

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021258.D
 Acq On : 20 Feb 2025 18:39
 Operator : SY/MD
 Sample : Q1383-15
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-18-021725

Quant Time: Feb 21 02:45:02 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)

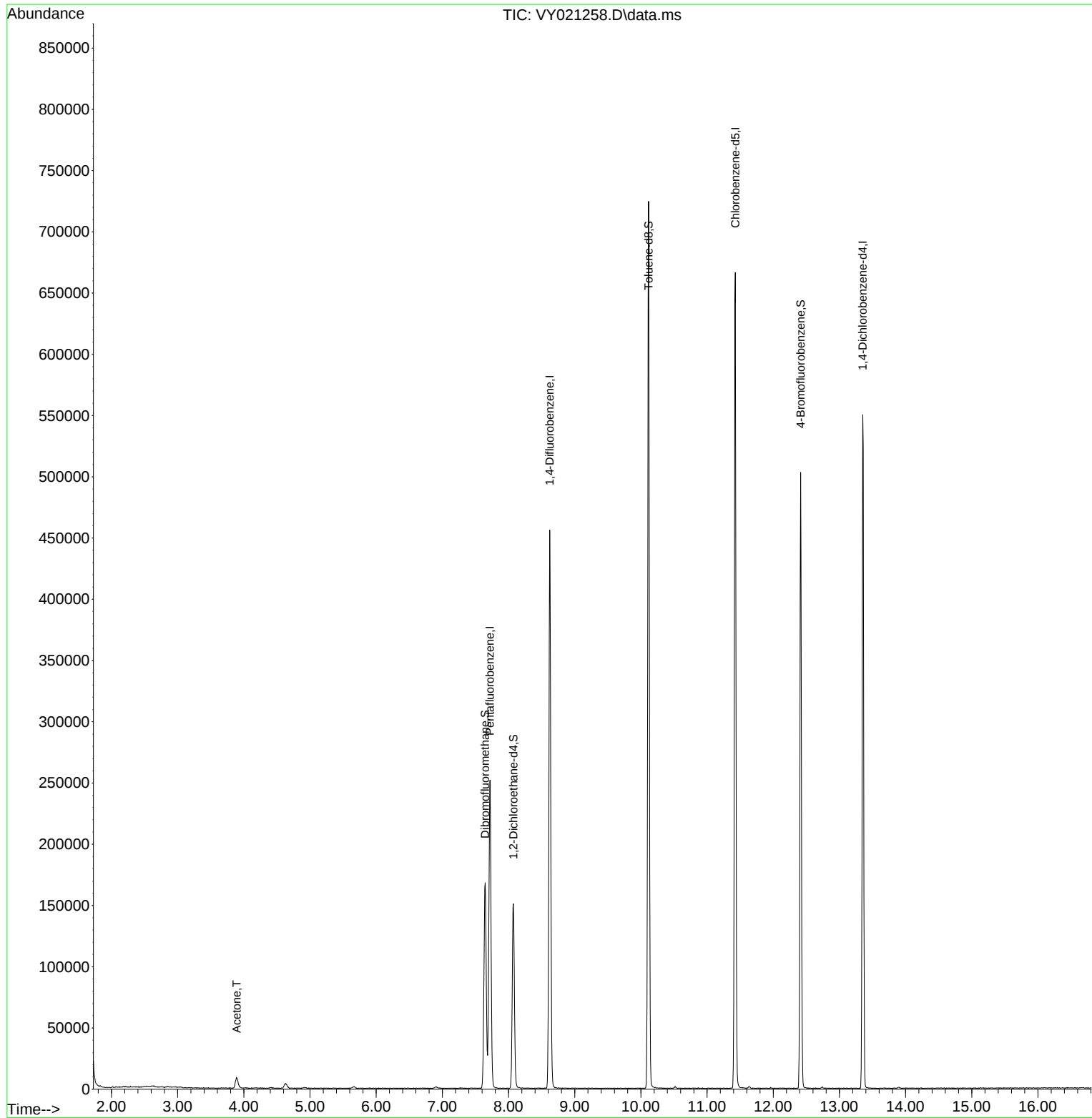
Internal Standards						
1) Pentafluorobenzene	7.719	168	190102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	365770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	342666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	134871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	122059	62.667	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.340%	
35) Dibromofluoromethane	7.646	113	120643	51.467	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.940%	
50) Toluene-d8	10.115	98	447452	50.140	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	12.414	95	144835	49.678	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.360%	
Target Compounds						
16) Acetone	3.891	43	16890	55.606	ug/l	Qvalue 96

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

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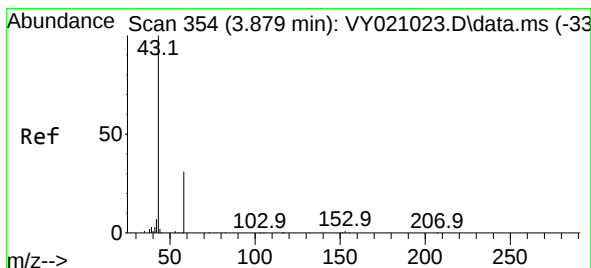
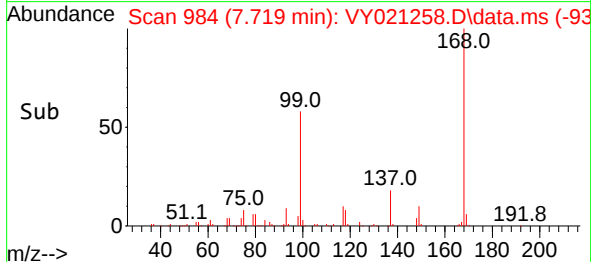
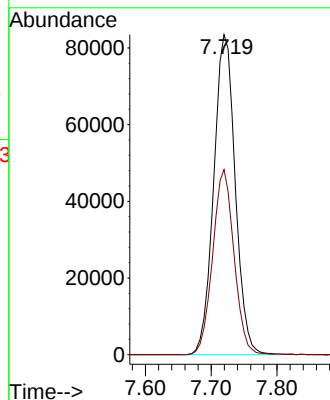
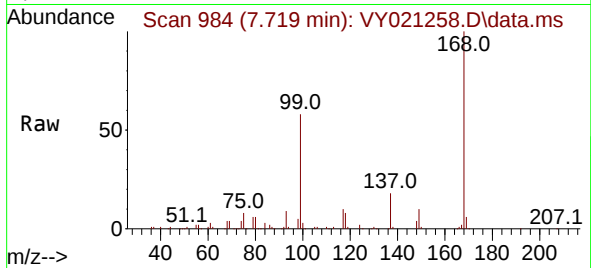




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021258.D
Acq: 20 Feb 2025 18:39

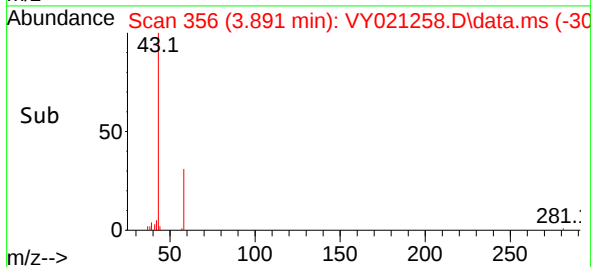
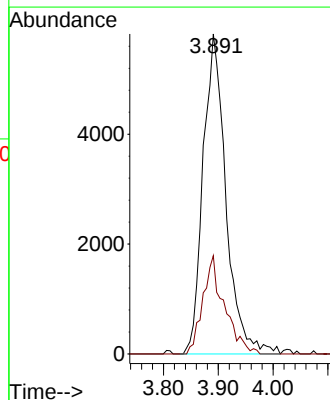
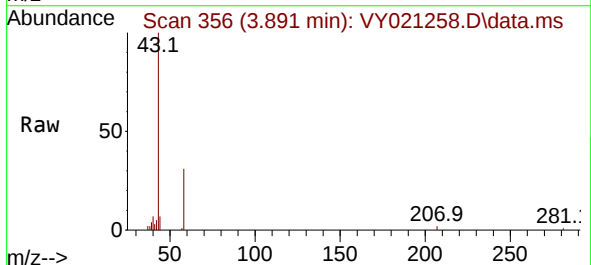
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-18-021725

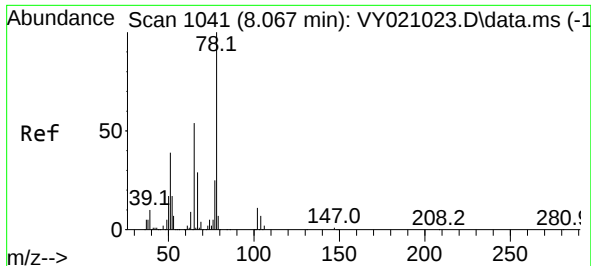
Tgt Ion:168 Resp: 190102
Ion Ratio Lower Upper
168 100
99 57.9 44.2 66.4



#16
Acetone
Concen: 55.606 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY021258.D
Acq: 20 Feb 2025 18:39

Tgt Ion: 43 Resp: 16890
Ion Ratio Lower Upper
43 100
58 30.7 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 62.667 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021258.D

Acq: 20 Feb 2025 18:39

Instrument :

MSVOA_Y

ClientSampleId :

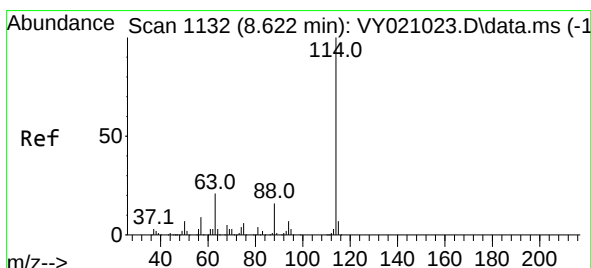
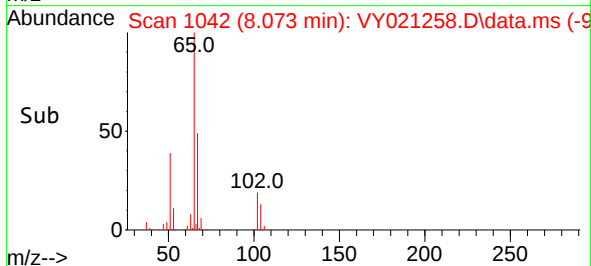
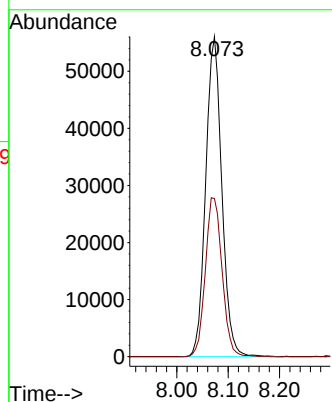
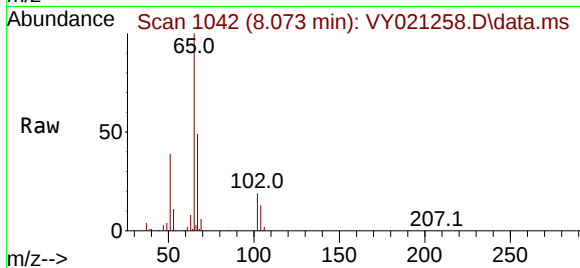
OU4-PCS-TC-18-021725

Tgt Ion: 65 Resp: 122059

Ion Ratio Lower Upper

65 100

67 51.7 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: VY021258.D

Acq: 20 Feb 2025 18:39

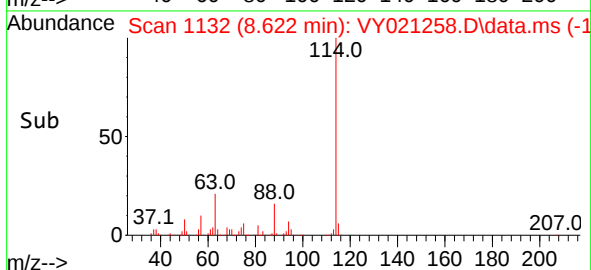
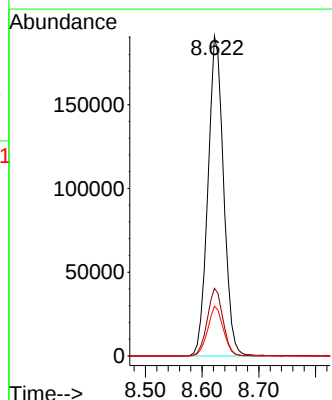
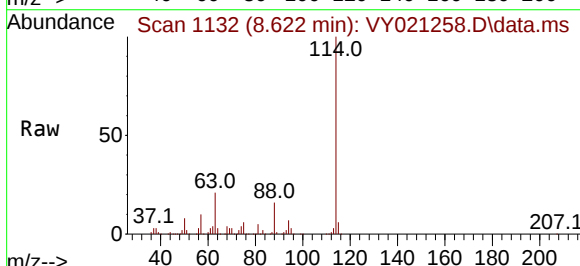
Tgt Ion:114 Resp: 365770

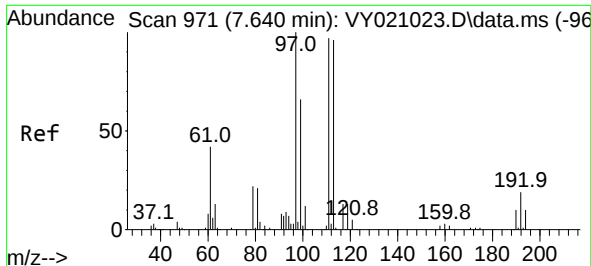
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

88 15.6 0.0 29.0

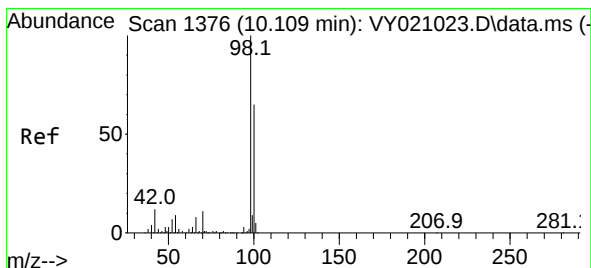
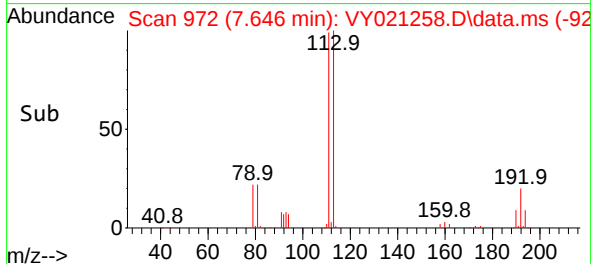
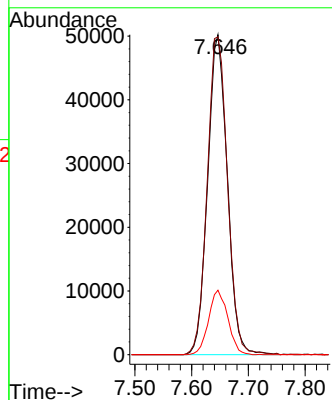
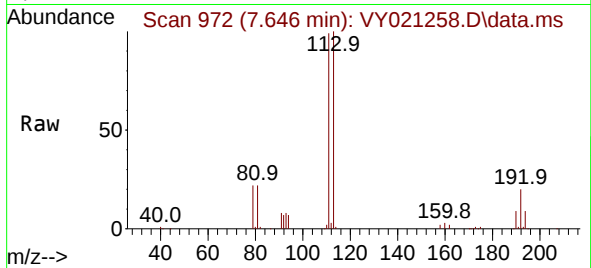




#35
Dibromofluoromethane
Concen: 51.467 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021258.D
Acq: 20 Feb 2025 18:39

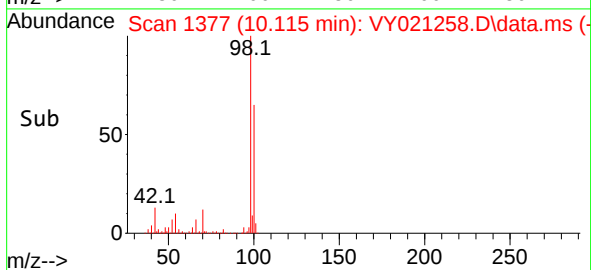
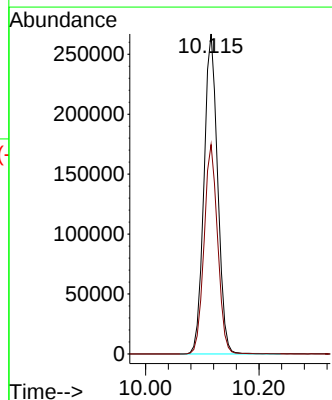
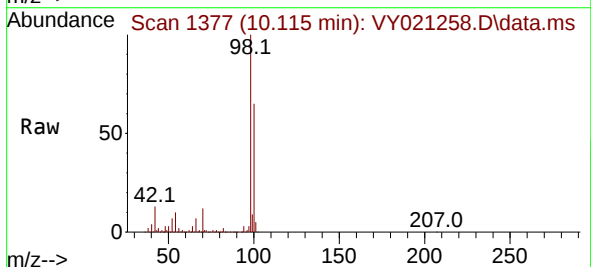
Instrument :
MSVOA_Y
ClientSampleId :
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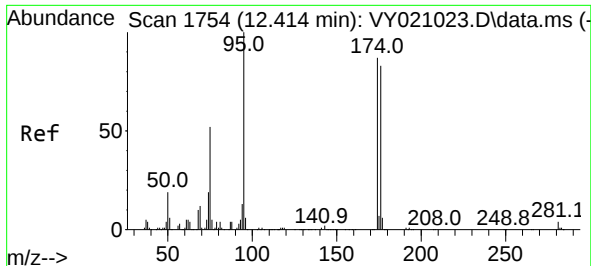
Tgt Ion:113 Resp: 120643
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 19.8 14.5 21.7



#50
Toluene-d8
Concen: 50.140 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021258.D
Acq: 20 Feb 2025 18:39

Tgt Ion: 98 Resp: 447452
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

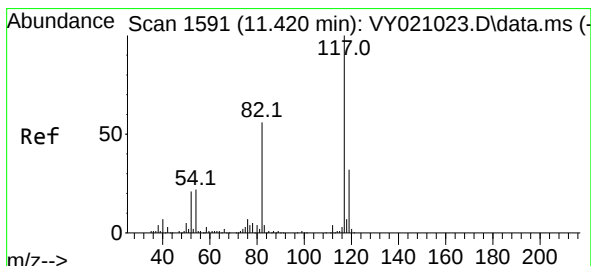
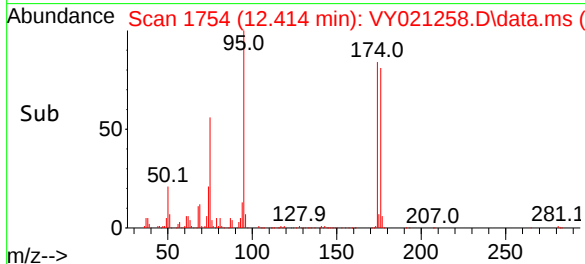
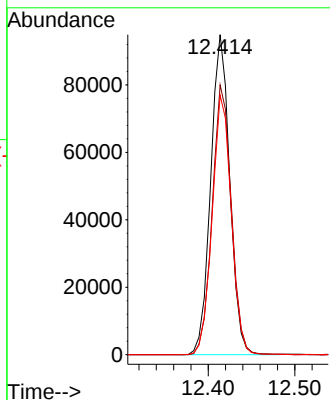
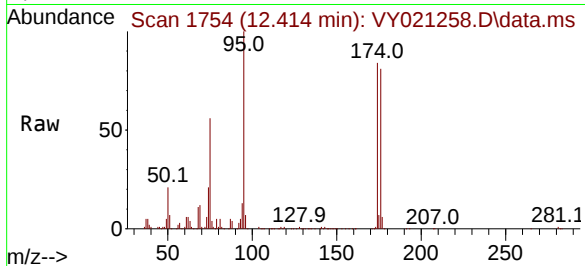




#62
4-Bromofluorobenzene
Concen: 49.678 ug/l
RT: 12.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021258.D
Acq: 20 Feb 2025 18:39

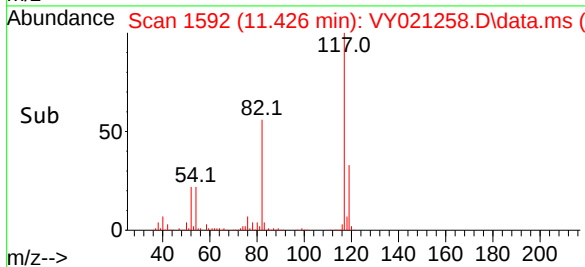
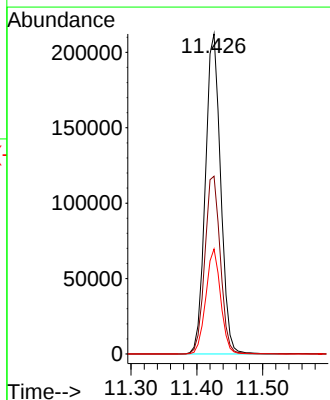
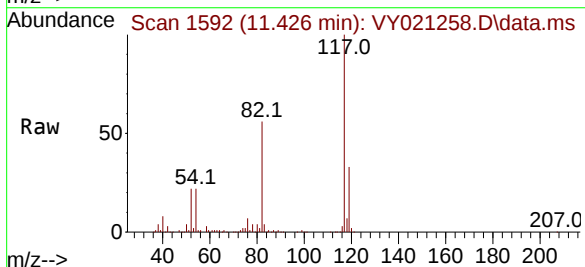
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-18-021725

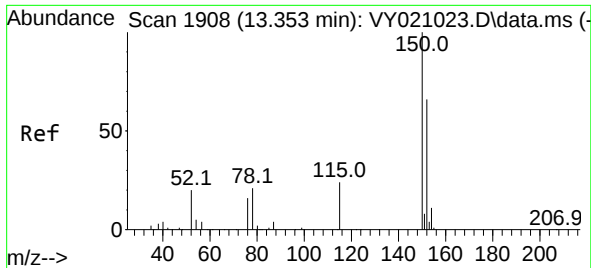
Tgt Ion: 95 Resp: 144835
Ion Ratio Lower Upper
95 100
174 84.6 0.0 160.0
176 81.4 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021258.D
Acq: 20 Feb 2025 18:39

Tgt Ion:117 Resp: 342666
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 32.8 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: VY021258.D

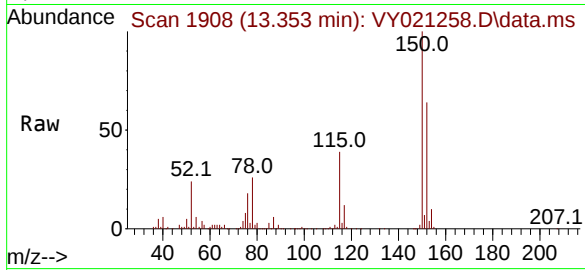
Acq: 20 Feb 2025 18:39

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-18-021725



Tgt Ion:152 Resp: 134871

Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 156.5 0.0 344.6

