

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021282.D
 Acq On : 21 Feb 2025 13:51
 Operator : SY/MD
 Sample : Q1383-07
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-14-021725

Quant Time: Feb 21 23:07:08 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)

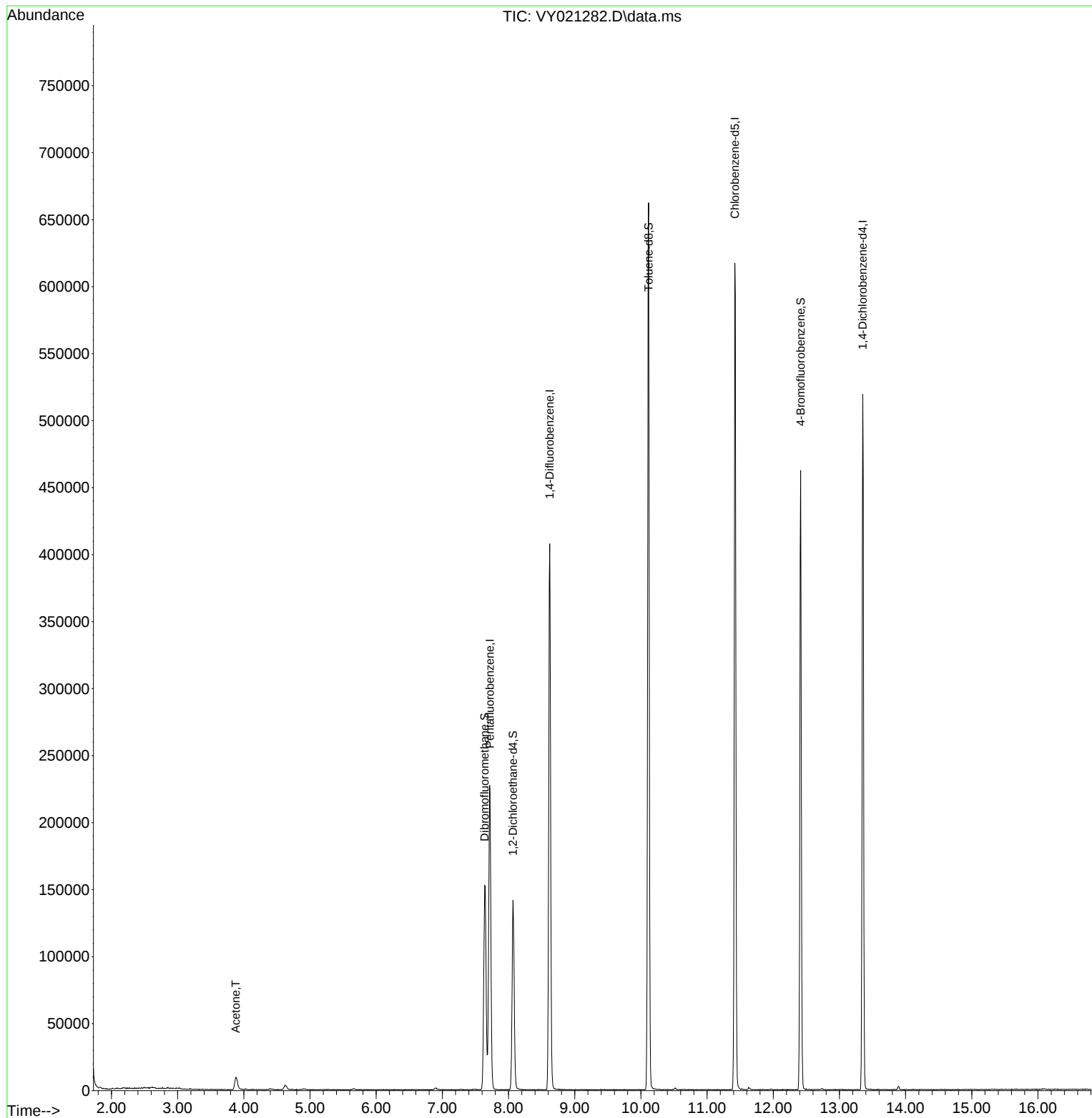
Internal Standards						
1) Pentafluorobenzene	7.719	168	170045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	332342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	313144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	125321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	110471	63.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.820%	
35) Dibromofluoromethane	7.640	113	110725	51.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.980%	
50) Toluene-d8	10.115	98	413661	51.015	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.040%	
62) 4-Bromofluorobenzene	12.414	95	132917	50.176	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.360%	
Target Compounds						
16) Acetone	3.879	43	18273	67.254	ug/l	Qvalue 89

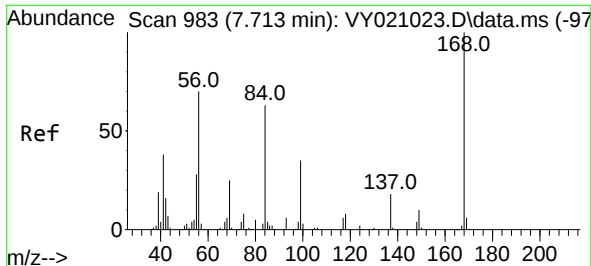
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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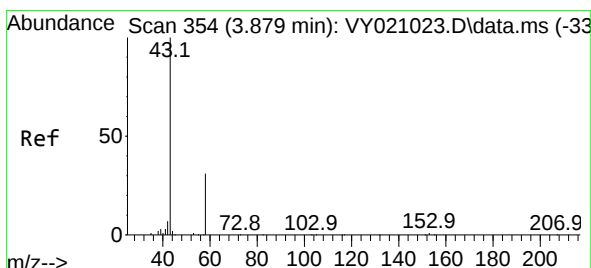
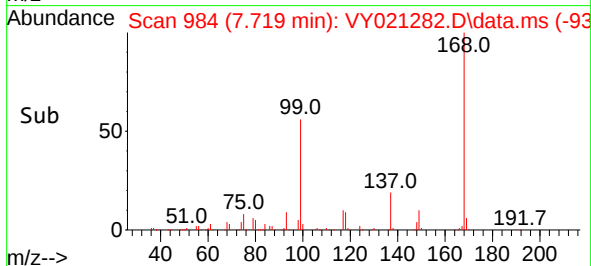
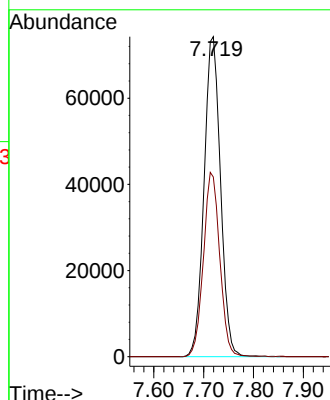
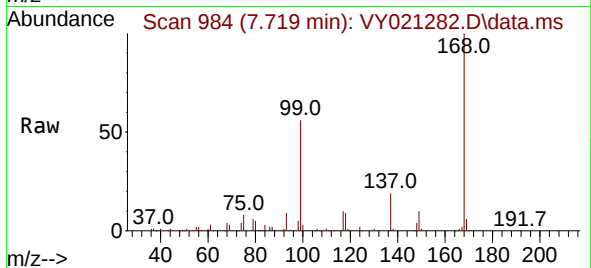




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

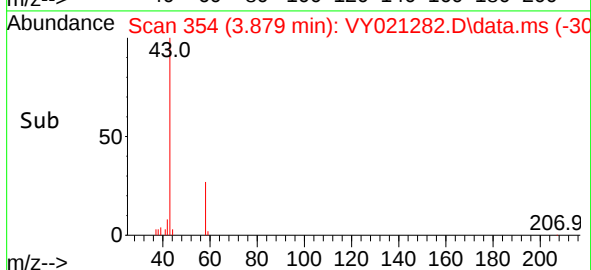
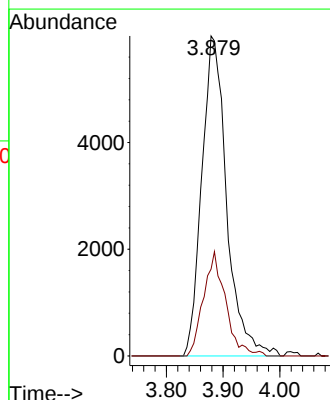
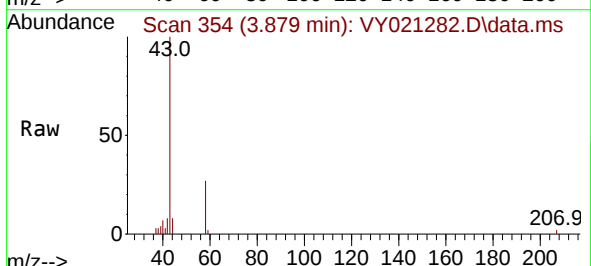
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

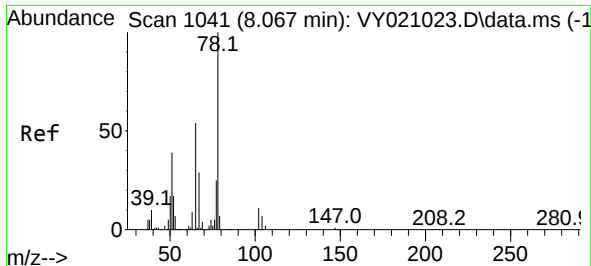
Tgt Ion:168 Resp: 170045
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#16
Acetone
Concen: 67.254 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Tgt Ion: 43 Resp: 18273
Ion Ratio Lower Upper
43 100
58 27.2 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 63.407 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021282.D

Acq: 21 Feb 2025 13:51

Instrument :

MSVOA_Y

ClientSampleId :

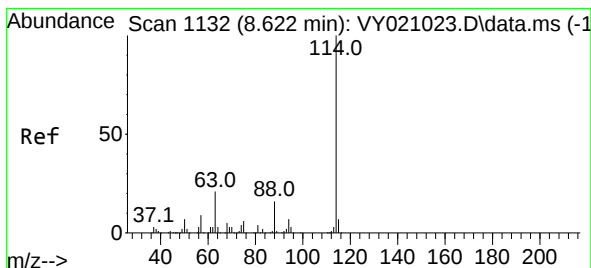
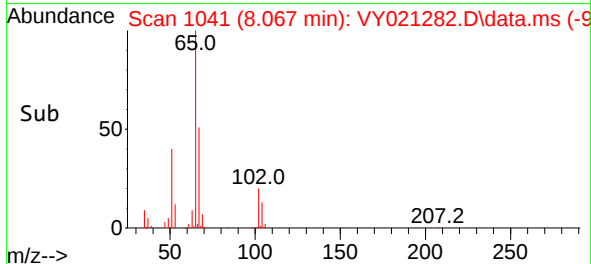
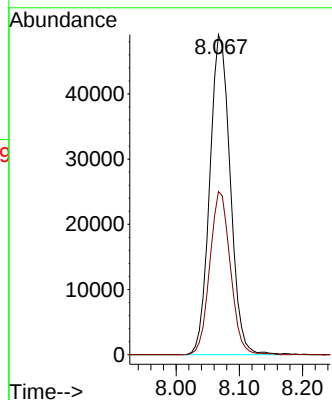
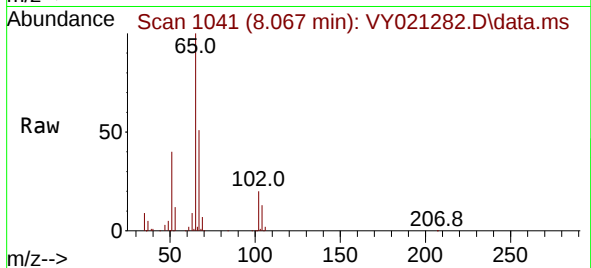
OU4-PCS-TC-14-021725

Tgt Ion: 65 Resp: 110471

Ion Ratio Lower Upper

65 100

67 51.1 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: VY021282.D

Acq: 21 Feb 2025 13:51

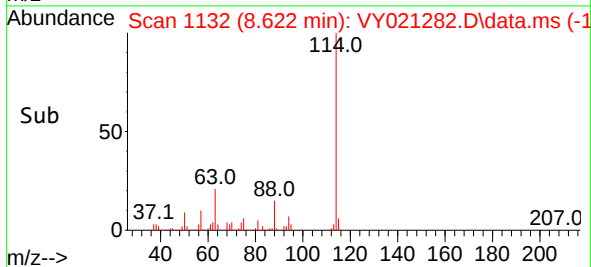
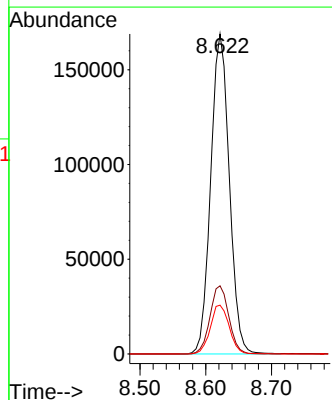
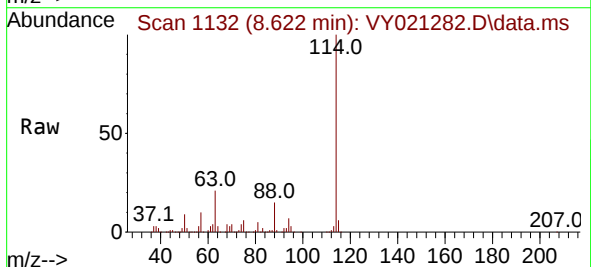
Tgt Ion: 114 Resp: 332342

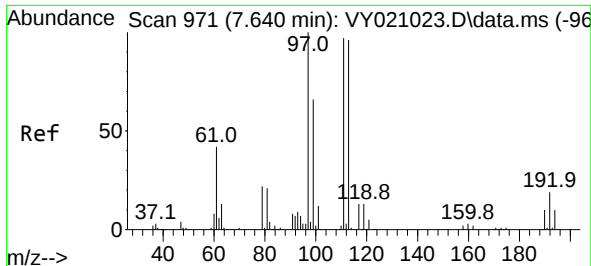
Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

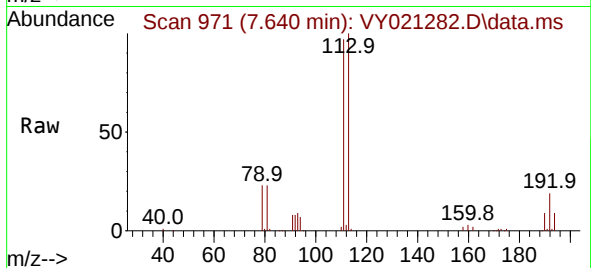
88 15.2 0.0 29.0



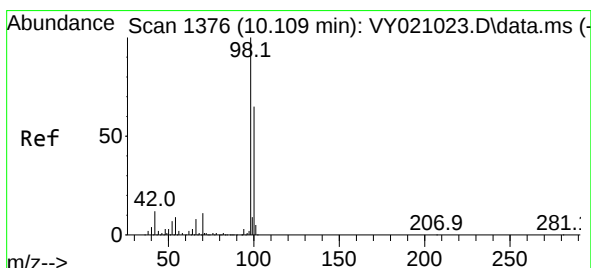
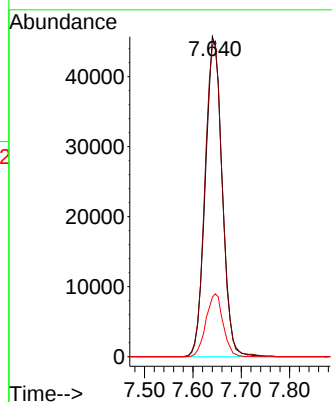
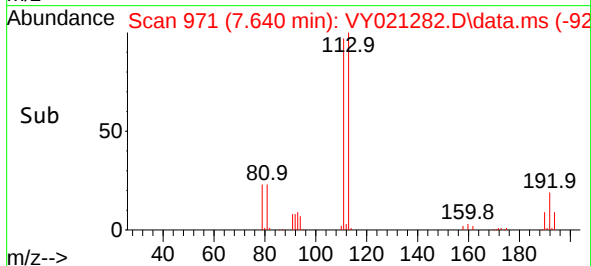


#35
 Dibromofluoromethane
 Concen: 51.987 ug/l
 RT: 7.640 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY021282.D
 Acq: 21 Feb 2025 13:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-14-021725

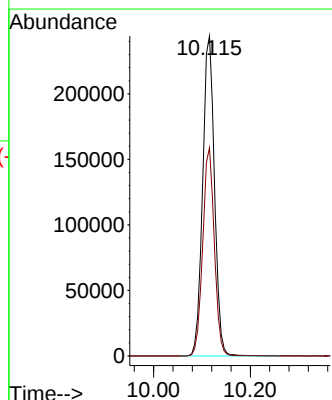
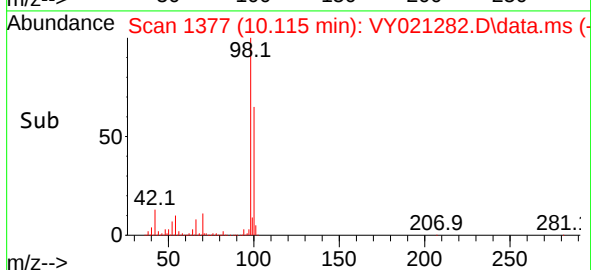
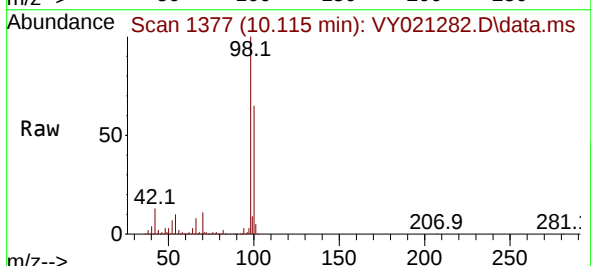


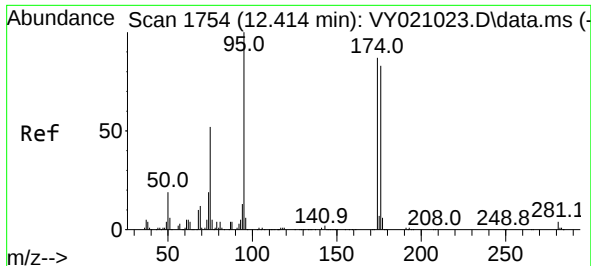
Tgt Ion:113 Resp: 110725
 Ion Ratio Lower Upper
 113 100
 111 100.4 83.8 125.6
 192 19.9 14.5 21.7



#50
 Toluene-d8
 Concen: 51.015 ug/l
 RT: 10.115 min Scan# 1377
 Delta R.T. 0.006 min
 Lab File: VY021282.D
 Acq: 21 Feb 2025 13:51

Tgt Ion: 98 Resp: 413661
 Ion Ratio Lower Upper
 98 100
 100 63.9 52.3 78.5

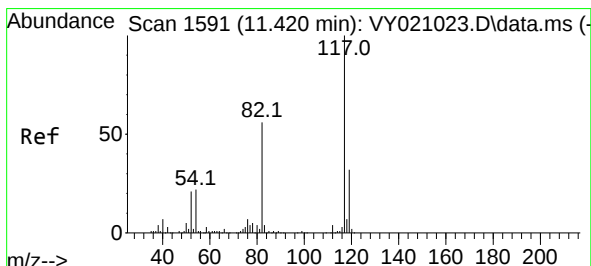
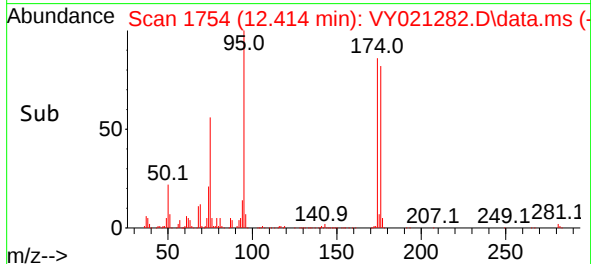
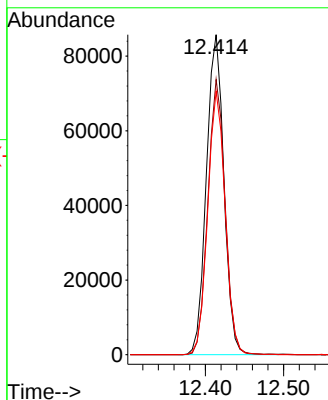
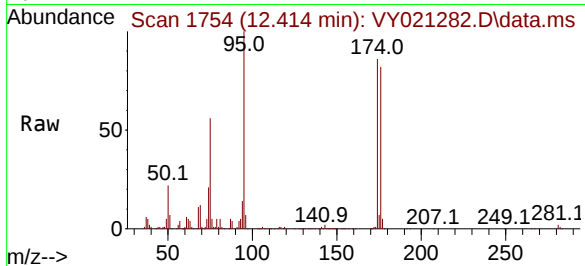




#62
4-Bromofluorobenzene
Concen: 50.176 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

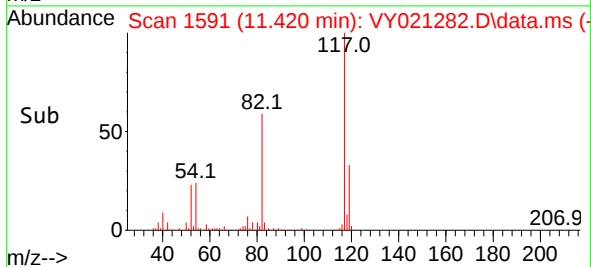
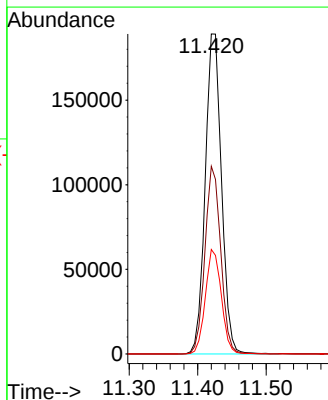
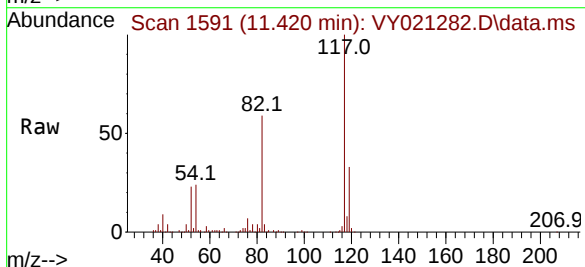
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

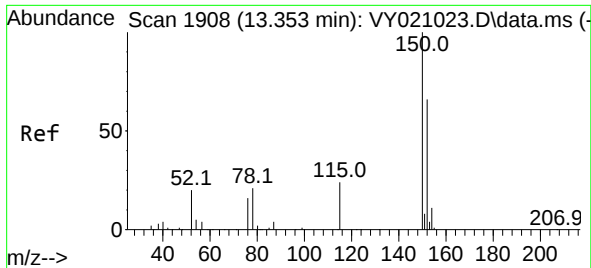
Tgt Ion:	95	Resp:	132917
Ion Ratio	Lower	Upper	
95	100		
174	85.1	0.0	160.0
176	82.0	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Tgt Ion:	117	Resp:	313144
Ion Ratio	Lower	Upper	
117	100		
82	58.6	43.8	65.8
119	32.7	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021282.D

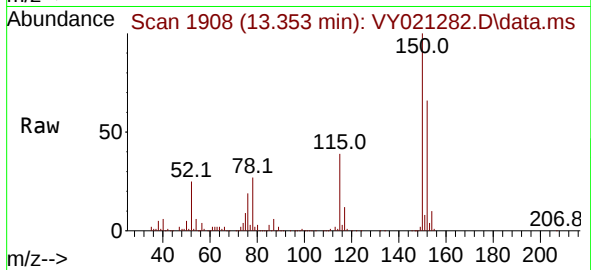
Acq: 21 Feb 2025 13:51

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-14-021725



Tgt Ion:152 Resp: 125321

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 156.9 0.0 344.6

