

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042525\
 Data File : VY022014.D
 Acq On : 25 Apr 2025 17:25
 Operator : SY/MD
 Sample : Q1883-07
 Misc : 11.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-30-042325

Quant Time: Apr 25 22:57:19 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)

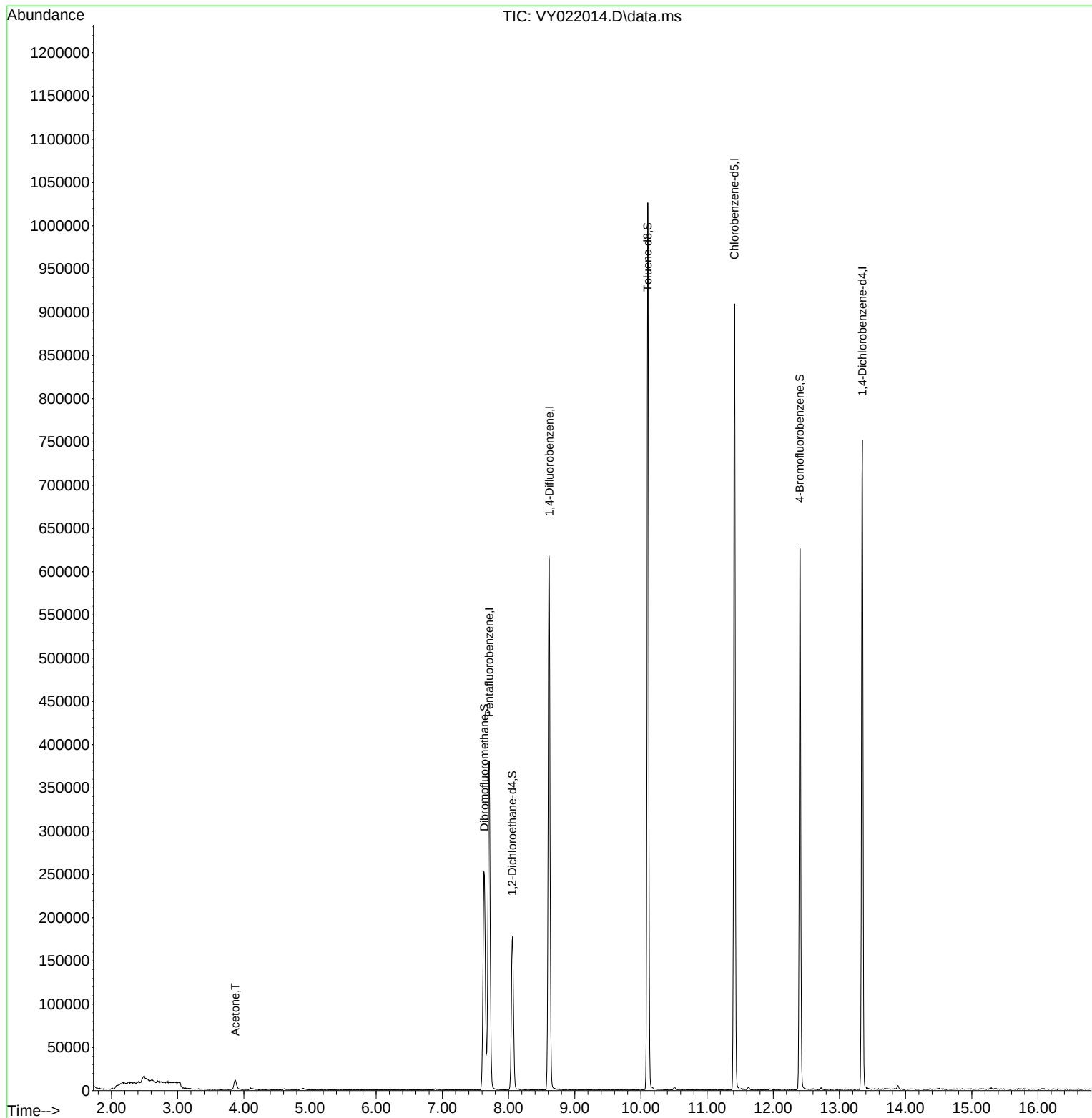
Internal Standards						
1) Pentafluorobenzene	7.707	168	296986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	552810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	505557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	203067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	143279	52.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.460%	
35) Dibromofluoromethane	7.634	113	186371	51.030	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.060%	
50) Toluene-d8	10.103	98	671074	48.739	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.480%	
62) 4-Bromofluorobenzene	12.401	95	196867	42.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.940%	
Target Compounds						
16) Acetone	3.872	43	20052	37.707	ug/l	Qvalue 96

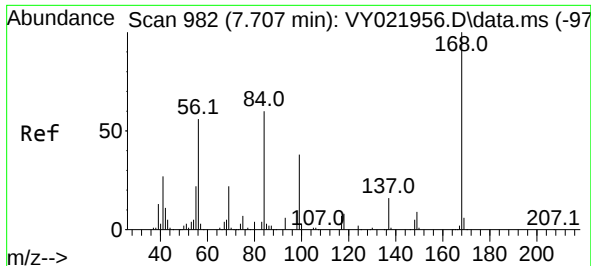
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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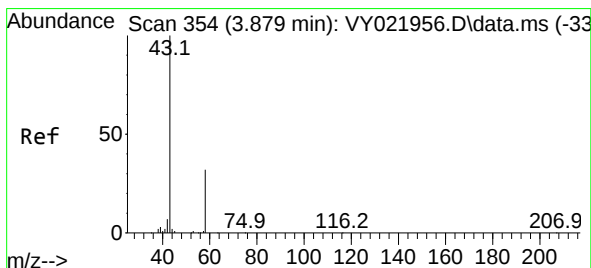
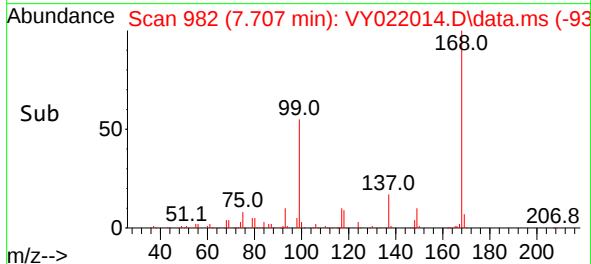
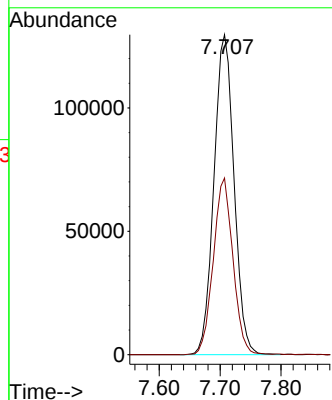
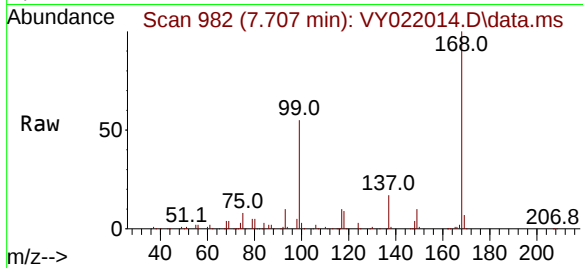




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022014.D
Acq: 25 Apr 2025 17:25

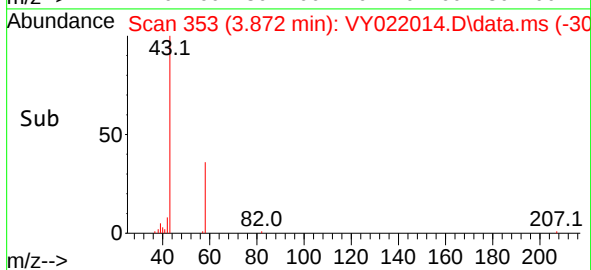
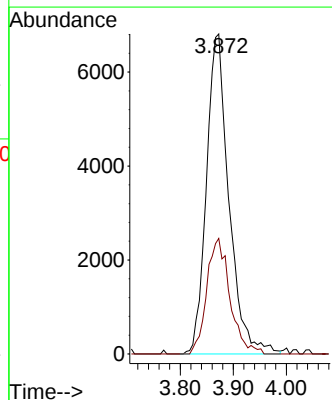
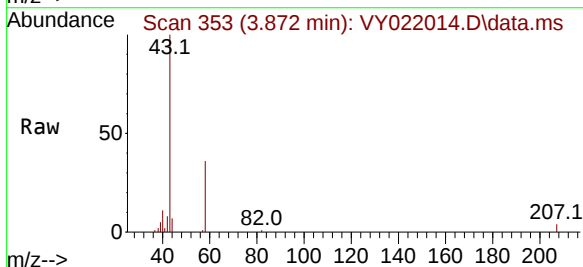
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-30-042325

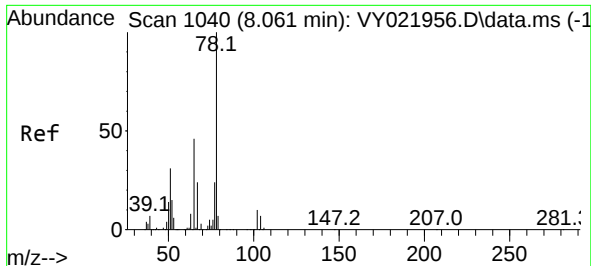
Tgt Ion:168 Resp: 296986
Ion Ratio Lower Upper
168 100
99 55.2 43.1 64.7



#16
Acetone
Concen: 37.707 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY022014.D
Acq: 25 Apr 2025 17:25

Tgt Ion: 43 Resp: 20052
Ion Ratio Lower Upper
43 100
58 36.1 27.0 40.4





#33

1,2-Dichloroethane-d4

Concen: 52.231 ug/l

RT: 8.055 min Scan# 11039

Delta R.T. -0.006 min

Lab File: VY022014.D

Acq: 25 Apr 2025 17:25

Instrument :

MSVOA_Y

ClientSampleId :

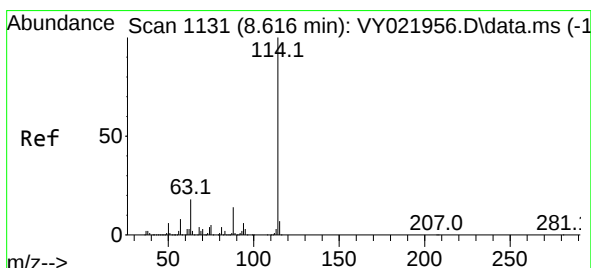
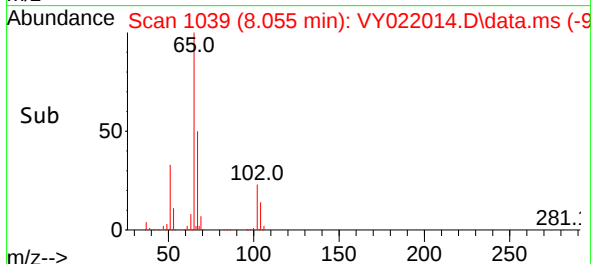
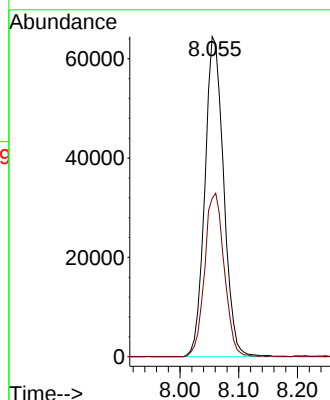
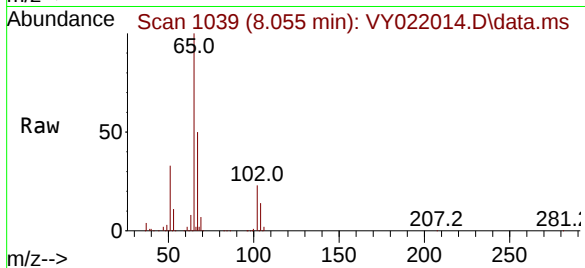
OU4-PCS-TC-30-042325

Tgt Ion: 65 Resp: 143279

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022014.D

Acq: 25 Apr 2025 17:25

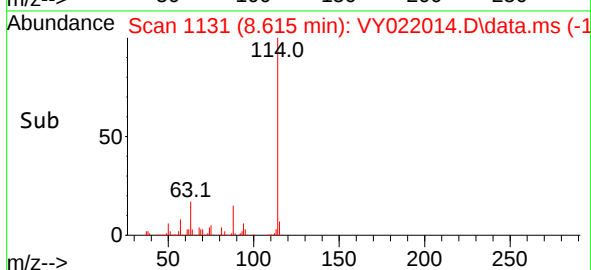
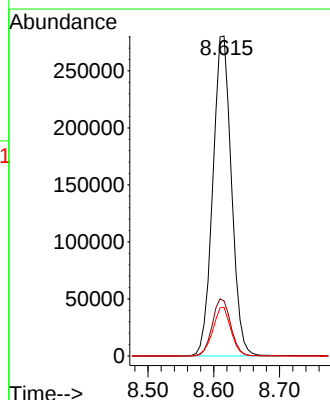
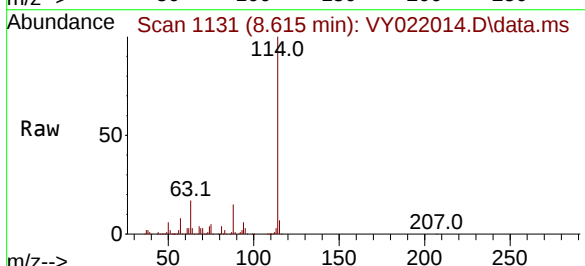
Tgt Ion: 114 Resp: 552810

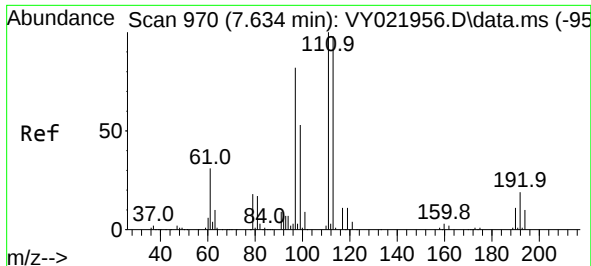
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.4

88 15.3 0.0 28.2

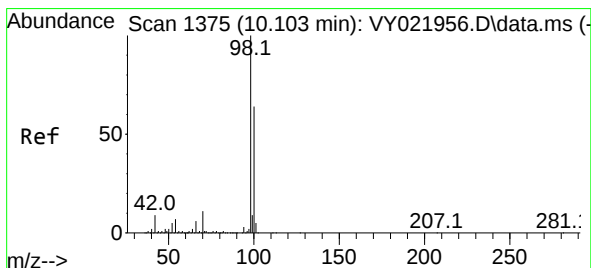
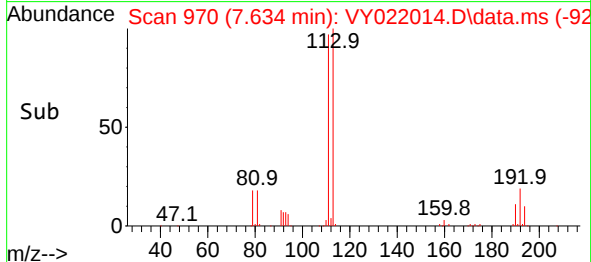
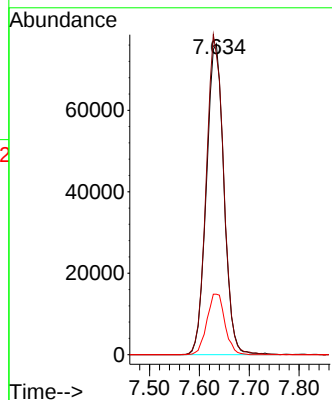
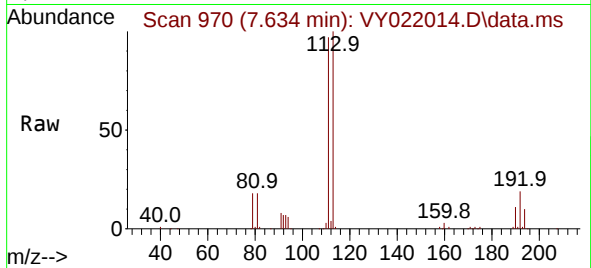




#35
Dibromofluoromethane
Concen: 51.030 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022014.D
Acq: 25 Apr 2025 17:25

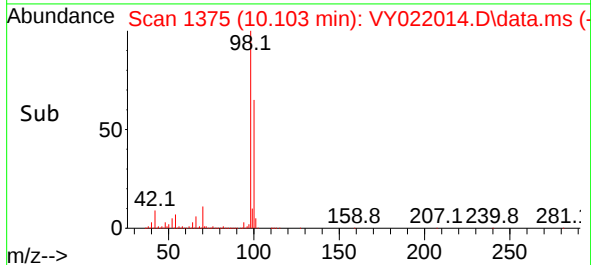
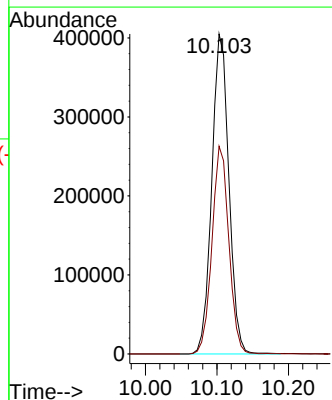
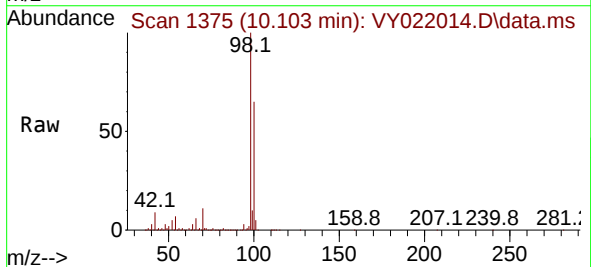
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-30-042325

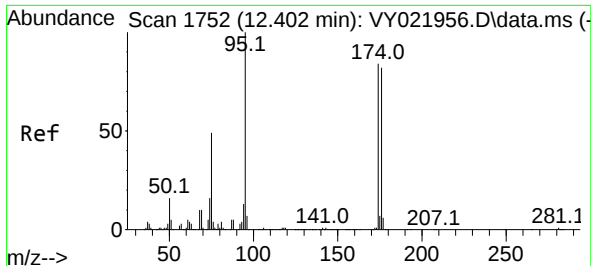
Tgt Ion:113 Resp: 186371
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 20.0 15.6 23.4



#50
Toluene-d8
Concen: 48.739 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022014.D
Acq: 25 Apr 2025 17:25

Tgt Ion: 98 Resp: 671074
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4

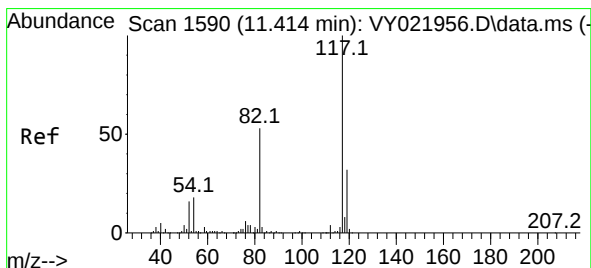
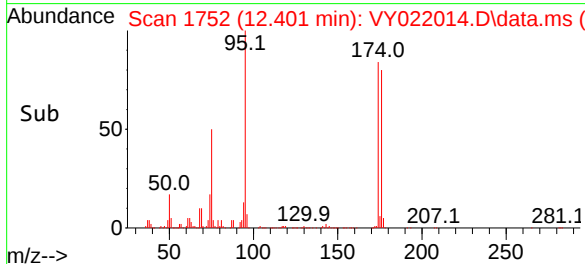
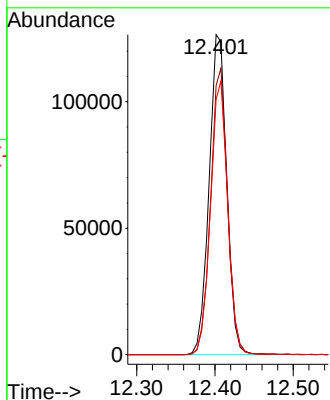
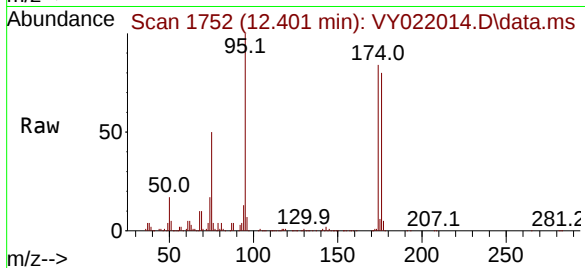




#62
4-Bromofluorobenzene
Concen: 42.473 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022014.D
Acq: 25 Apr 2025 17:25

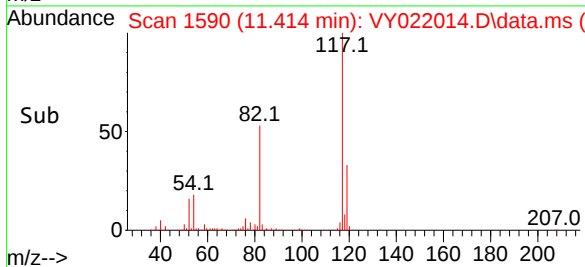
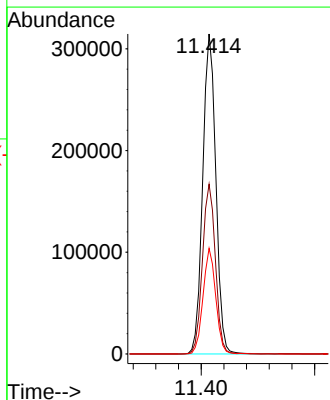
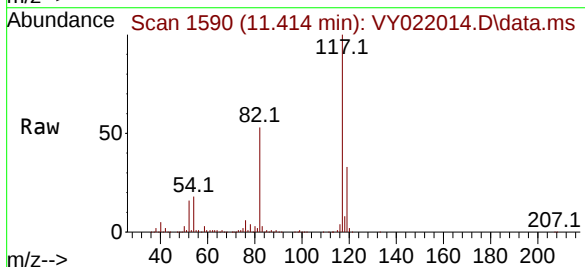
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-30-042325

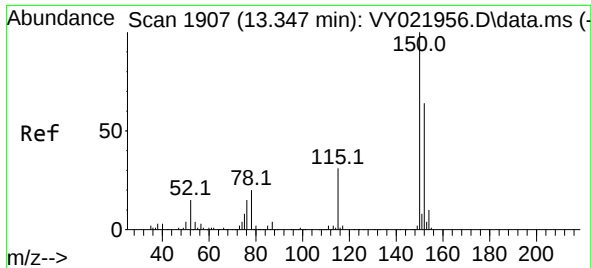
Tgt Ion: 95 Resp: 196867
Ion Ratio Lower Upper
95 100
174 87.2 0.0 179.0
176 83.3 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022014.D
Acq: 25 Apr 2025 17:25

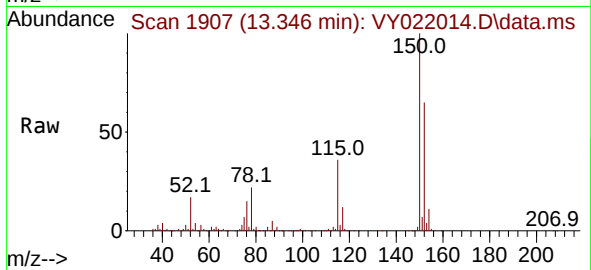
Tgt Ion: 117 Resp: 505557
Ion Ratio Lower Upper
117 100
82 53.1 42.1 63.1
119 33.0 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022014.D
 Acq: 25 Apr 2025 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-30-042325



Tgt Ion:	152	Resp:	203067
Ion Ratio	Lower	Upper	
152	100		
115	56.4	28.0	84.0
150	155.8	0.0	345.6

