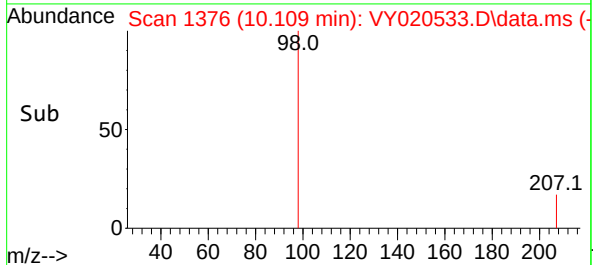
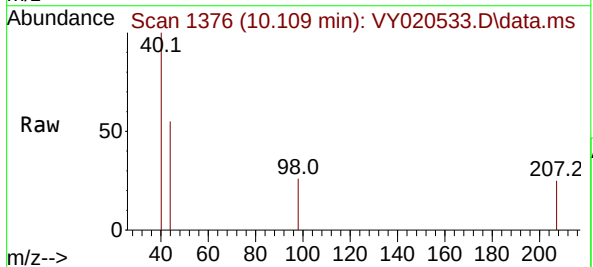
Sig	Exp Ratio
113	100
111	101.7
192	18.9

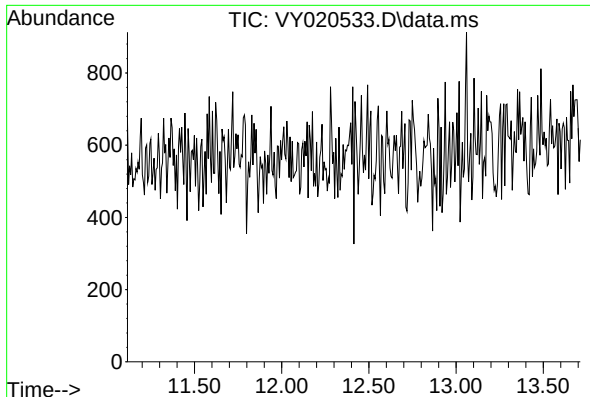


#50
 Toluene-d8
 Concen: 20.647 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. -0.006 min
 Lab File: VY020533.D
 Acq: 06 Dec 2024 13:57

Tgt Ion: 98 Resp: 49

Ion	Ratio	Lower	Upper
98	100		
100	75.5	51.3	76.9



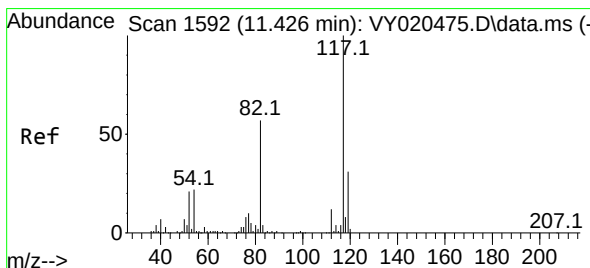
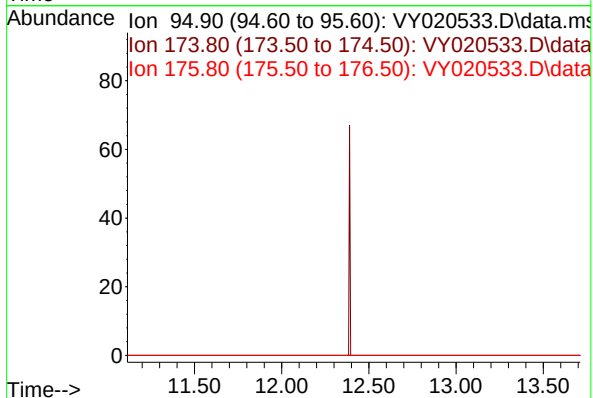


#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.41 min
 Lab File: VY020533.D
 Acq: 06 Dec 2024 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 95

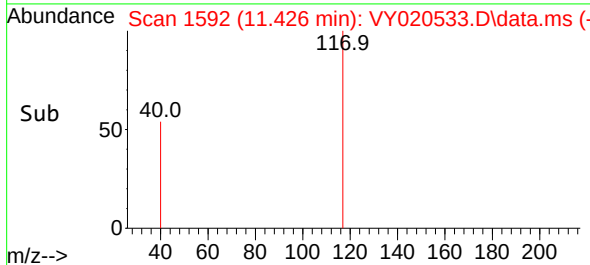
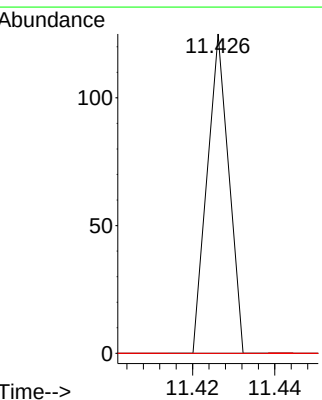
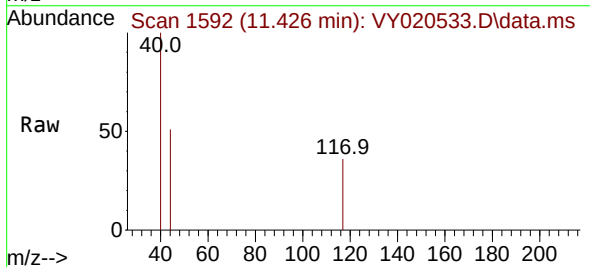
Sig	Exp Ratio
95	100
174	78.4
176	76.0

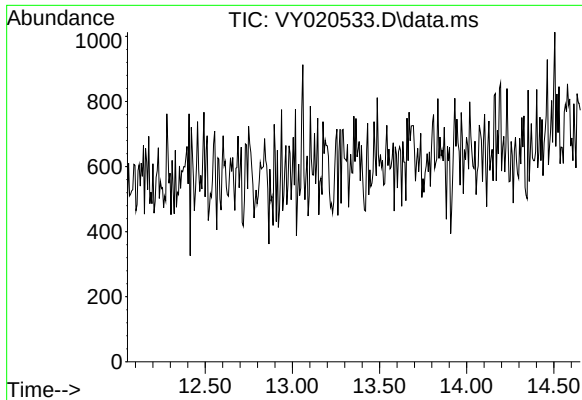


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.426 min Scan# 1592
 Delta R.T. 0.000 min
 Lab File: VY020533.D
 Acq: 06 Dec 2024 13:57

Tgt Ion: 117 Resp: 46

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: VY020533.D
Acq: 06 Dec 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :

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

