

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021261.D
 Acq On : 20 Feb 2025 19:49
 Operator : SY/MD
 Sample : Q1383-21
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-15-021725

Quant Time: Feb 21 02:46:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

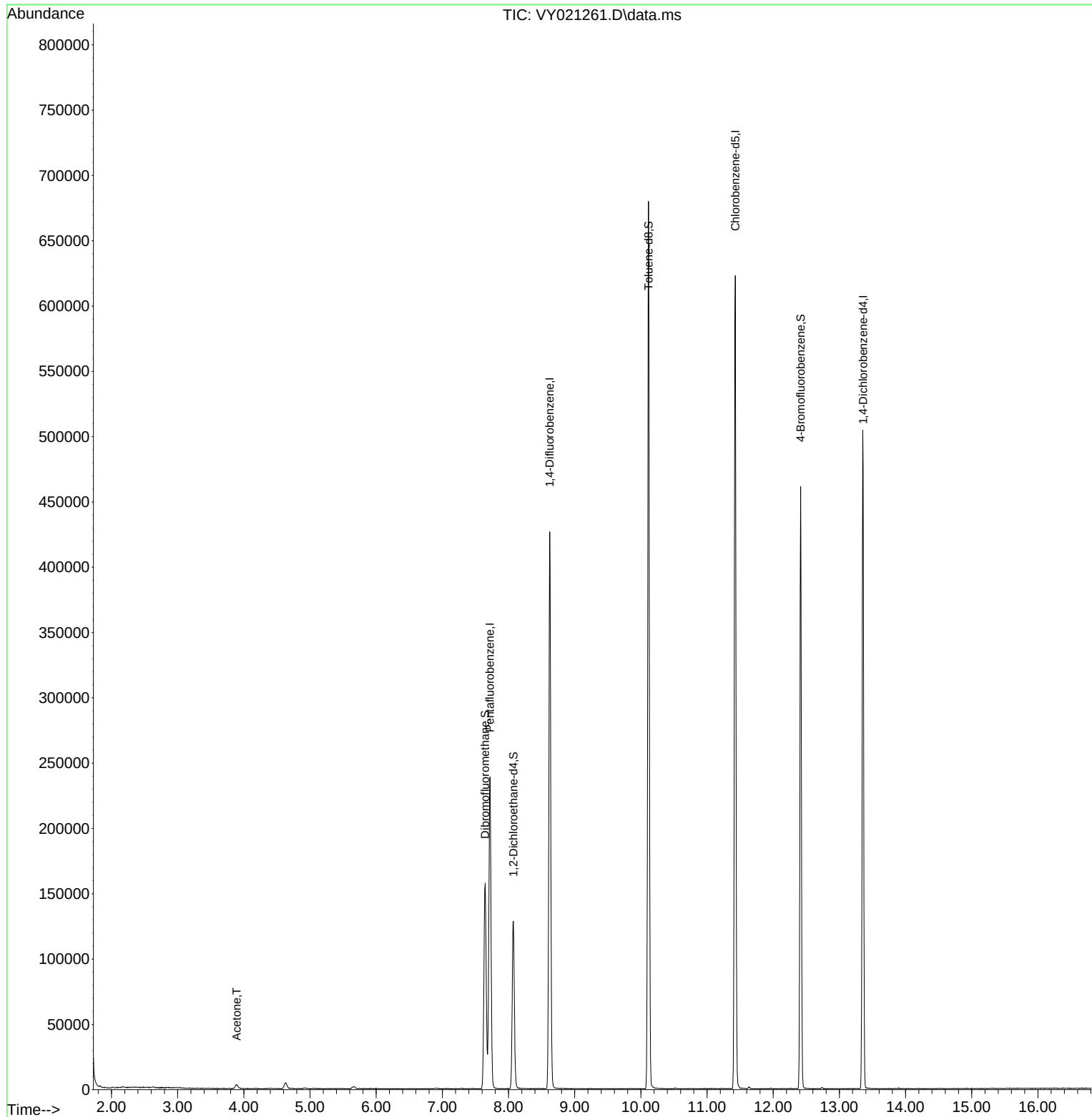
Internal Standards						
1) Pentafluorobenzene	7.719	168	181233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	347875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	316822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	123624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	104551	56.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.600%
35) Dibromofluoromethane	7.646	113	111827	50.160	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.320%
50) Toluene-d8	10.115	98	423789	49.931	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.414	95	131691	47.493	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.980%
Target Compounds						
16) Acetone	3.891	43	5828	20.126	ug/l	Qvalue 95

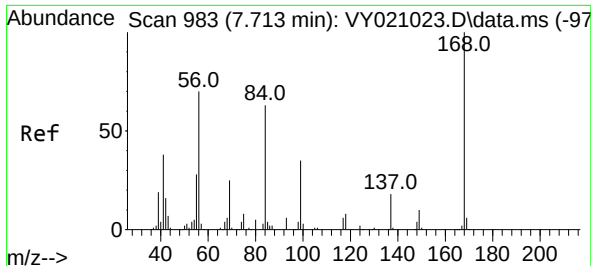
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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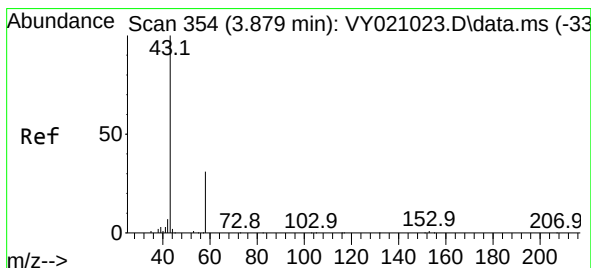
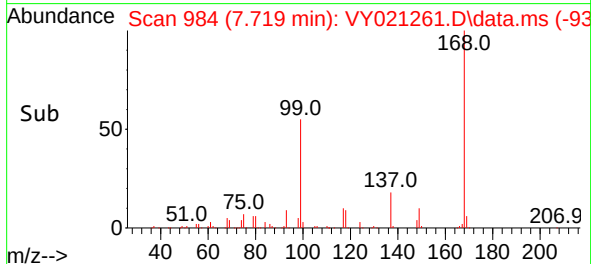
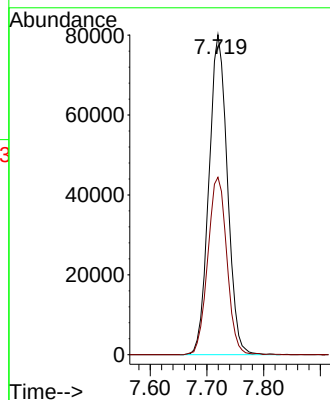
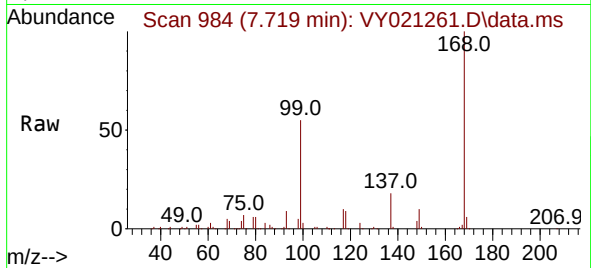




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021261.D
Acq: 20 Feb 2025 19:49

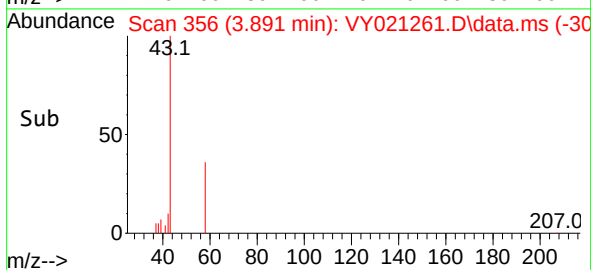
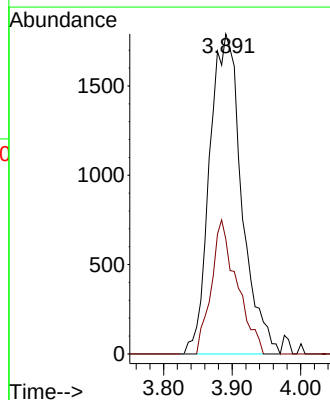
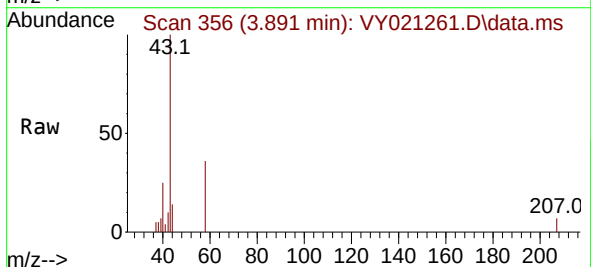
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-15-021725

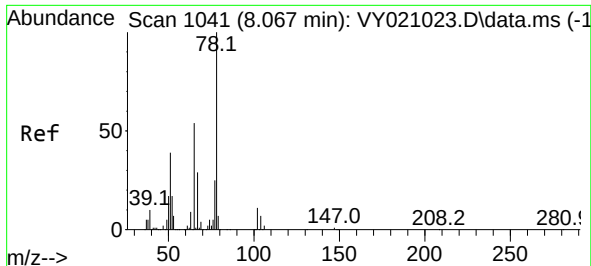
Tgt Ion:168 Resp: 181233
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4



#16
Acetone
Concen: 20.126 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY021261.D
Acq: 20 Feb 2025 19:49

Tgt Ion: 43 Resp: 5828
Ion Ratio Lower Upper
43 100
58 35.9 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 56.305 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021261.D

Acq: 20 Feb 2025 19:49

Instrument :

MSVOA_Y

ClientSampleId :

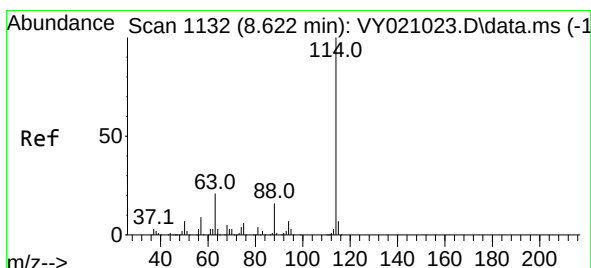
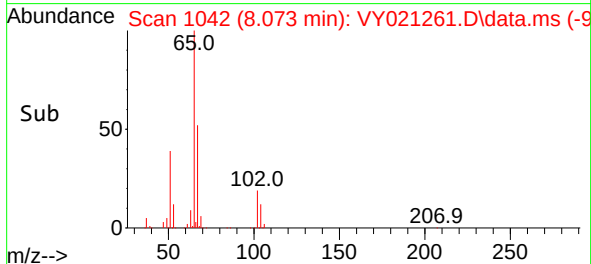
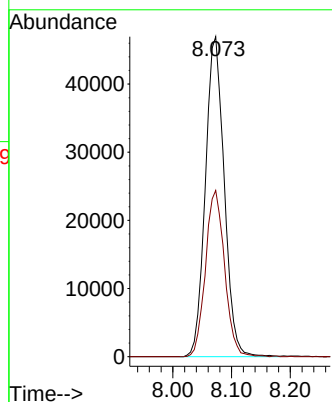
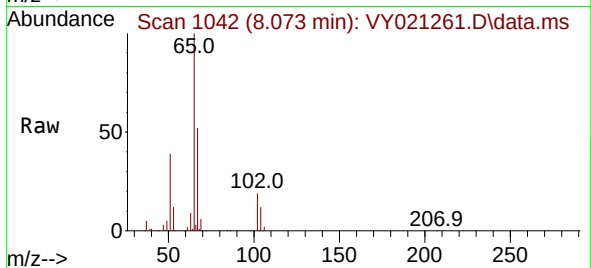
OU4-CF-15-021725

Tgt Ion: 65 Resp: 104551

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021261.D

Acq: 20 Feb 2025 19:49

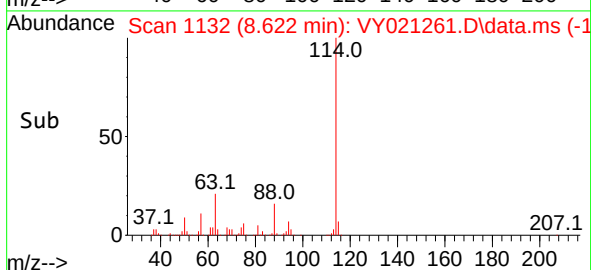
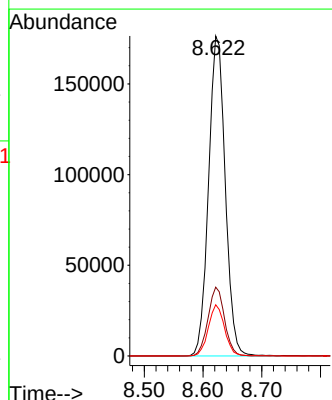
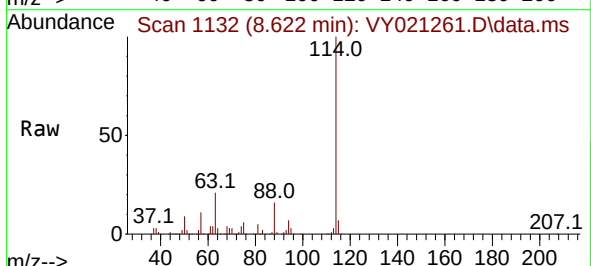
Tgt Ion: 114 Resp: 347875

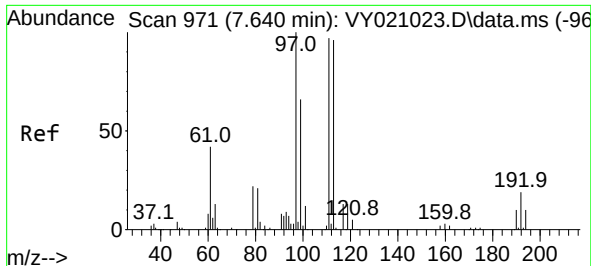
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

88 16.0 0.0 29.0

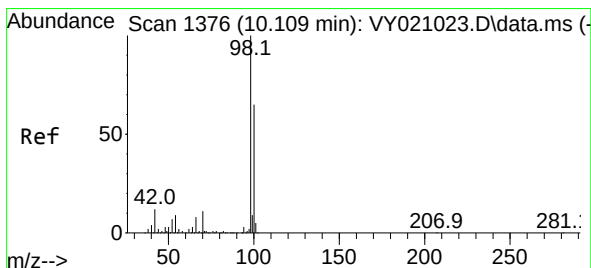
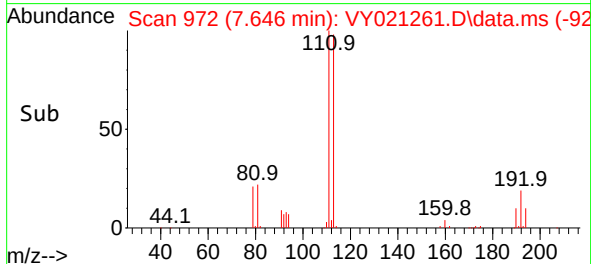
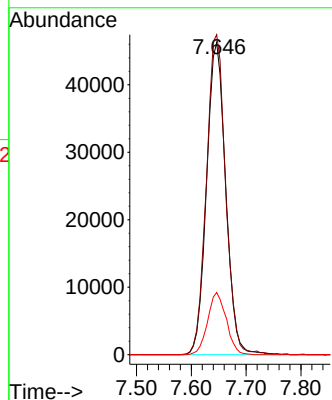
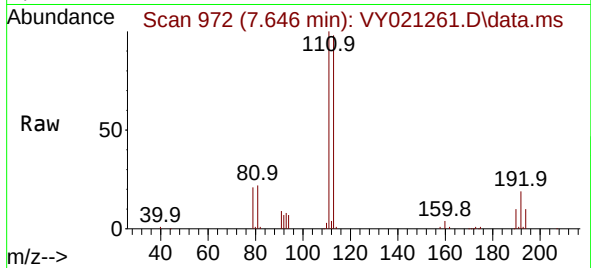




#35
Dibromofluoromethane
Concen: 50.160 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021261.D
Acq: 20 Feb 2025 19:49

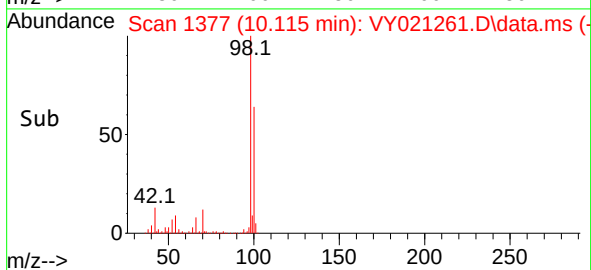
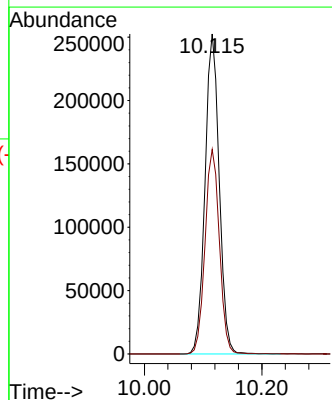
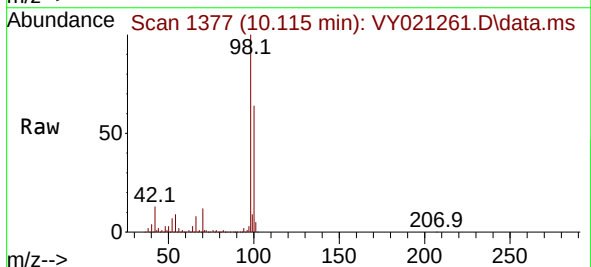
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-15-021725

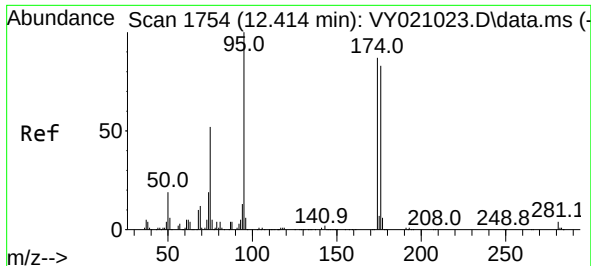
Tgt Ion:113 Resp: 111827
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 19.4 14.5 21.7



#50
Toluene-d8
Concen: 49.931 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021261.D
Acq: 20 Feb 2025 19:49

Tgt Ion: 98 Resp: 423789
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

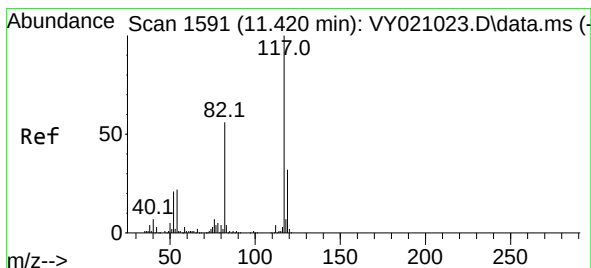
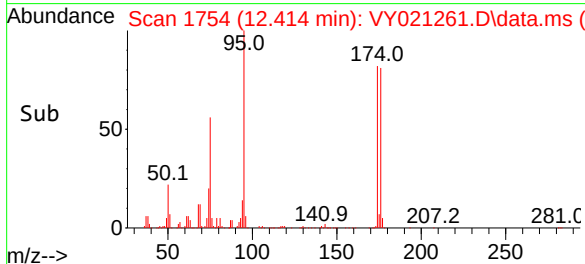
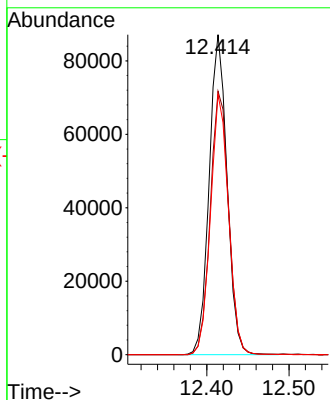
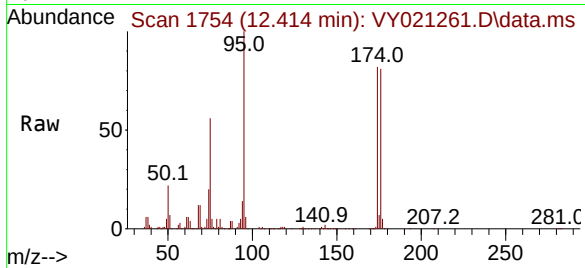




#62
4-Bromofluorobenzene
Concen: 47.493 ug/l
RT: 12.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021261.D
Acq: 20 Feb 2025 19:49

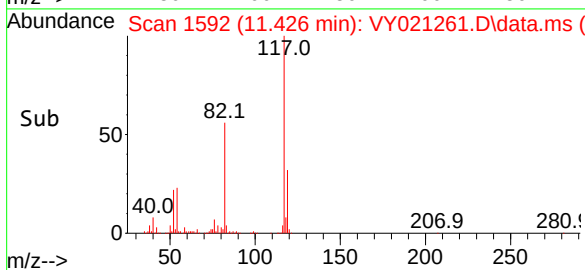
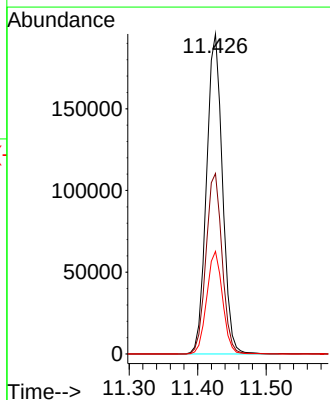
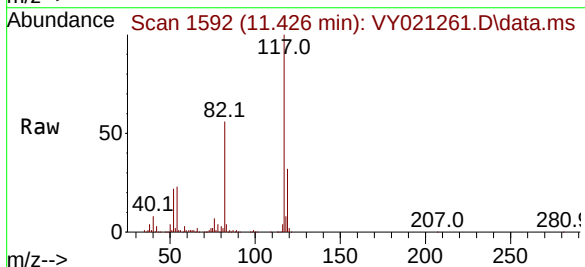
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-15-021725

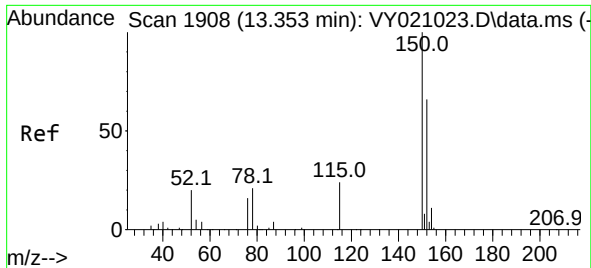
Tgt Ion: 95 Resp: 131691
Ion Ratio Lower Upper
95 100
174 84.7 0.0 160.0
176 81.7 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021261.D
Acq: 20 Feb 2025 19:49

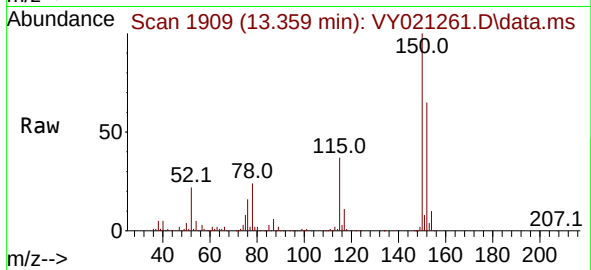
Tgt Ion: 117 Resp: 316822
Ion Ratio Lower Upper
117 100
82 56.4 43.8 65.8
119 32.0 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.359 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY021261.D
 Acq: 20 Feb 2025 19:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-15-021725



Tgt Ion:152 Resp: 123624
 Ion Ratio Lower Upper
 152 100
 115 58.9 30.0 90.0
 150 156.7 0.0 344.6

