

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052325\
 Data File : VY022414.D
 Acq On : 23 May 2025 18:24
 Operator : SY/MD
 Sample : Q2127-11
 Misc : 5.38g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: May 23 23:23:40 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)

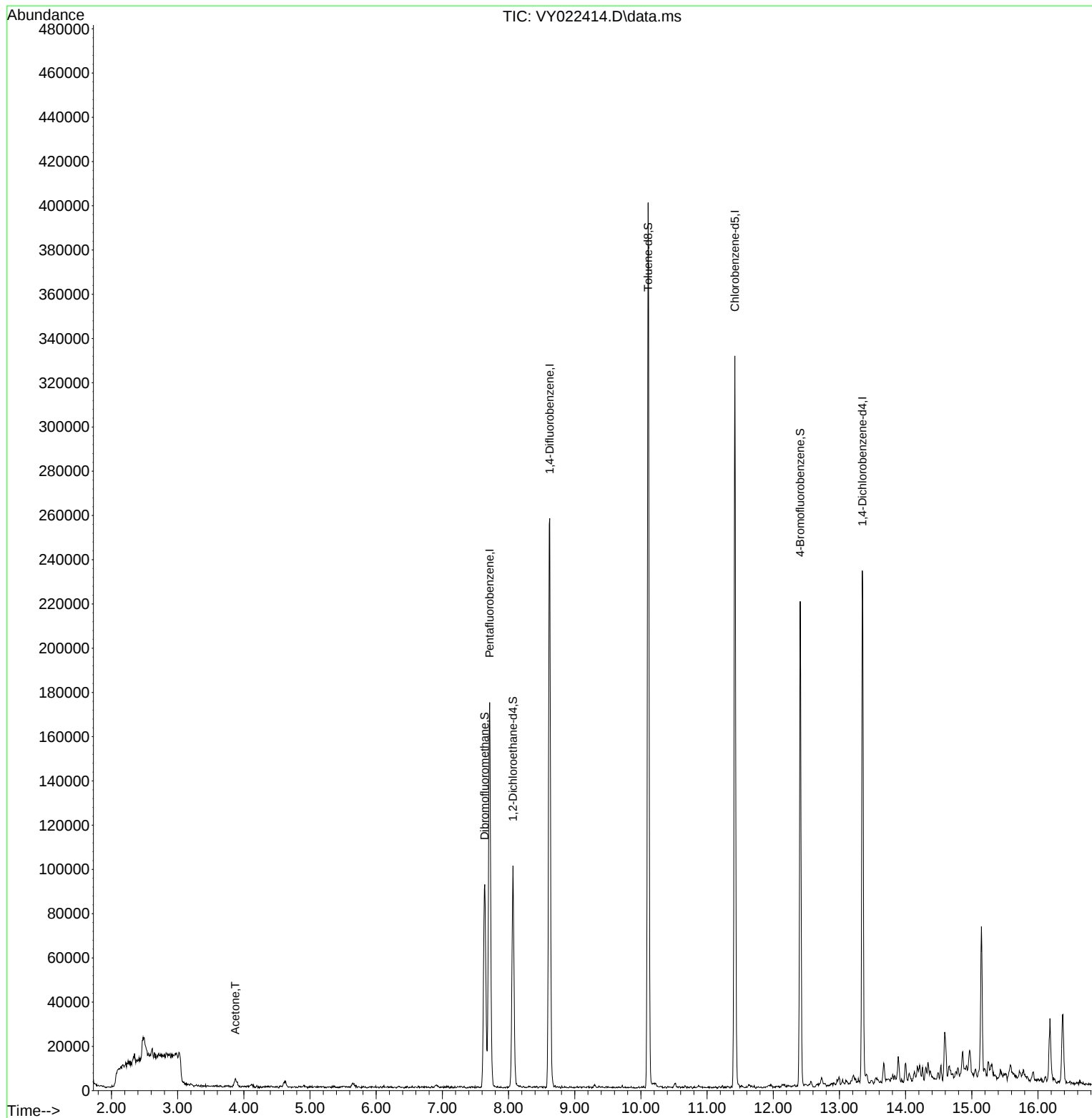
Internal Standards						
1) Pentafluorobenzene	7.713	168	131682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	219310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	161460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	55312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	69877	48.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.100%
35) Dibromofluoromethane	7.640	113	64466	49.249	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.500%
50) Toluene-d8	10.109	98	247972	46.255	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.520%
62) 4-Bromofluorobenzene	12.407	95	60370	35.528	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.060%
Target Compounds						
16) Acetone	3.872	43	5913	21.912	ug/l	Qvalue 95

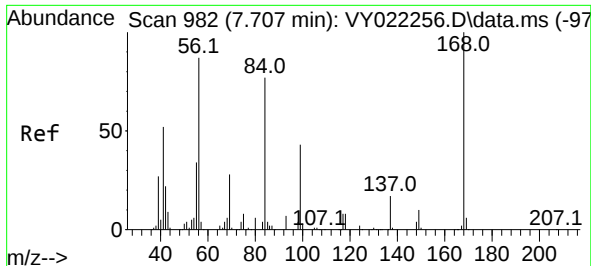
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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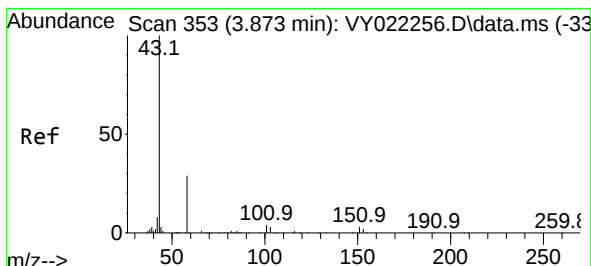
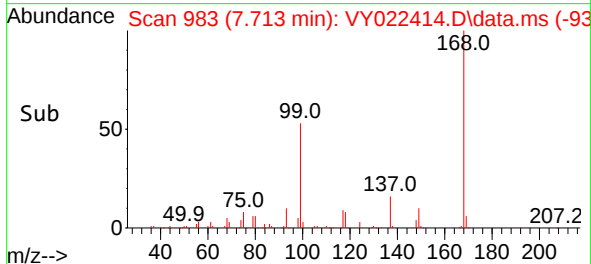
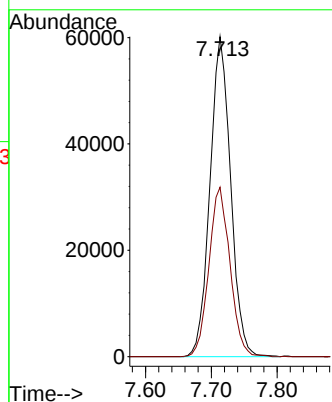
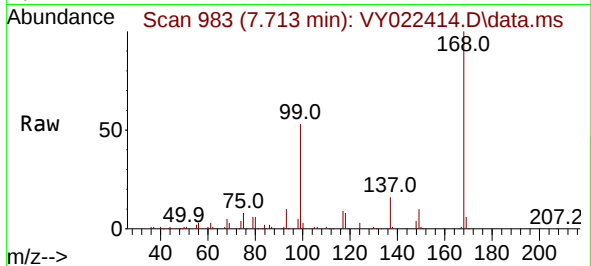




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022414.D
Acq: 23 May 2025 18:24

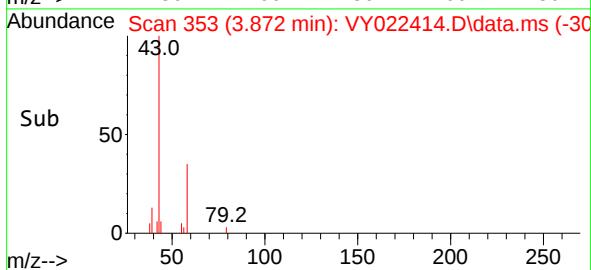
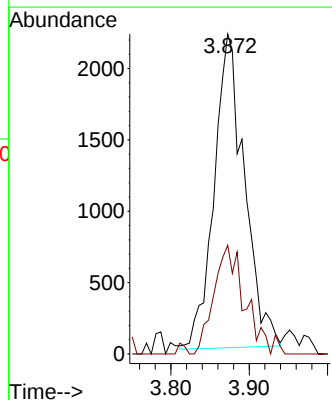
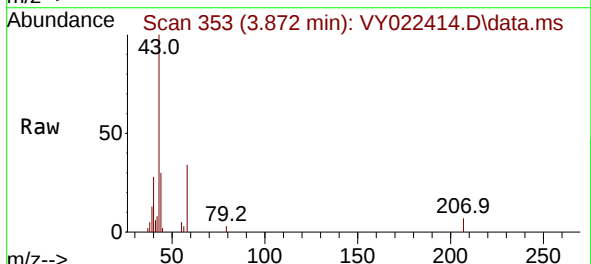
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

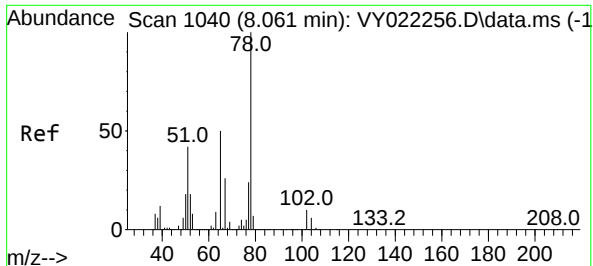
Tgt Ion:168 Resp: 131682
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#16
Acetone
Concen: 21.912 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY022414.D
Acq: 23 May 2025 18:24

Tgt Ion: 43 Resp: 5913
Ion Ratio Lower Upper
43 100
58 32.4 23.6 35.4





#33

1,2-Dichloroethane-d4

Concen: 48.554 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY022414.D

Acq: 23 May 2025 18:24

Instrument :

MSVOA_Y

ClientSampleId :

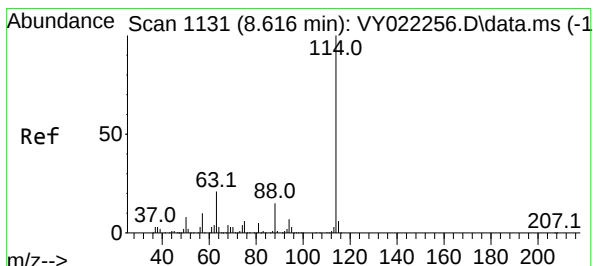
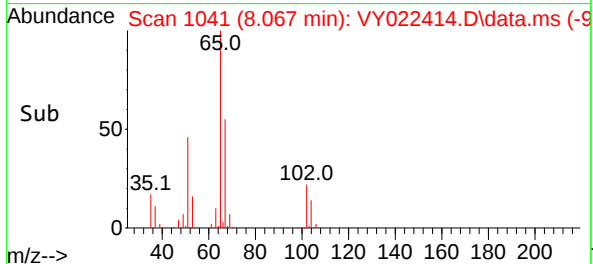
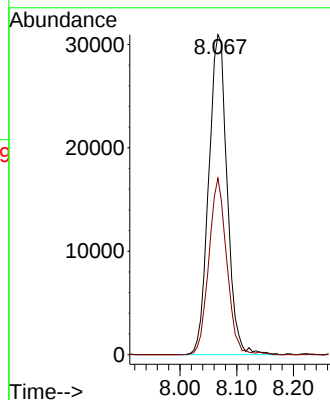
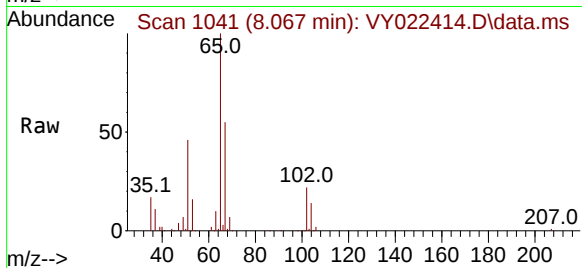
COMP-2

Tgt Ion: 65 Resp: 69877

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022414.D

Acq: 23 May 2025 18:24

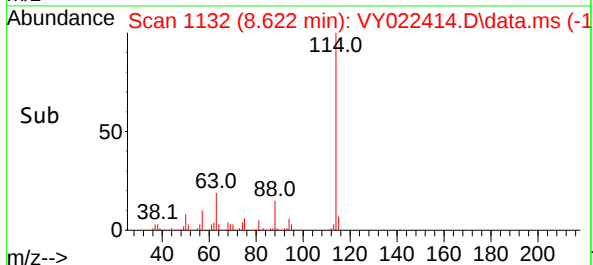
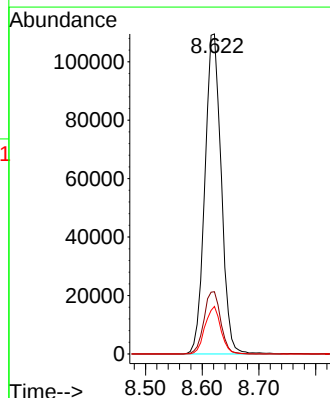
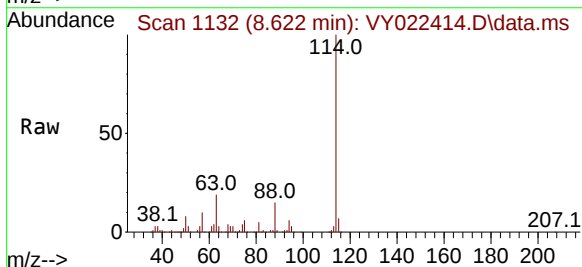
Tgt Ion: 114 Resp: 219310

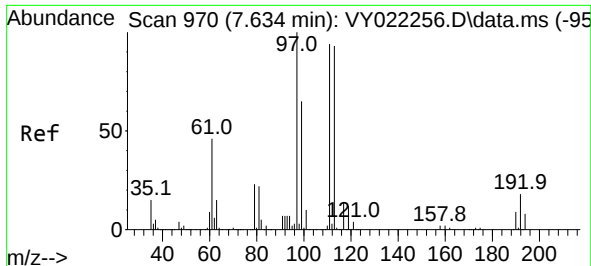
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.0

88 14.9 0.0 29.4

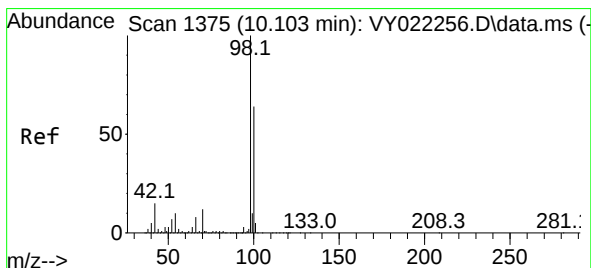
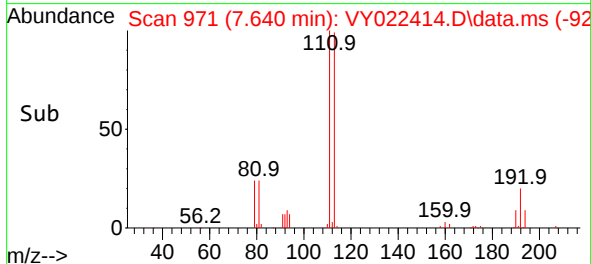
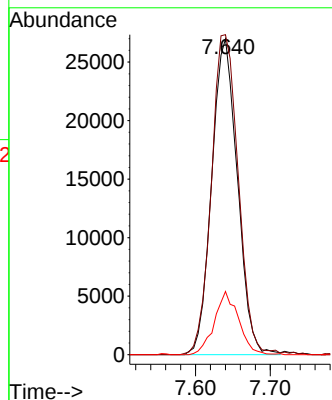
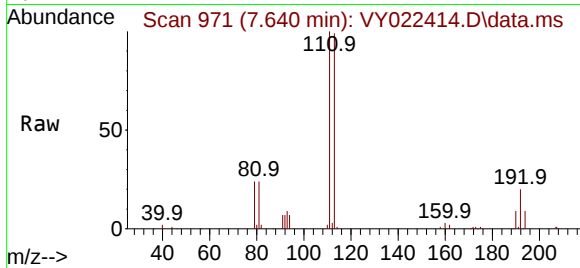




#35
Dibromofluoromethane
Concen: 49.249 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022414.D
Acq: 23 May 2025 18:24

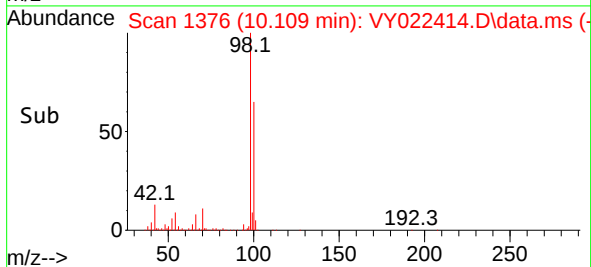
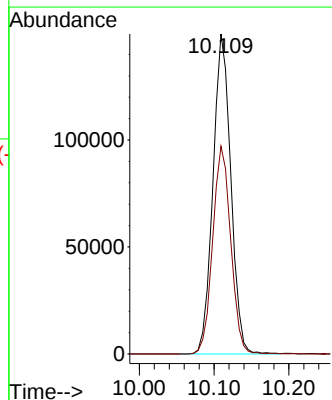
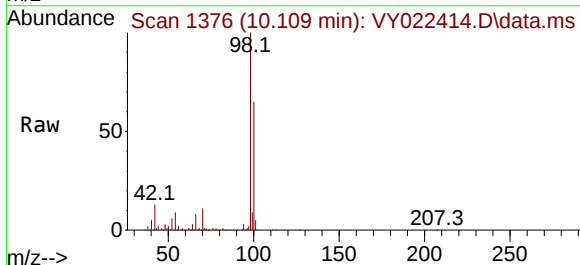
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

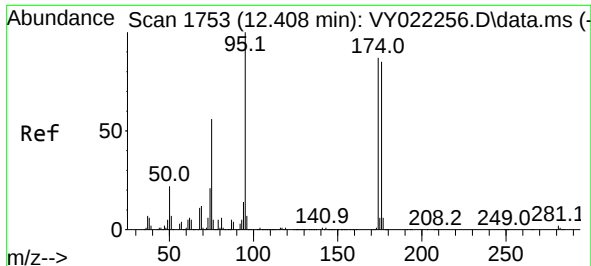
Tgt Ion:113 Resp: 64466
Ion Ratio Lower Upper
113 100
111 106.0 82.6 123.8
192 18.9 15.2 22.8



#50
Toluene-d8
Concen: 46.255 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022414.D
Acq: 23 May 2025 18:24

Tgt Ion: 98 Resp: 247972
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.8

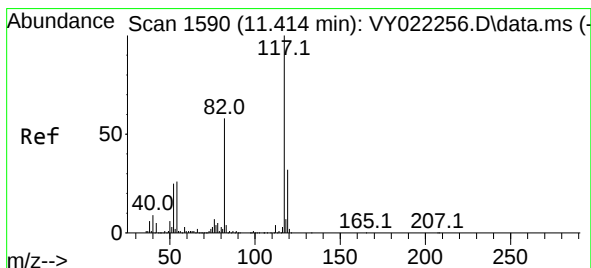
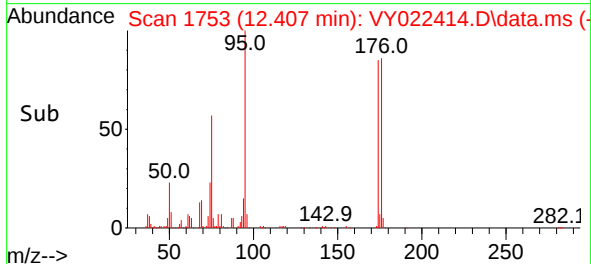
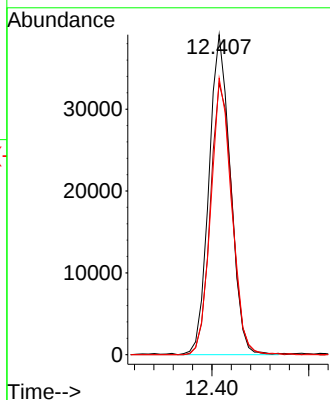
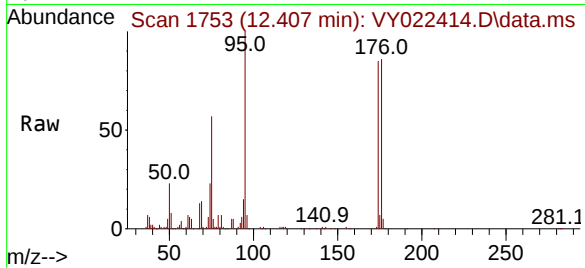




#62
4-Bromofluorobenzene
Concen: 35.528 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022414.D
Acq: 23 May 2025 18:24

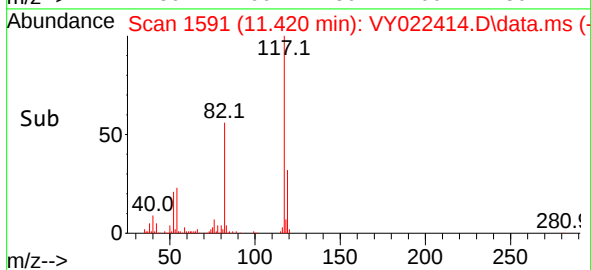
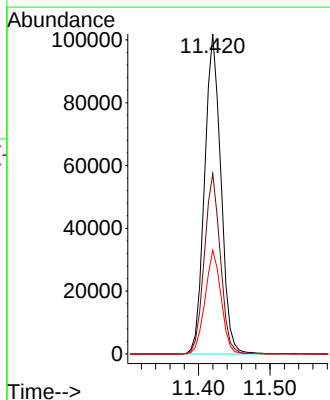
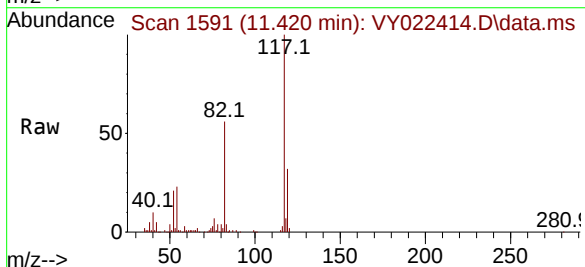
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

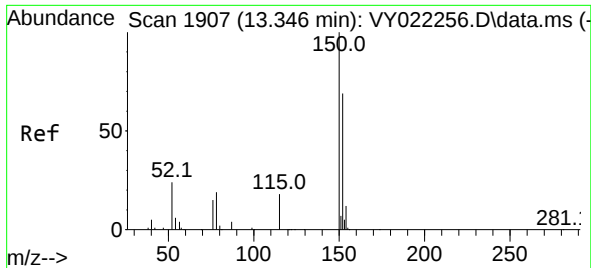
Tgt Ion: 95 Resp: 60370
Ion Ratio Lower Upper
95 100
174 85.6 0.0 166.8
176 84.0 0.0 160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY022414.D
Acq: 23 May 2025 18:24

Tgt Ion: 117 Resp: 161460
Ion Ratio Lower Upper
117 100
82 56.4 46.6 70.0
119 32.4 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022414.D
 Acq: 23 May 2025 18:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Tgt Ion:152 Resp: 55312
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.4 88.2
 150 158.3 0.0 353.8

