

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022062.D
 Acq On : 29 Apr 2025 17:27
 Operator : SY/MD
 Sample : Q1903-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-5

Quant Time: Apr 30 01:35:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

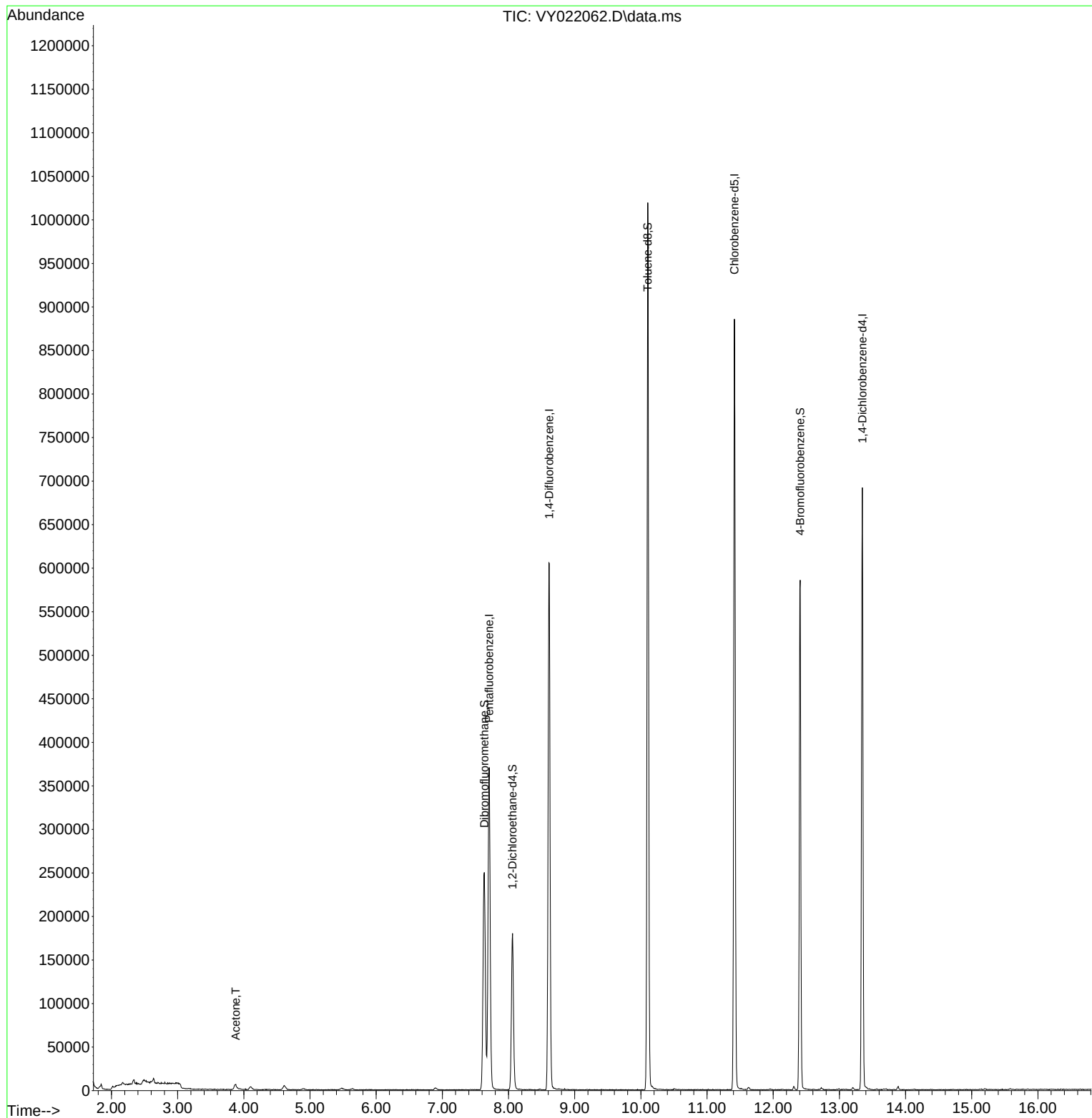
Internal Standards						
1) Pentafluorobenzene	7.707	168	293981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	545754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	490384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	184808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139187	51.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.520%	
35) Dibromofluoromethane	7.634	113	184342	51.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.260%	
50) Toluene-d8	10.103	98	667552	49.110	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.220%	
62) 4-Bromofluorobenzene	12.408	95	183504	40.102	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.200%	
Target Compounds						
16) Acetone	3.879	43	10855	10.038	ug/l	Qvalue 90

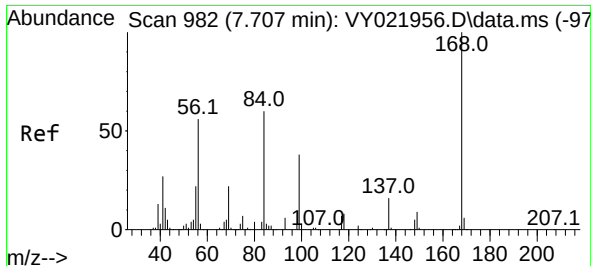
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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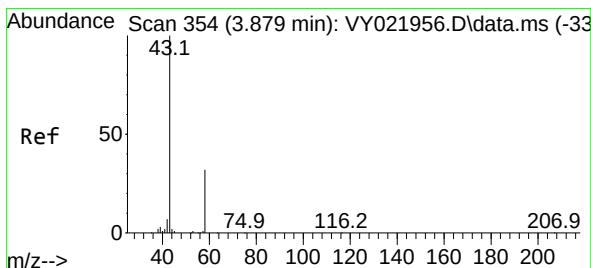
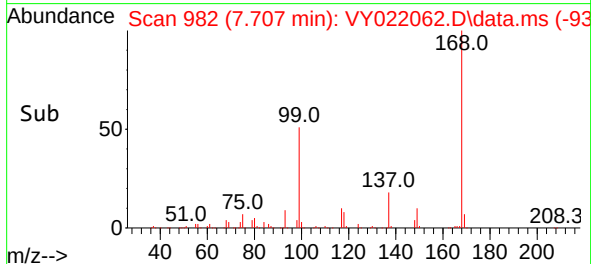
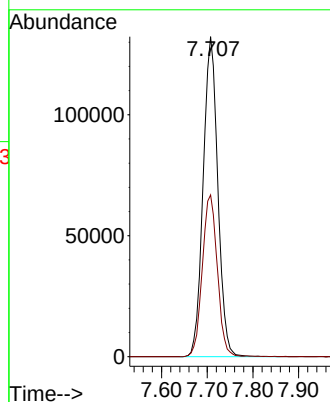
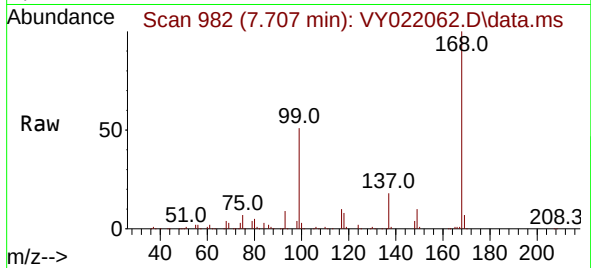




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022062.D
Acq: 29 Apr 2025 17:27

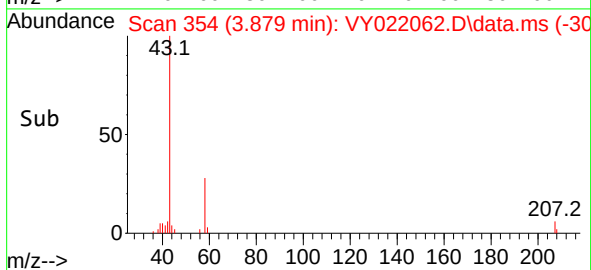
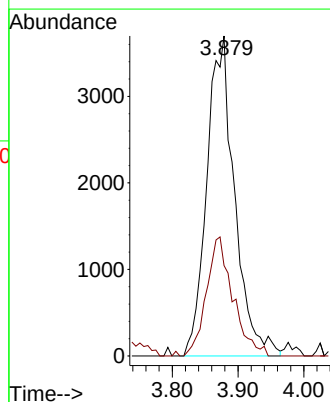
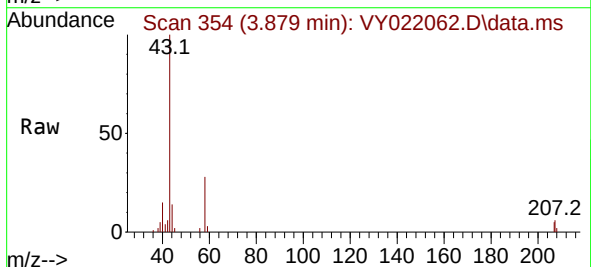
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

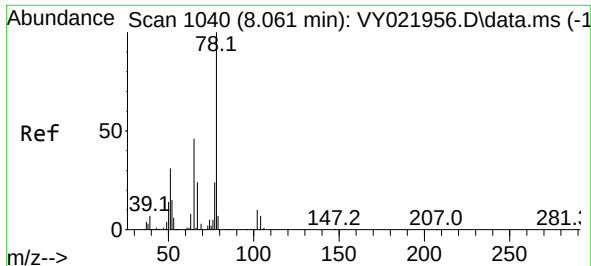
Tgt Ion:168 Resp: 293981
Ion Ratio Lower Upper
168 100
99 50.6 43.1 64.7



#16
Acetone
Concen: 10.038 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022062.D
Acq: 29 Apr 2025 17:27

Tgt Ion: 43 Resp: 10855
Ion Ratio Lower Upper
43 100
58 28.3 27.0 40.4





#33

1,2-Dichloroethane-d4

Concen: 51.257 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022062.D

Acq: 29 Apr 2025 17:27

Instrument :

MSVOA_Y

ClientSampleId :

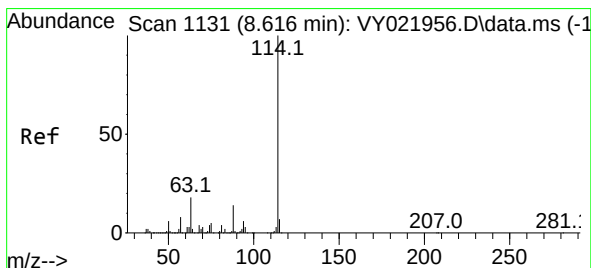
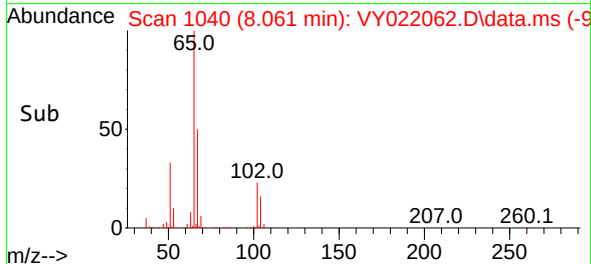
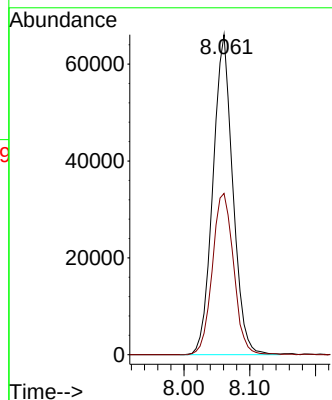
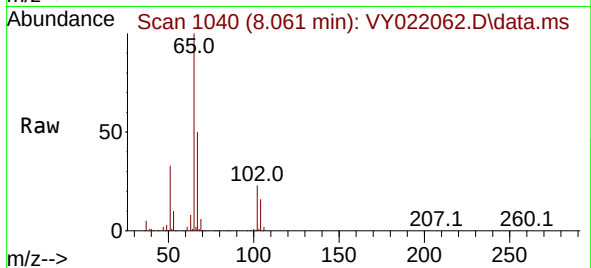
COMP-5

Tgt Ion: 65 Resp: 139187

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022062.D

Acq: 29 Apr 2025 17:27

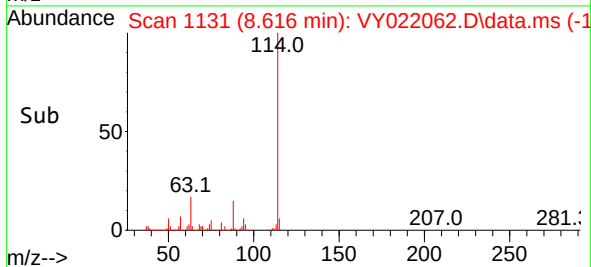
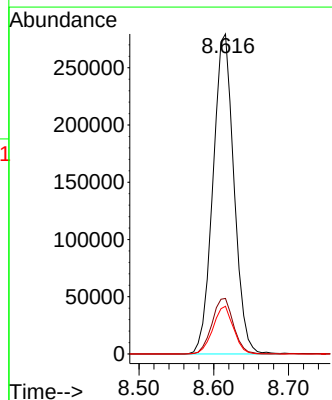
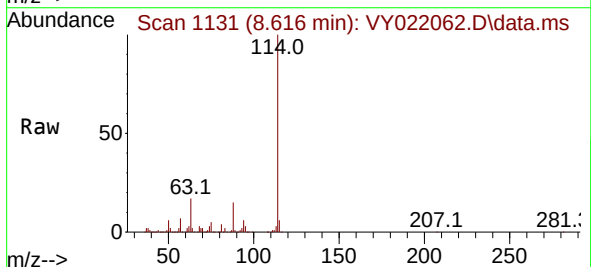
Tgt Ion:114 Resp: 545754

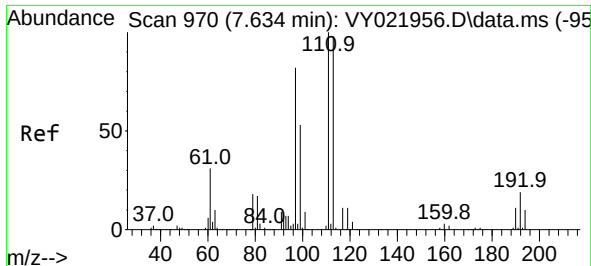
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.4

88 14.9 0.0 28.2

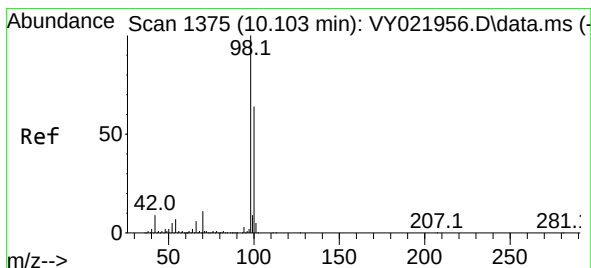
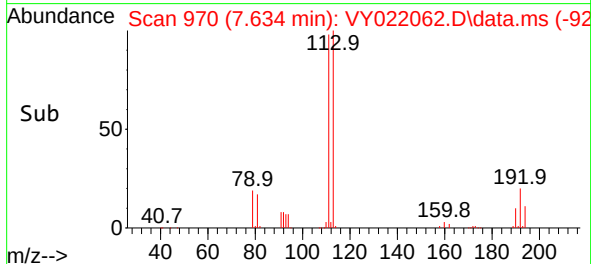
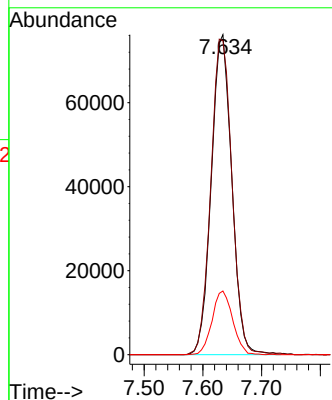
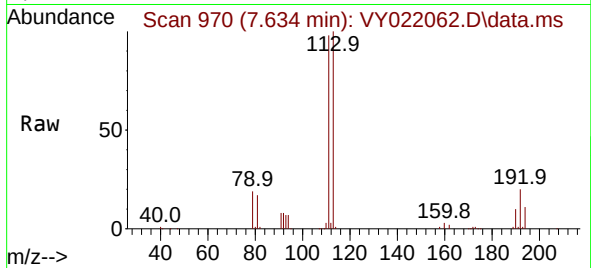




#35
Dibromofluoromethane
Concen: 51.127 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022062.D
Acq: 29 Apr 2025 17:27

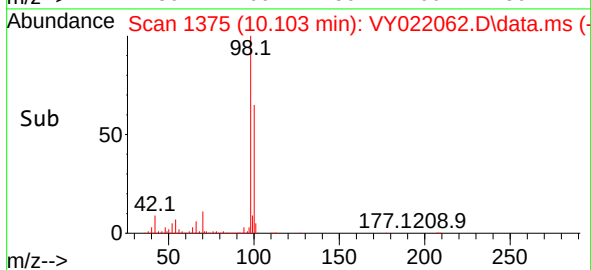
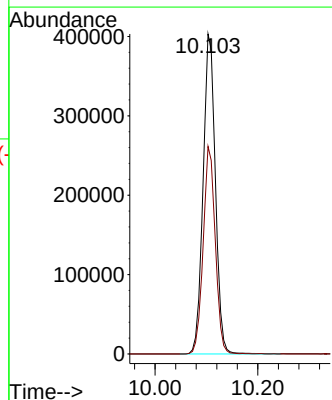
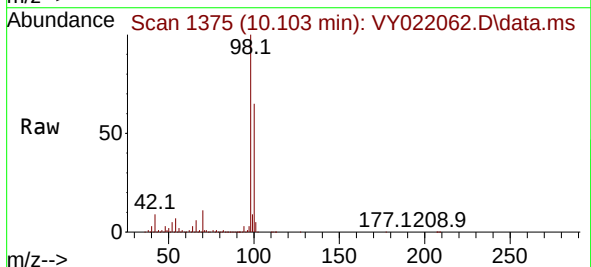
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

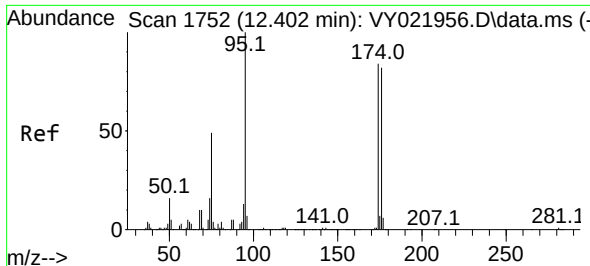
Tgt Ion:113 Resp: 184342
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 20.0 15.6 23.4



#50
Toluene-d8
Concen: 49.110 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022062.D
Acq: 29 Apr 2025 17:27

Tgt Ion: 98 Resp: 667552
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

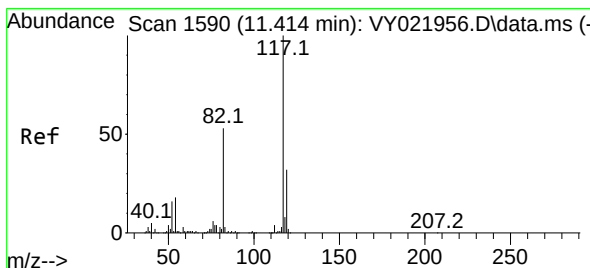
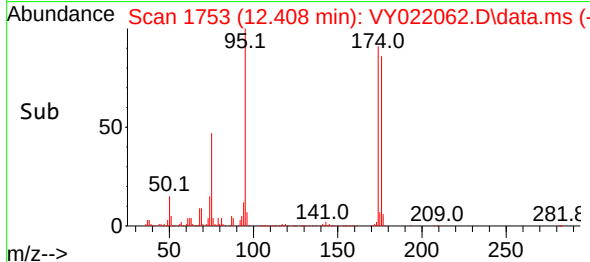
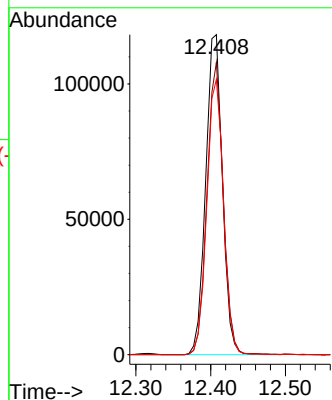
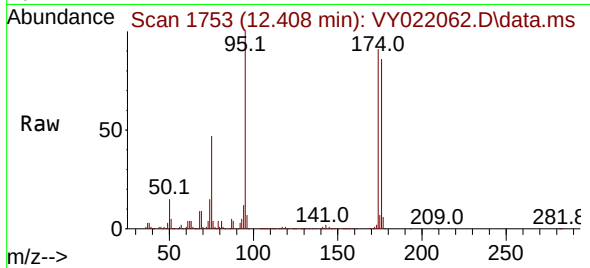




#62
4-Bromofluorobenzene
Concen: 40.102 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022062.D
Acq: 29 Apr 2025 17:27

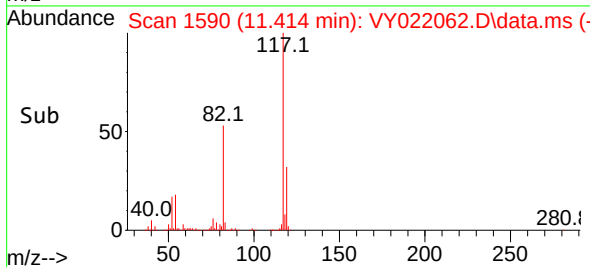
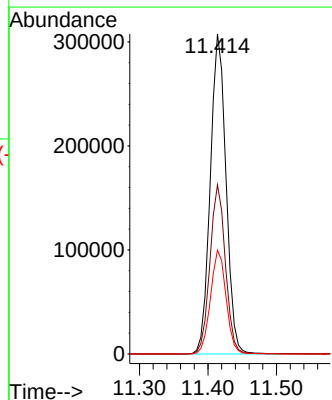
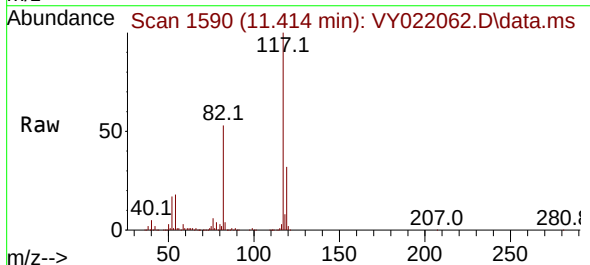
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

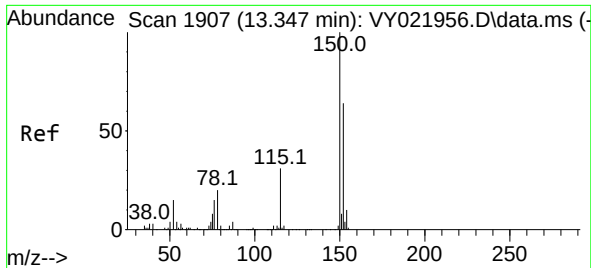
Tgt Ion: 95 Resp: 183504
Ion Ratio Lower Upper
95 100
174 89.1 0.0 179.0
176 85.7 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022062.D
Acq: 29 Apr 2025 17:27

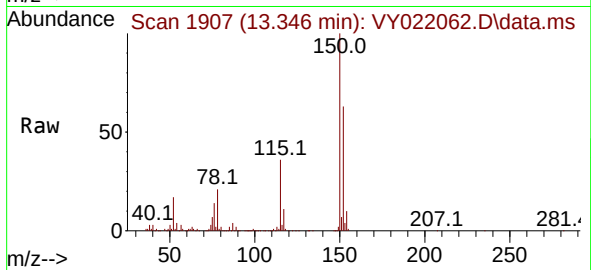
Tgt Ion: 117 Resp: 490384
Ion Ratio Lower Upper
117 100
82 52.9 42.1 63.1
119 32.5 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022062.D
 Acq: 29 Apr 2025 17:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-5



Tgt Ion:	152	Resp:	184808
Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.0	84.0
150	158.2	0.0	345.6

