

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021467.D
 Acq On : 07 Mar 2025 17:36
 Operator : SY/MD
 Sample : Q1508-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR251372

Quant Time: Mar 07 22:03:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	71682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	105164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	75322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	20414	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	31645	41.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.540%
35) Dibromofluoromethane	7.634	113	34830	50.386	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.780%
50) Toluene-d8	10.109	98	120244	45.942	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.880%
62) 4-Bromofluorobenzene	12.407	95	24546	27.570	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.140%

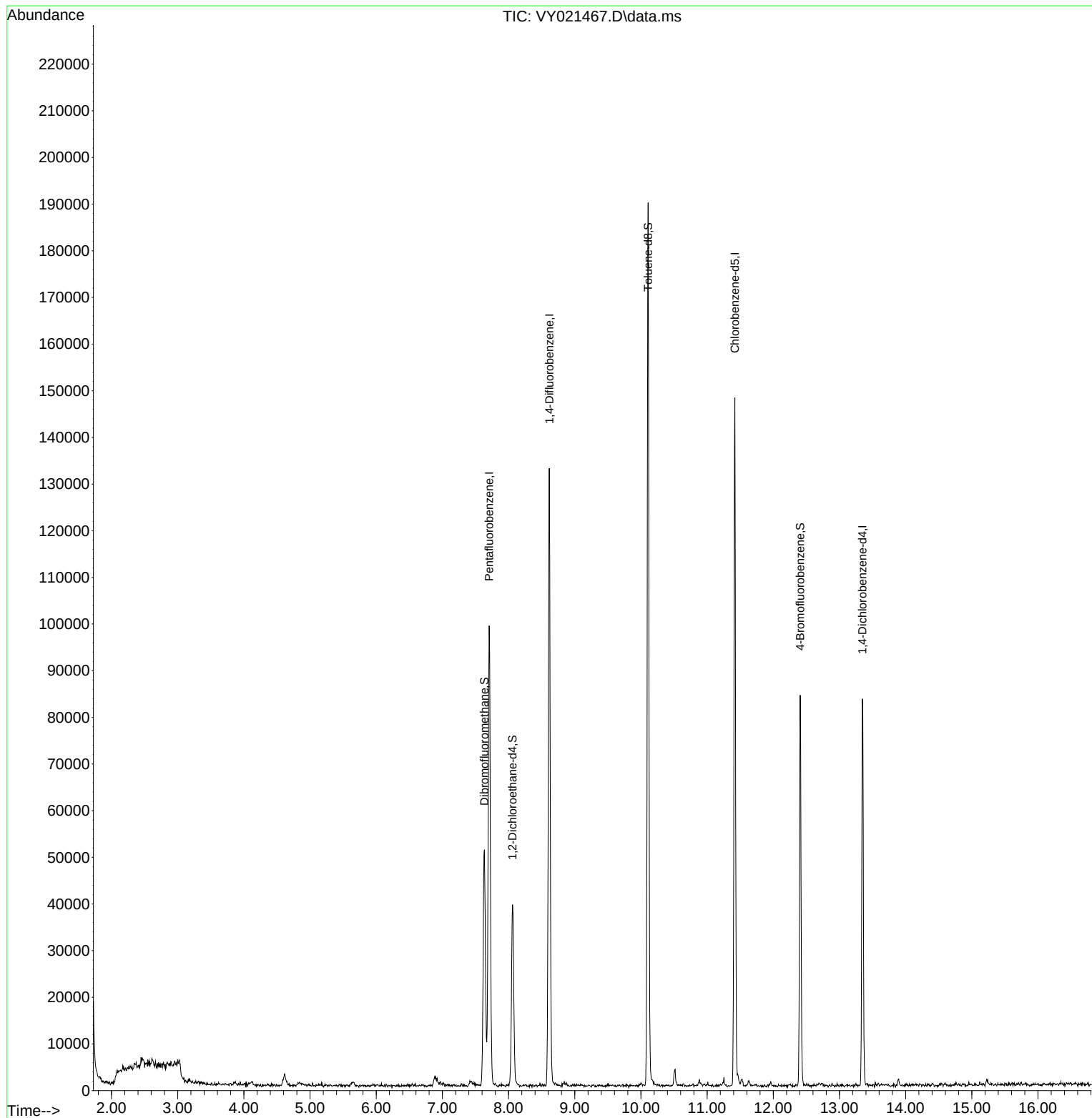
Target Compounds	Qvalue

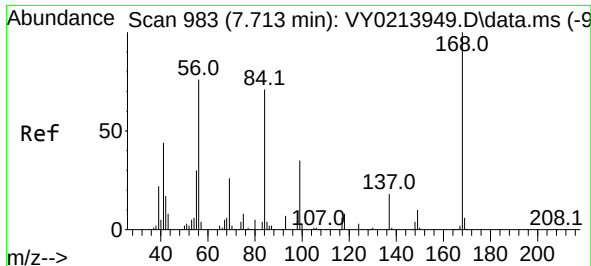
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021467.D
Acq On : 07 Mar 2025 17:36
Operator : SY/MD
Sample : Q1508-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RBR251372

Quant Time: Mar 07 22:03:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

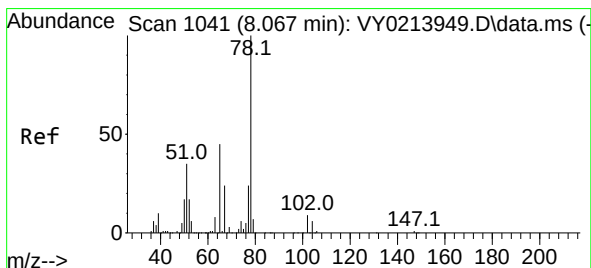
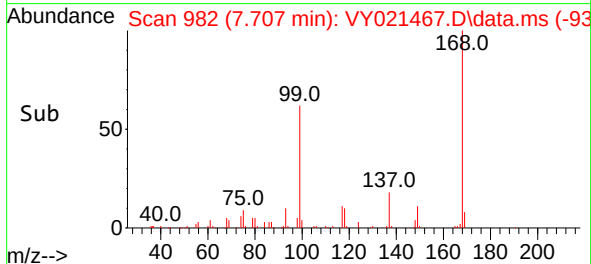
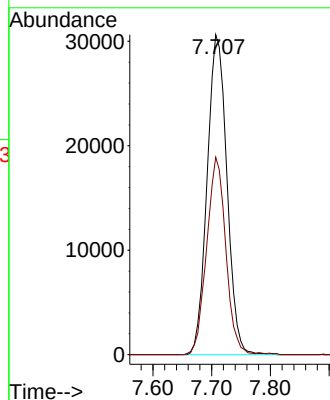
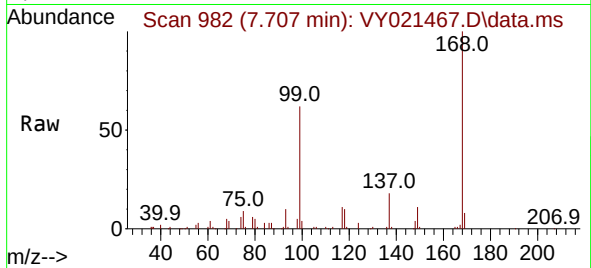




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021467.D
Acq: 07 Mar 2025 17:36

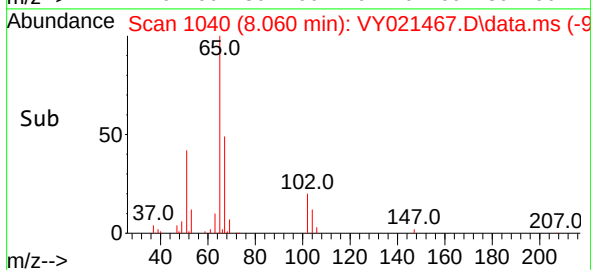
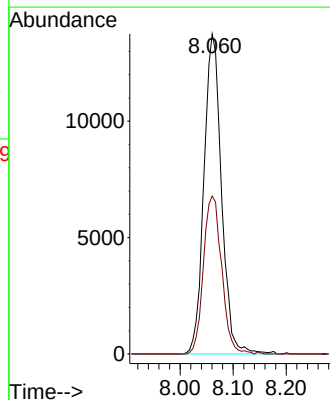
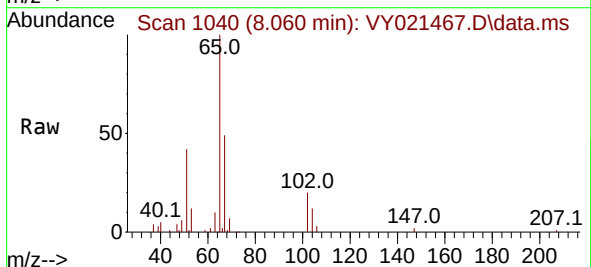
Instrument :
MSVOA_Y
ClientSampleId :
RBR251372

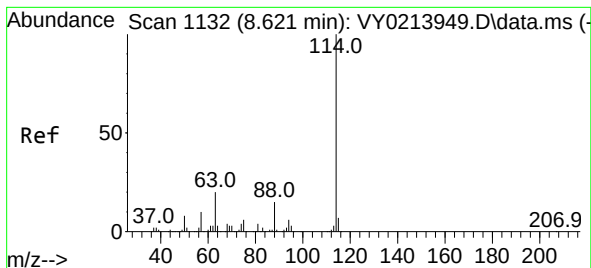
Tgt Ion:168 Resp: 71682
Ion Ratio Lower Upper
168 100
99 61.7 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 41.768 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021467.D
Acq: 07 Mar 2025 17:36

Tgt Ion: 65 Resp: 31645
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021467.D

Acq: 07 Mar 2025 17:36

Instrument :

MSVOA_Y

ClientSampleId :

RBR251372

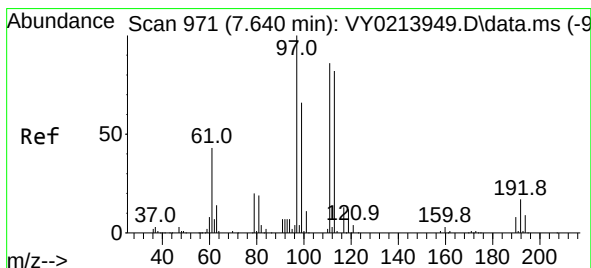
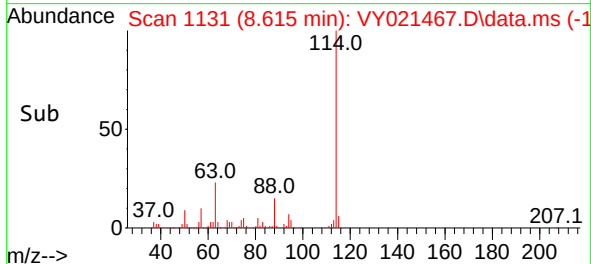
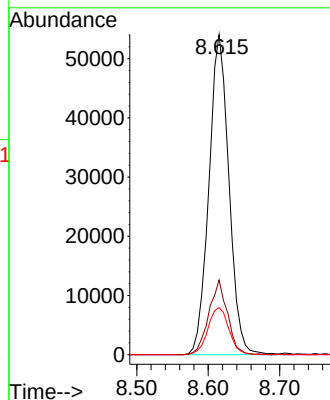
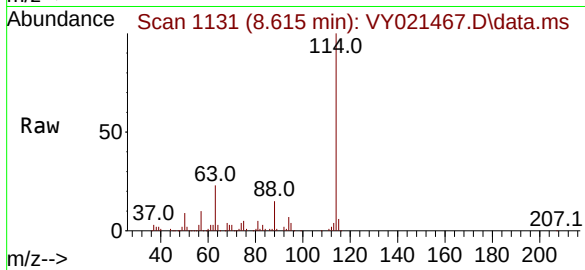
Tgt Ion:114 Resp: 105164

Ion Ratio Lower Upper

114 100

63 23.3 0.0 40.8

88 14.7 0.0 30.8



#35

Dibromofluoromethane

Concen: 50.386 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021467.D

Acq: 07 Mar 2025 17:36

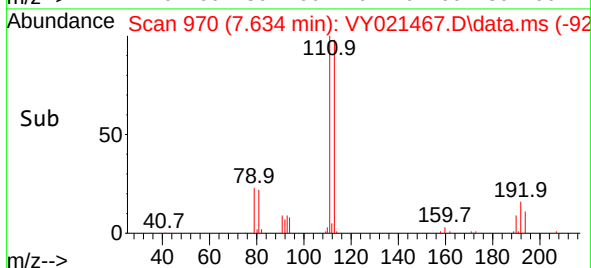
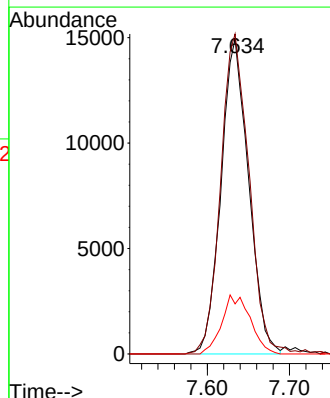
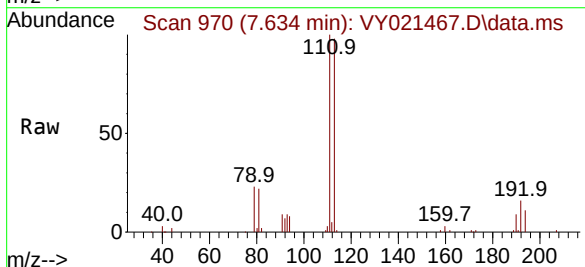
Tgt Ion:113 Resp: 34830

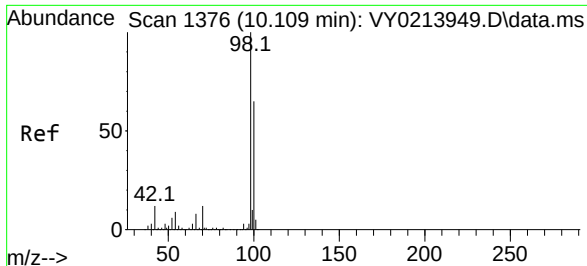
Ion Ratio Lower Upper

113 100

111 104.4 82.0 123.0

192 19.4 15.9 23.9

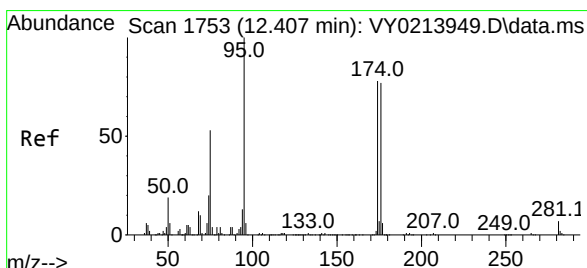
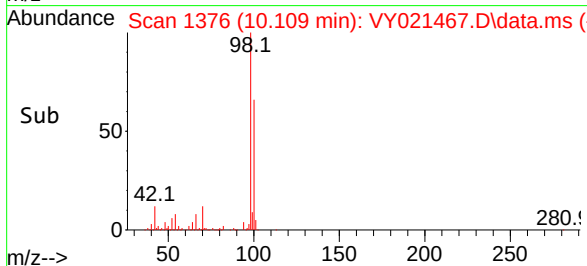
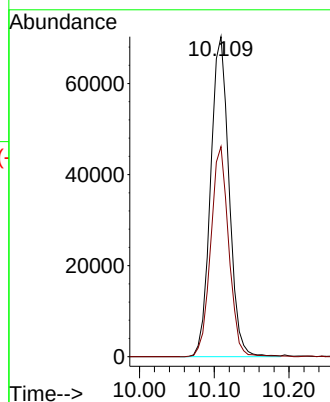
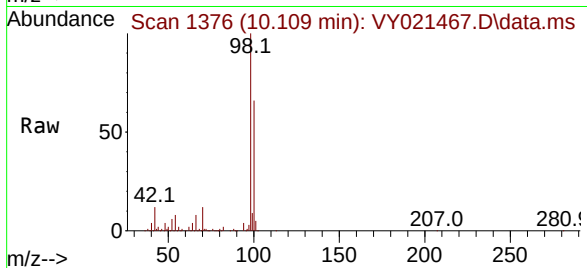




#50
Toluene-d8
Concen: 45.942 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021467.D
Acq: 07 Mar 2025 17:36

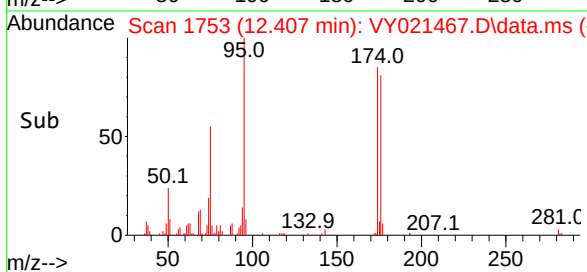
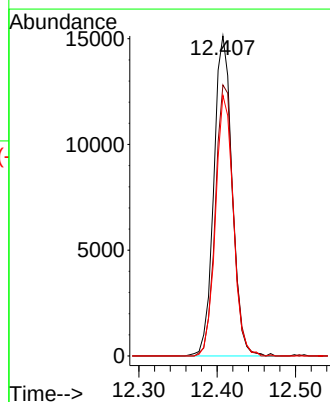
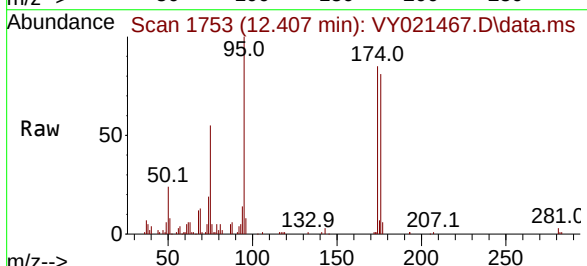
Instrument :
MSVOA_Y
ClientSampleId :
RBR251372

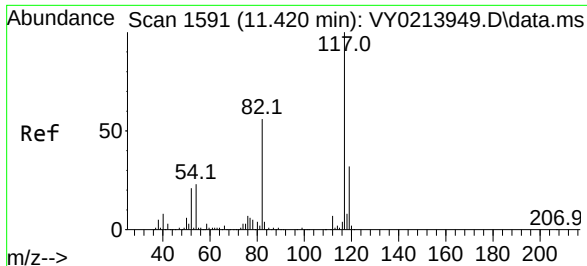
Tgt Ion: 98 Resp: 120244
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 27.570 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021467.D
Acq: 07 Mar 2025 17:36

Tgt Ion: 95 Resp: 24546
Ion Ratio Lower Upper
95 100
174 83.9 0.0 165.0
176 79.0 0.0 160.0

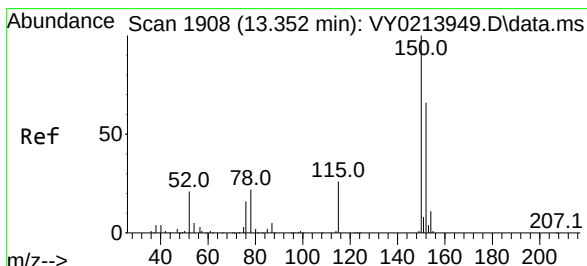
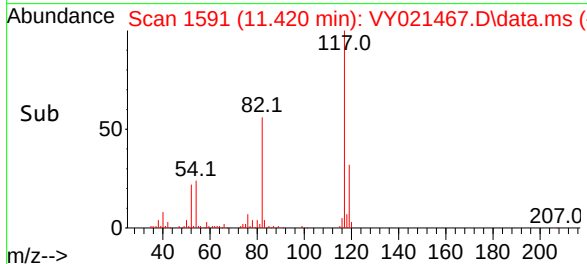
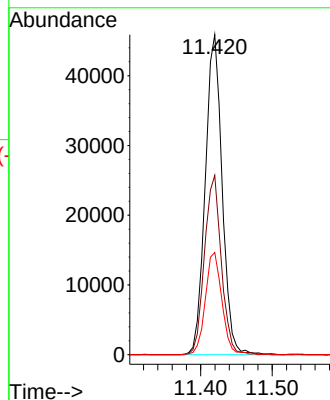
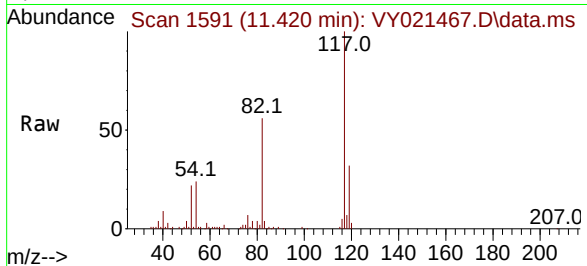




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY021467.D
Acq: 07 Mar 2025 17:36

Instrument :
MSVOA_Y
ClientSampleId :
RBR251372

Tgt Ion:	117	Resp:	75322
Ion Ratio	Lower	Upper	
117	100		
82	56.1	44.6	67.0
119	31.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021467.D
Acq: 07 Mar 2025 17:36

Tgt Ion:	152	Resp:	20414
Ion Ratio	Lower	Upper	
152	100		
115	58.5	29.0	87.0
150	162.0	0.0	347.2

