

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021286.D
 Acq On : 21 Feb 2025 15:24
 Operator : SY/MD
 Sample : Q1383-15
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 21 23:08:38 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)

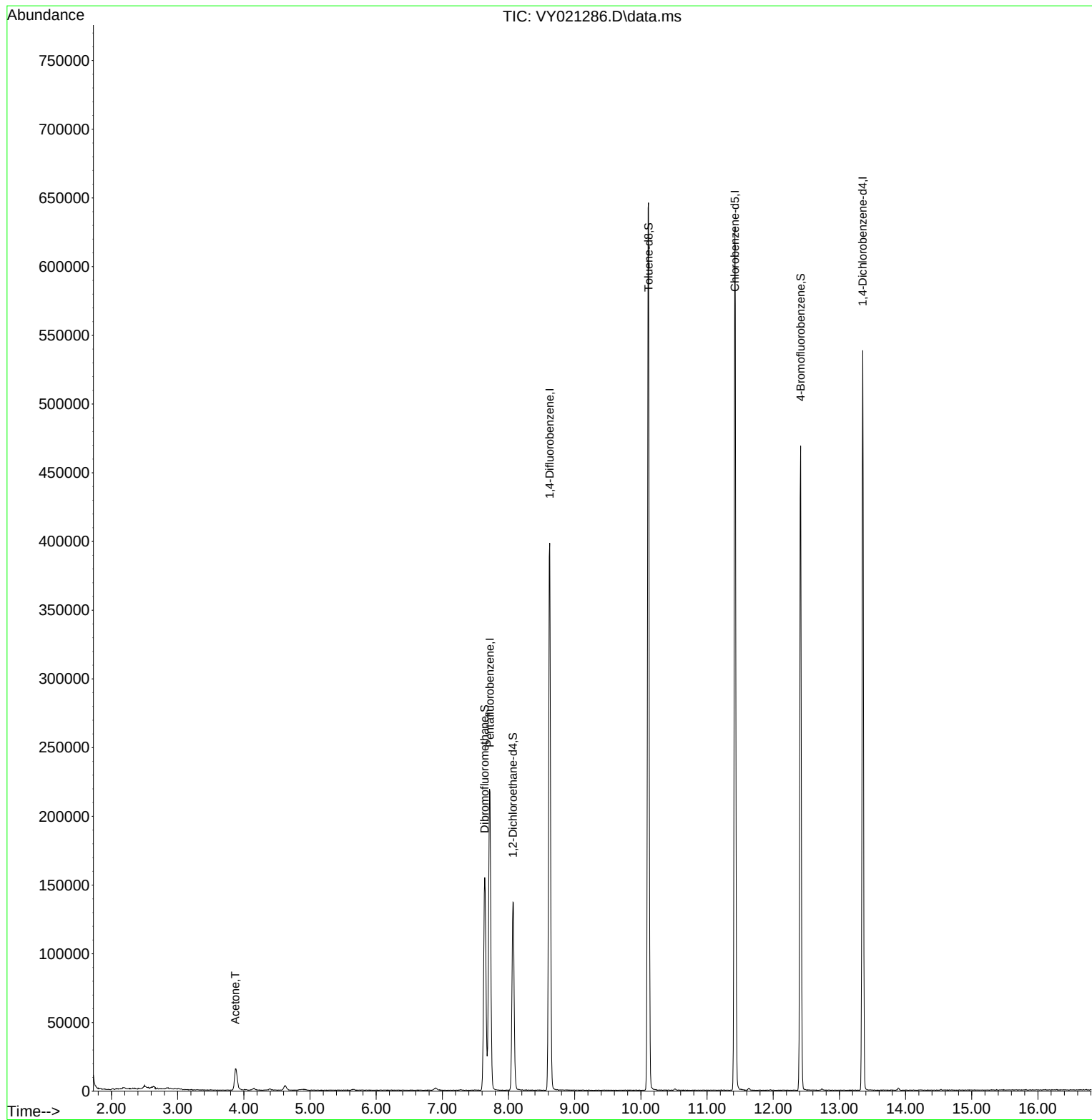
Internal Standards						
1) Pentafluorobenzene	7.719	168	168253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	327688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	315012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	126536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	112157	65.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.120%	
35) Dibromofluoromethane	7.640	113	110308	52.527	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.060%	
50) Toluene-d8	10.115	98	407398	50.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.414	95	132835	50.857	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.720%	
Target Compounds						Qvalue
16) Acetone	3.873	43	29983	111.529	ug/l	92

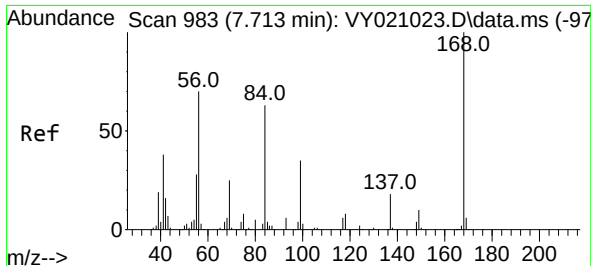
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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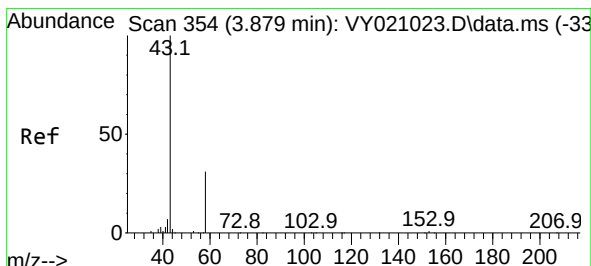
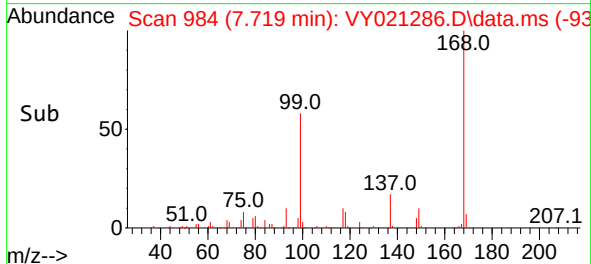
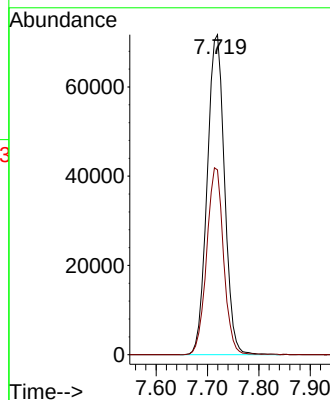
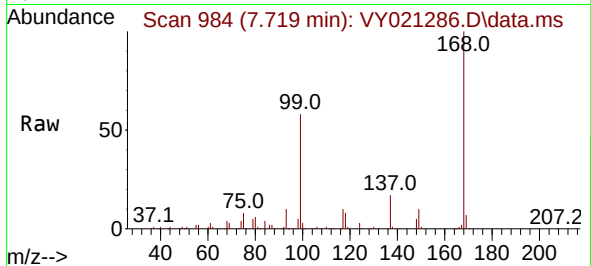




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021286.D
Acq: 21 Feb 2025 15:24

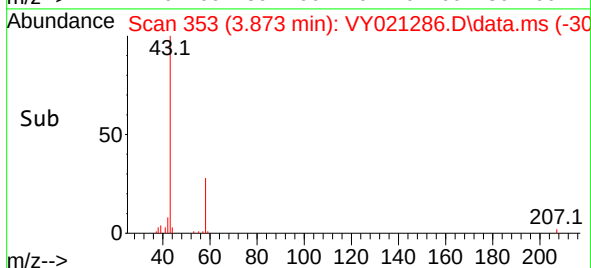
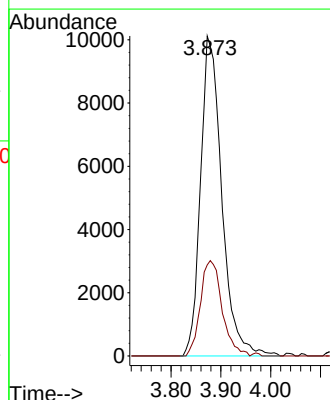
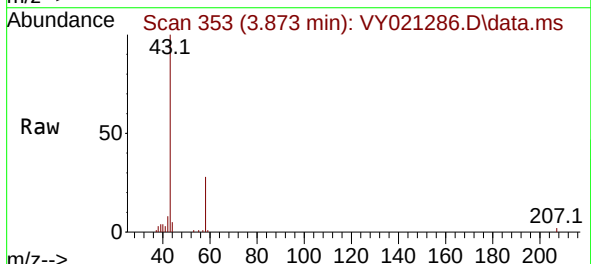
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-18-021725

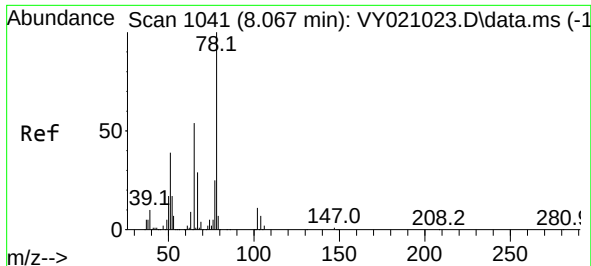
Tgt Ion:168 Resp: 168253
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4



#16
Acetone
Concen: 111.529 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021286.D
Acq: 21 Feb 2025 15:24

Tgt Ion: 43 Resp: 29983
Ion Ratio Lower Upper
43 100
58 28.5 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 65.061 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021286.D

Acq: 21 Feb 2025 15:24

Instrument :

MSVOA_Y

ClientSampleId :

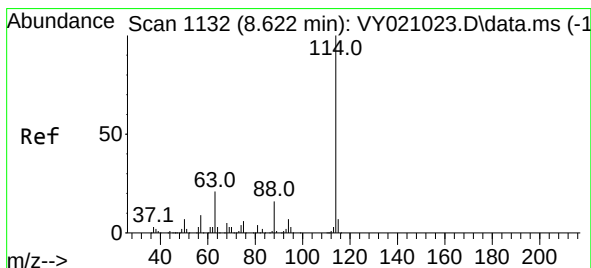
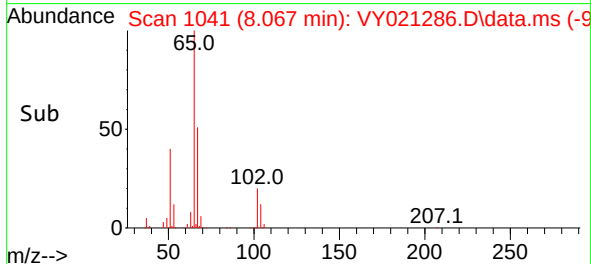
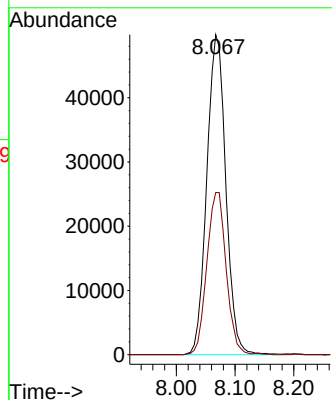
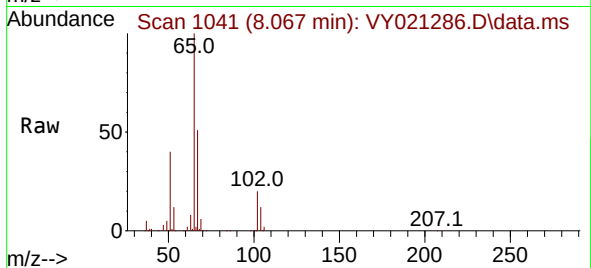
OU4-PCS-TC-18-021725

Tgt Ion: 65 Resp: 112157

Ion Ratio Lower Upper

65 100

67 51.5 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: VY021286.D

Acq: 21 Feb 2025 15:24

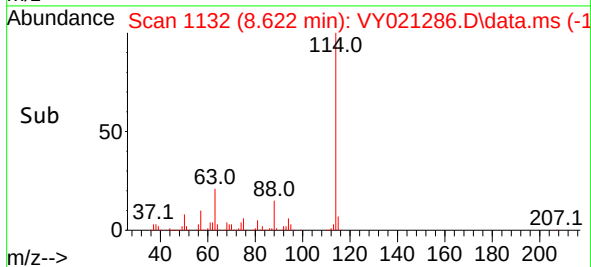
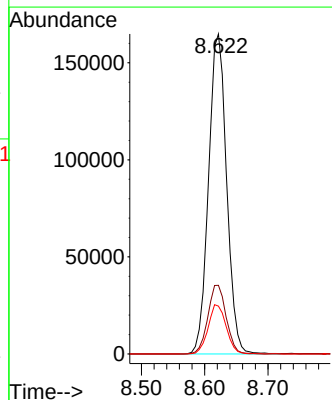
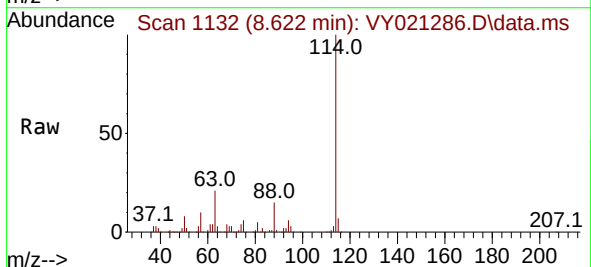
Tgt Ion: 114 Resp: 327688

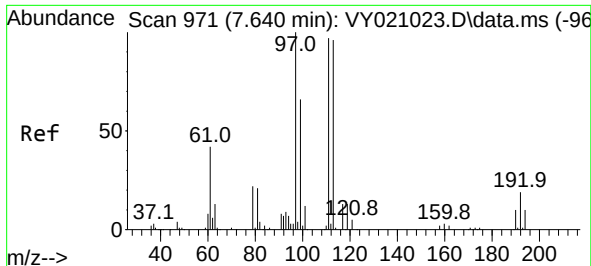
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

88 14.9 0.0 29.0

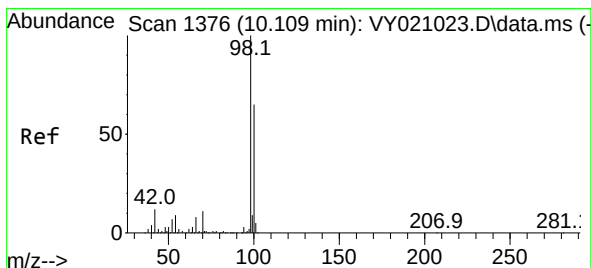
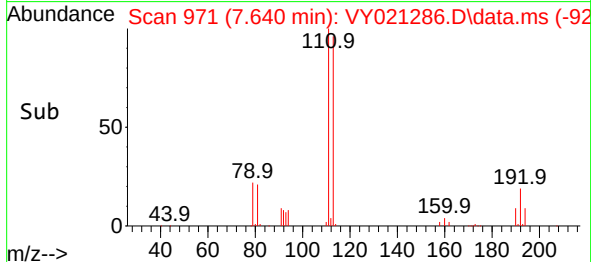
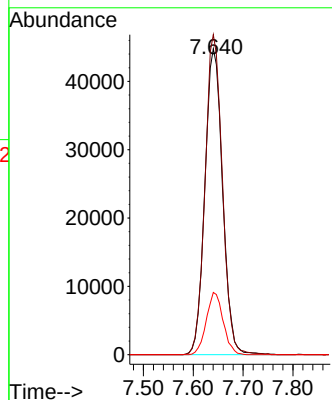
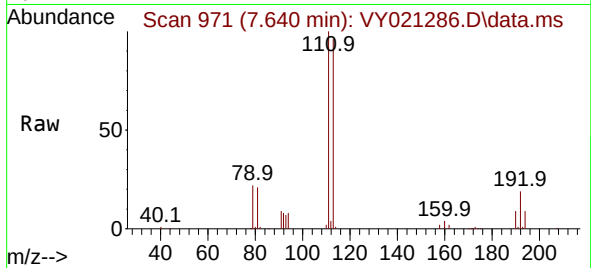




#35
Dibromofluoromethane
Concen: 52.527 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021286.D
Acq: 21 Feb 2025 15:24

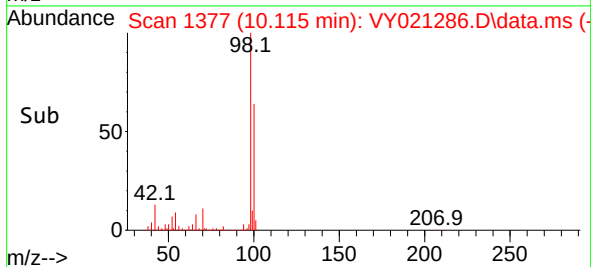
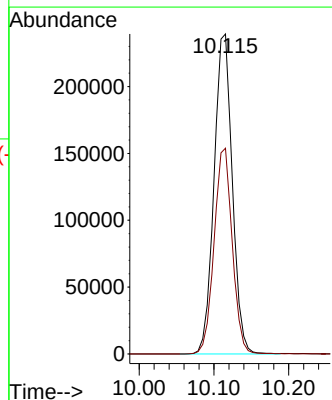
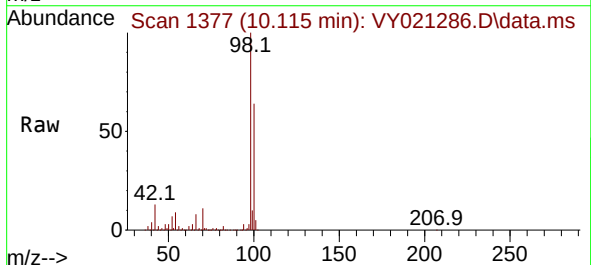
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-18-021725

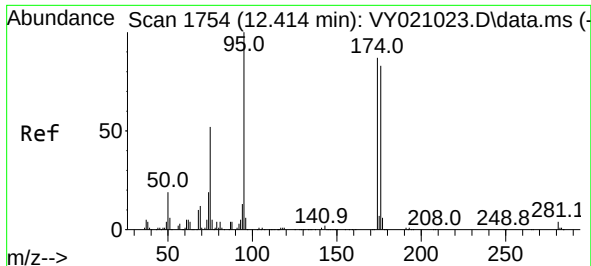
Tgt Ion:113 Resp: 110308
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 19.4 14.5 21.7



#50
Toluene-d8
Concen: 50.957 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021286.D
Acq: 21 Feb 2025 15:24

Tgt Ion: 98 Resp: 407398
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5

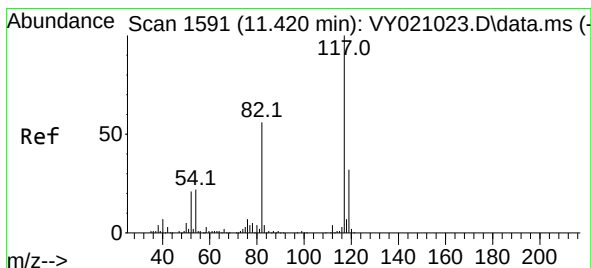
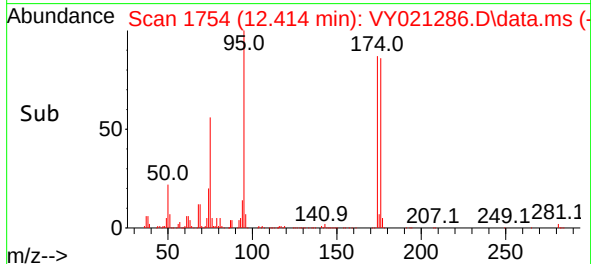
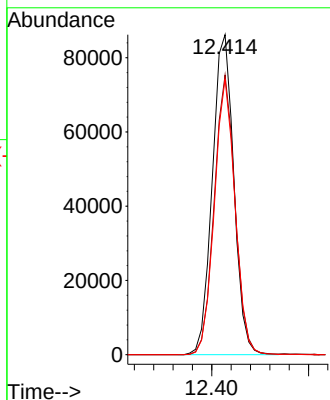
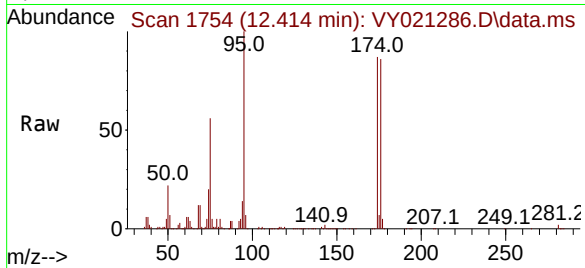




#62
4-Bromofluorobenzene
Concen: 50.857 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021286.D
Acq: 21 Feb 2025 15:24

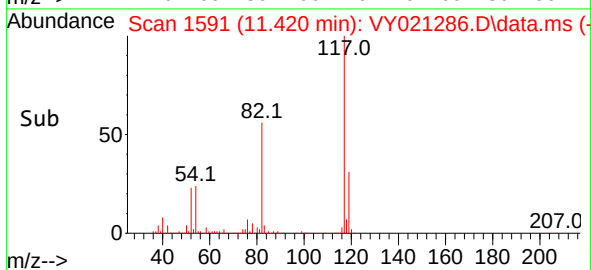
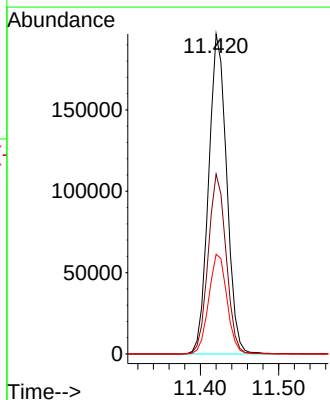
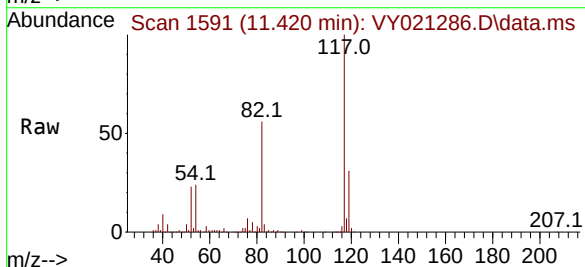
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-18-021725

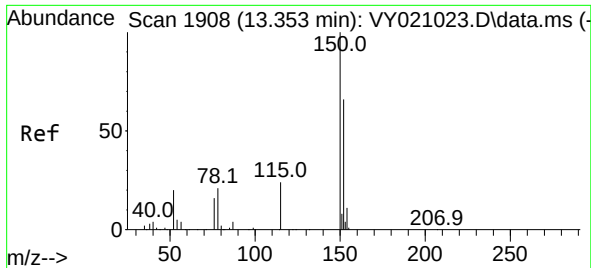
Tgt Ion:	95	Resp:	132835
Ion Ratio	Lower	Upper	
95	100		
174	84.9	0.0	160.0
176	82.9	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021286.D
Acq: 21 Feb 2025 15:24

Tgt Ion:	117	Resp:	315012
Ion Ratio	Lower	Upper	
117	100		
82	56.2	43.8	65.8
119	31.2	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: VY021286.D
 Acq: 21 Feb 2025 15:24

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

Tgt Ion:152 Resp: 126536
 Ion Ratio Lower Upper
 152 100
 115 57.9 30.0 90.0
 150 157.5 0.0 344.6

