

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022291.D
 Acq On : 16 May 2025 15:15
 Operator : SY/MD
 Sample : Q2010-03
 Misc : 7.18g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14

Quant Time: May 17 01:34:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

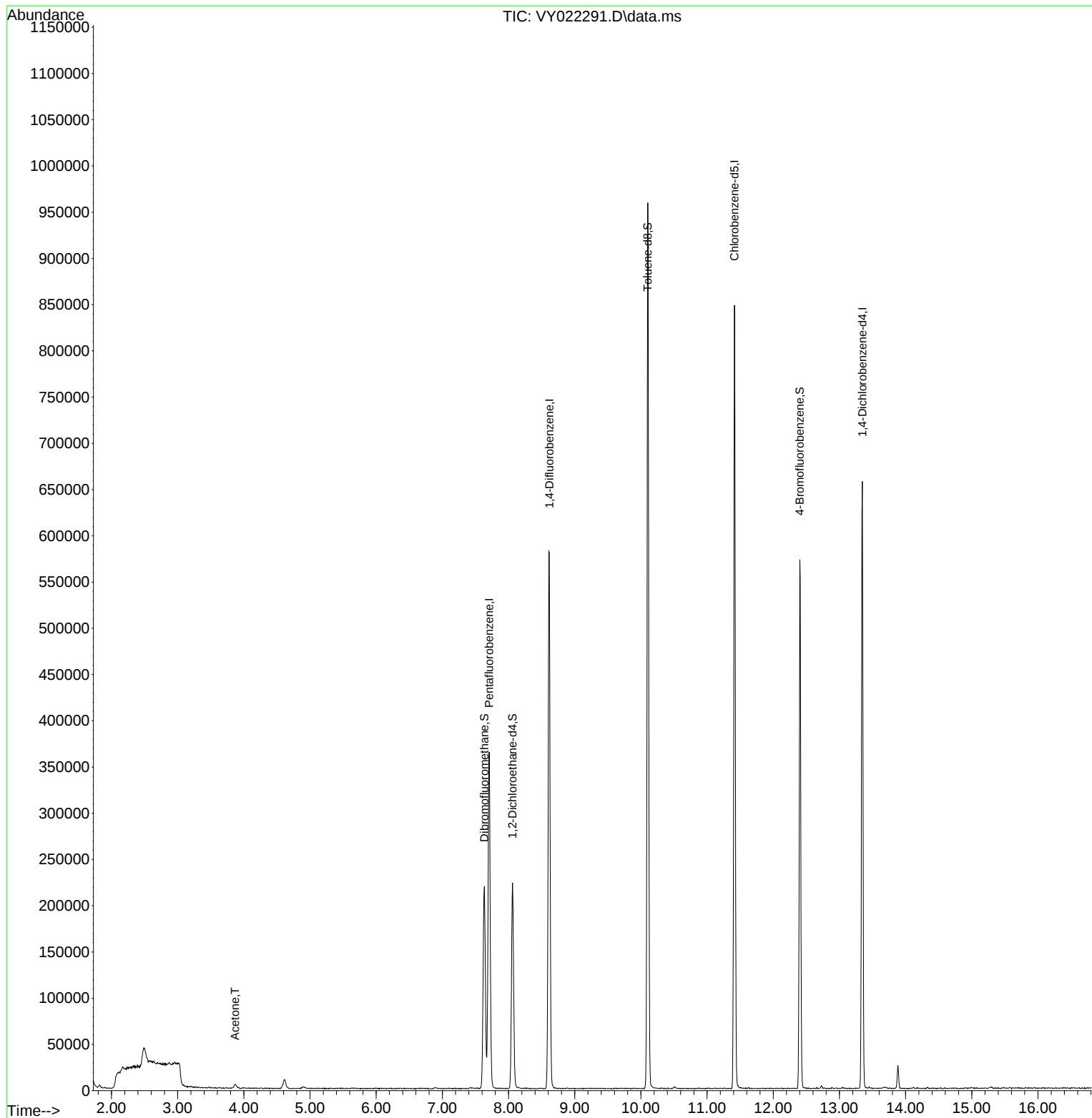
Internal Standards						
1) Pentafluorobenzene	7.707	168	268422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	485395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	403756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	155516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	164222	55.980	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.960%
35) Dibromofluoromethane	7.634	113	151447	52.275	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.540%
50) Toluene-d8	10.103	98	586282	49.411	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.402	95	161355	42.903	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.800%
Target Compounds						
16) Acetone	3.867	43	6913	12.567	ug/l	Qvalue 95

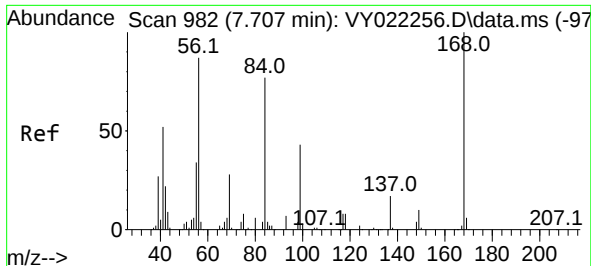
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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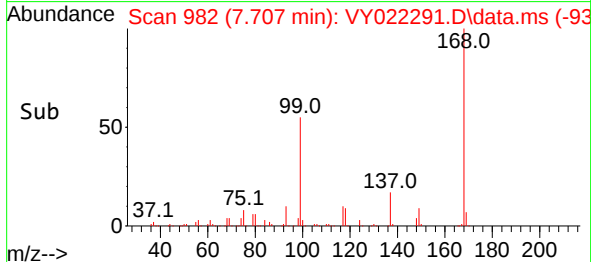
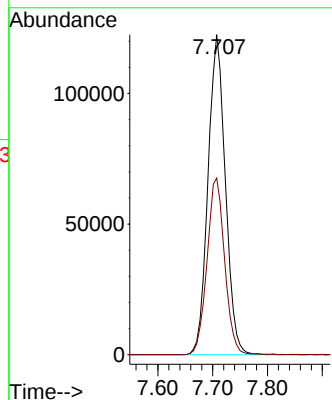
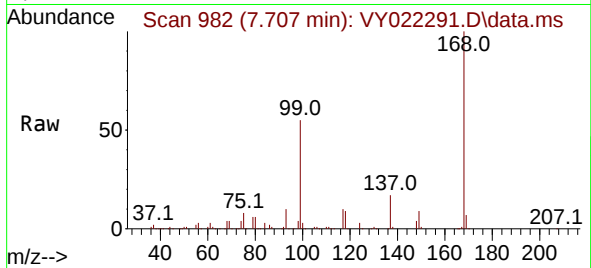




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022291.D
Acq: 16 May 2025 15:15

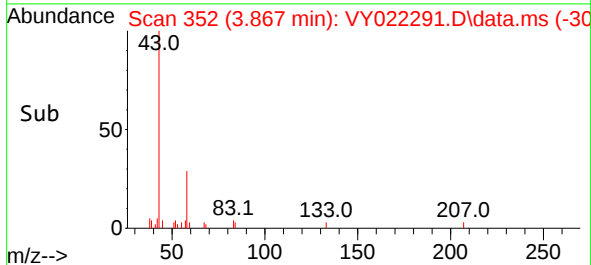
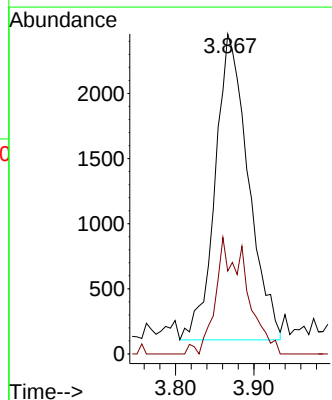
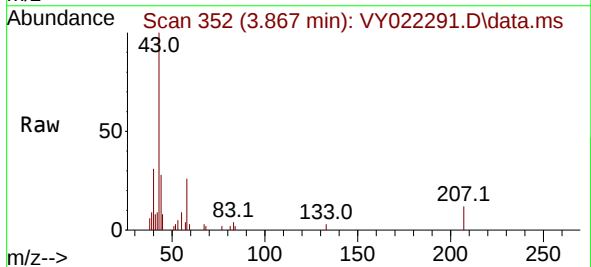
Instrument :
MSVOA_Y
ClientSampleId :
TP-14

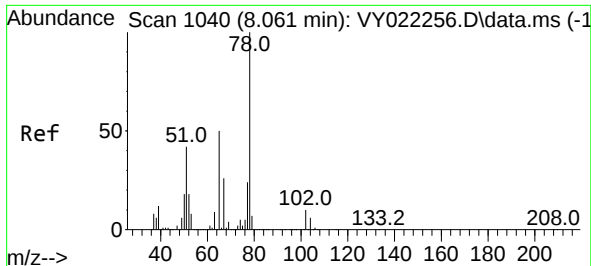
Tgt Ion:168 Resp: 268422
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4



#16
Acetone
Concen: 12.567 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY022291.D
Acq: 16 May 2025 15:15

Tgt Ion: 43 Resp: 6913
Ion Ratio Lower Upper
43 100
58 27.1 23.6 35.4





#33

1,2-Dichloroethane-d4

Concen: 55.980 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022291.D

Acq: 16 May 2025 15:15

Instrument :

MSVOA_Y

ClientSampleId :

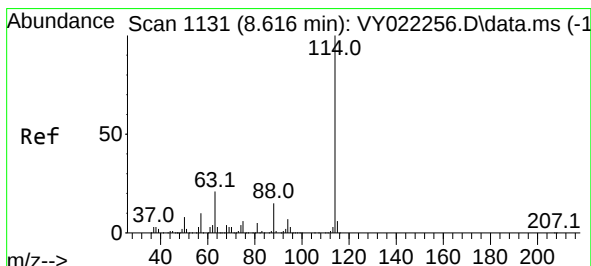
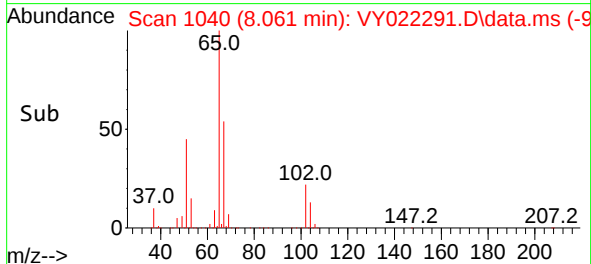
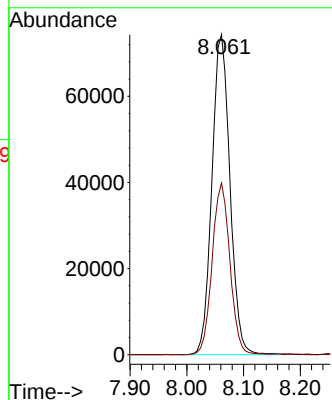
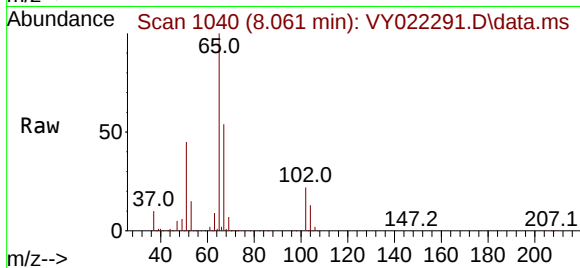
TP-14

Tgt Ion: 65 Resp: 164222

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022291.D

Acq: 16 May 2025 15:15

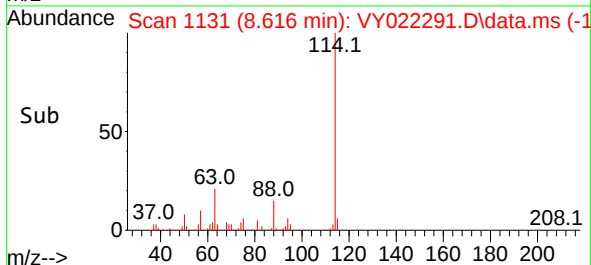
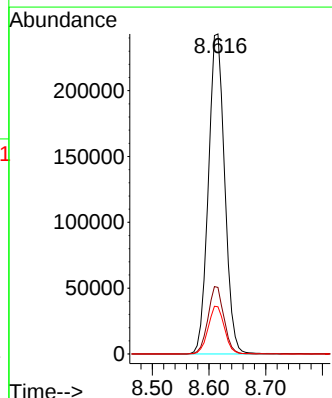
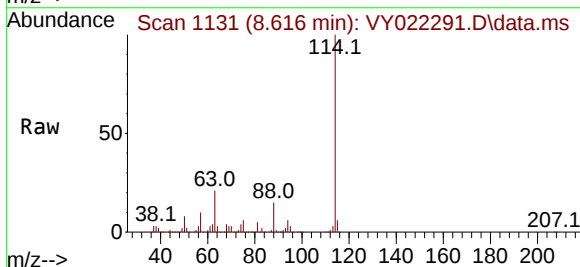
Tgt Ion: 114 Resp: 485395

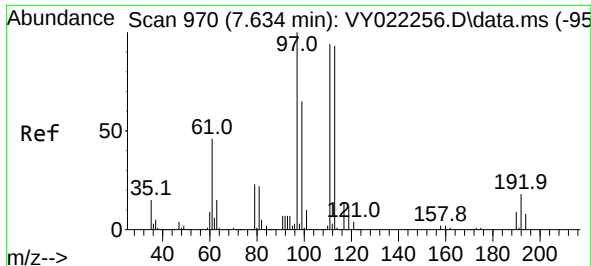
Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.0

88 14.7 0.0 29.4



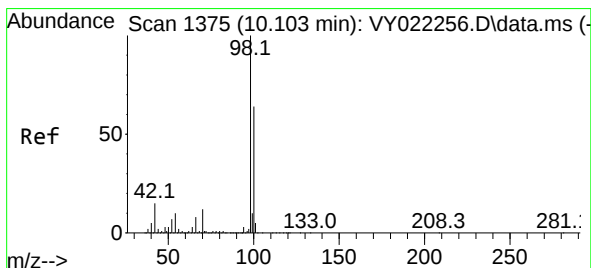
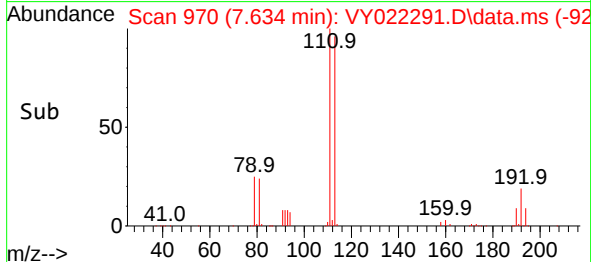
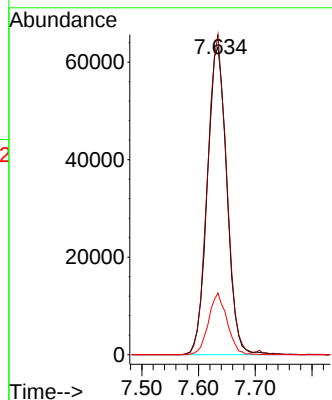
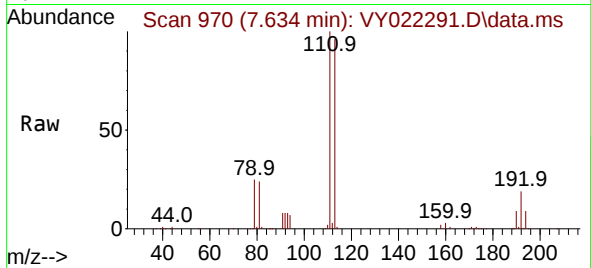


#35
 Dibromofluoromethane
 Concen: 52.275 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY022291.D
 Acq: 16 May 2025 15:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14

Tgt Ion: 113 Resp: 151447

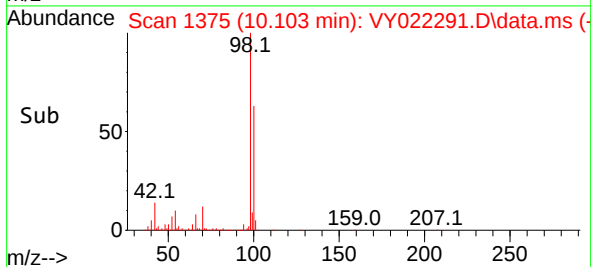
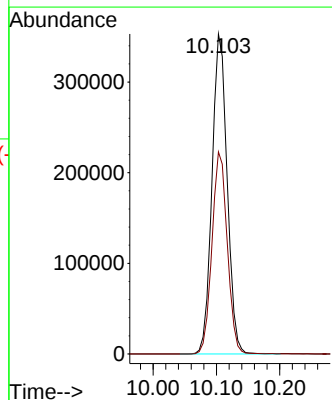
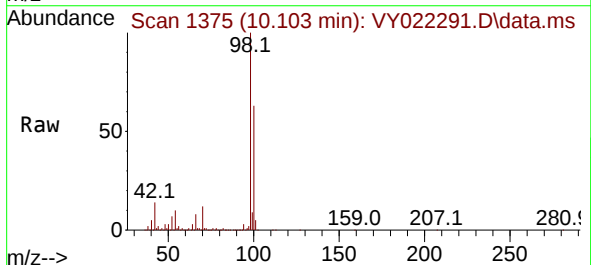
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	123.8
192	19.0	15.2	22.8

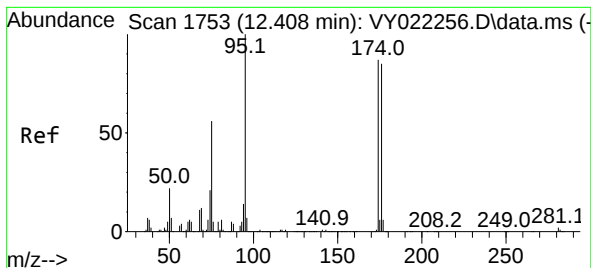


#50
 Toluene-d8
 Concen: 49.411 ug/l
 RT: 10.103 min Scan# 1375
 Delta R.T. 0.000 min
 Lab File: VY022291.D
 Acq: 16 May 2025 15:15

Tgt Ion: 98 Resp: 586282

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.8	77.8

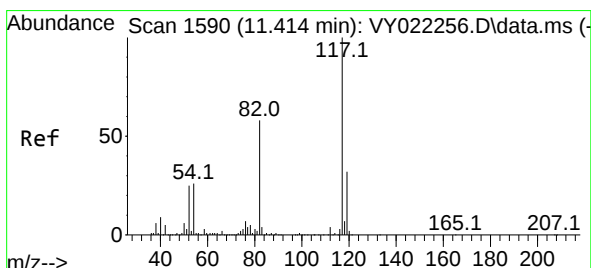
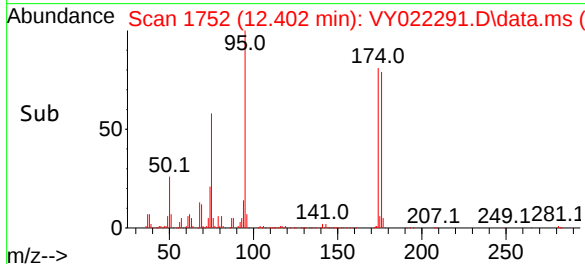
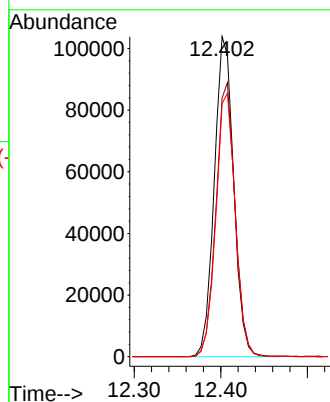
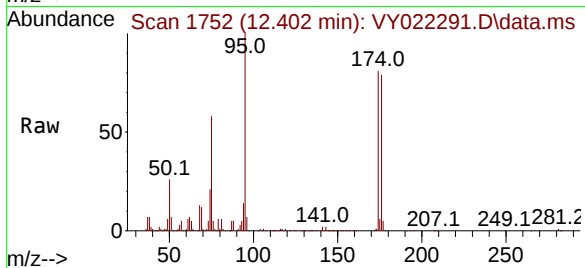




#62
4-Bromofluorobenzene
Concen: 42.903 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022291.D
Acq: 16 May 2025 15:15

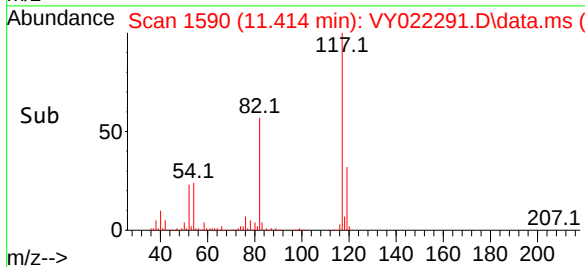
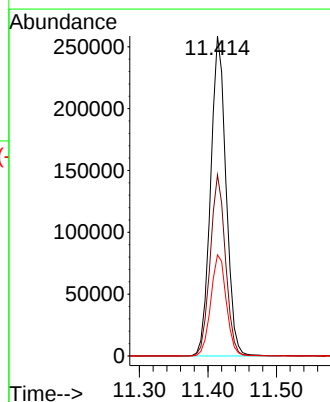
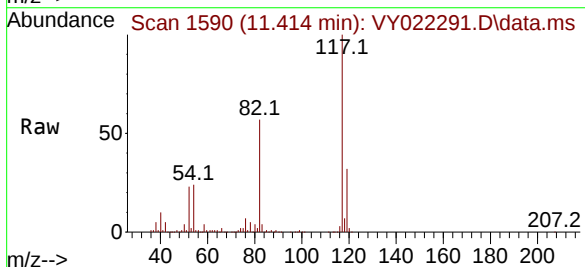
Instrument :
MSVOA_Y
ClientSampleId :
TP-14

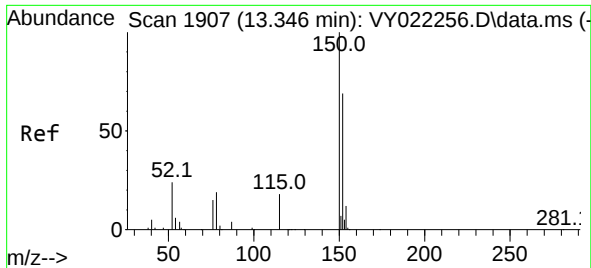
Tgt Ion: 95 Resp: 161355
Ion Ratio Lower Upper
95 100
174 84.6 0.0 166.8
176 82.4 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY022291.D
Acq: 16 May 2025 15:15

Tgt Ion: 117 Resp: 403756
Ion Ratio Lower Upper
117 100
82 56.6 46.6 70.0
119 31.6 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY022291.D
 Acq: 16 May 2025 15:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14

Tgt Ion:152 Resp: 155516
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.4 88.2
 150 155.8 0.0 353.8

