

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021288.D
 Acq On : 21 Feb 2025 16:10
 Operator : SY/MD
 Sample : Q1383-19
 Misc : 5.58g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-20-021725

Quant Time: Feb 21 23:09:12 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)

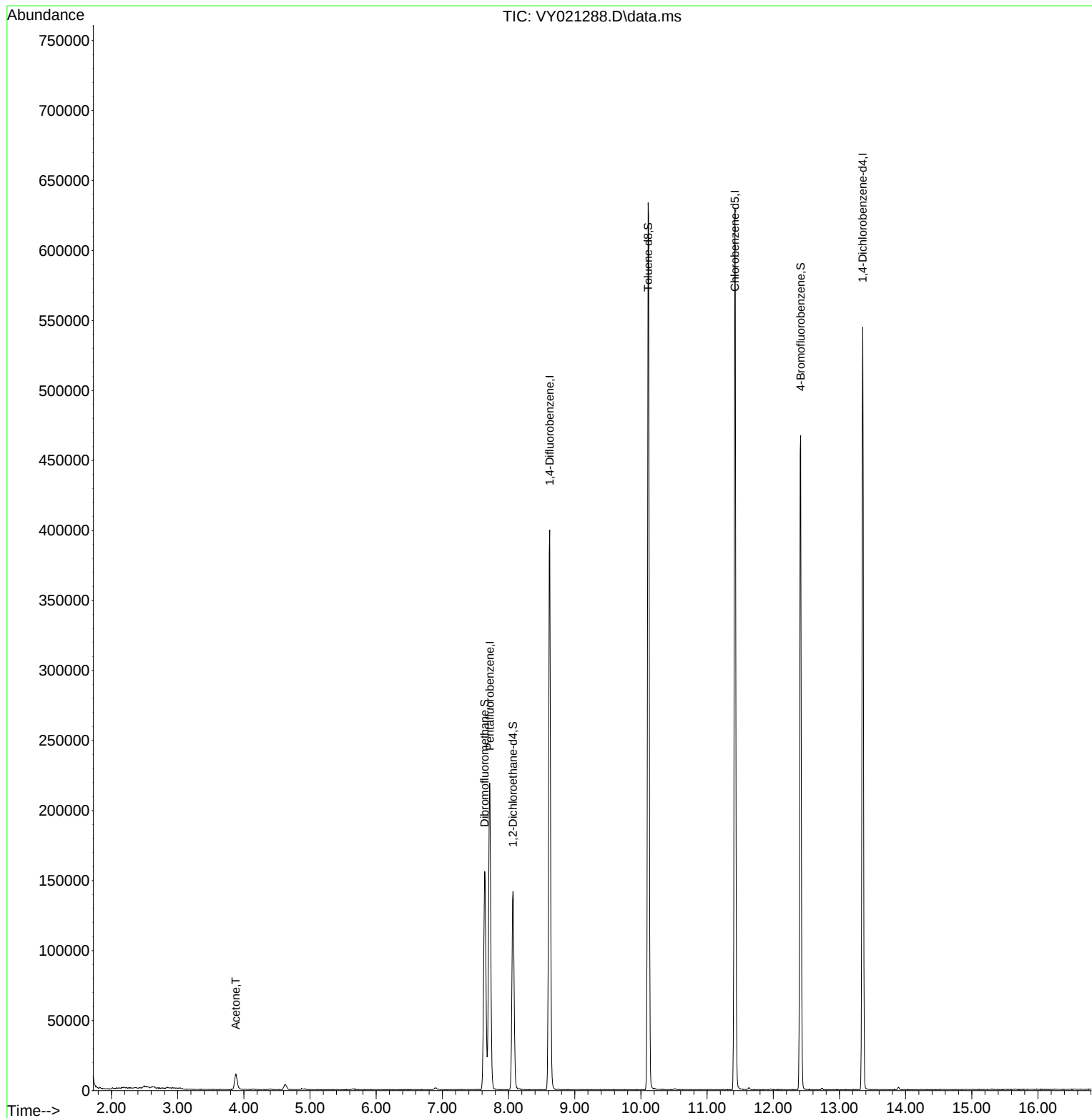
Internal Standards						
1) Pentafluorobenzene	7.720	168	164933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	323735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	313938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	130553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	115126	68.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.260%	
35) Dibromofluoromethane	7.640	113	108212	52.158	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.320%	
50) Toluene-d8	10.109	98	402427	50.949	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	12.414	95	133361	51.682	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.360%	
Target Compounds						Qvalue
16) Acetone	3.879	43	20132	76.393	ug/l	96

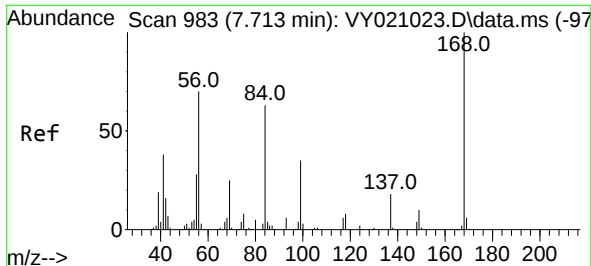
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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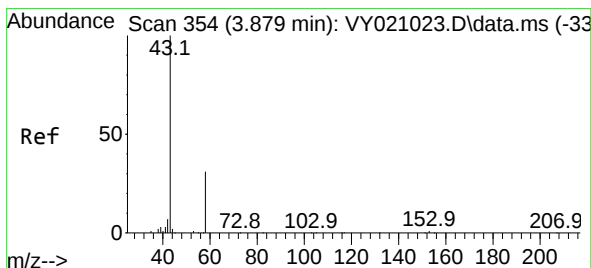
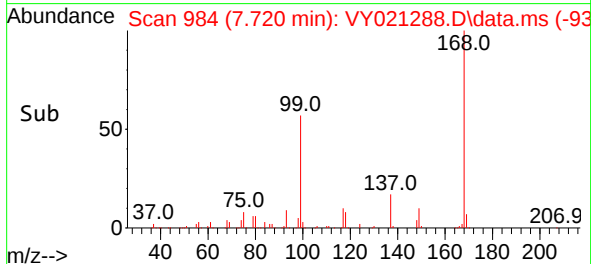
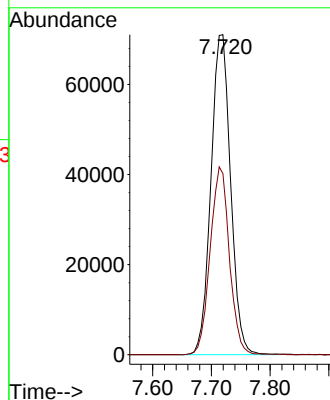
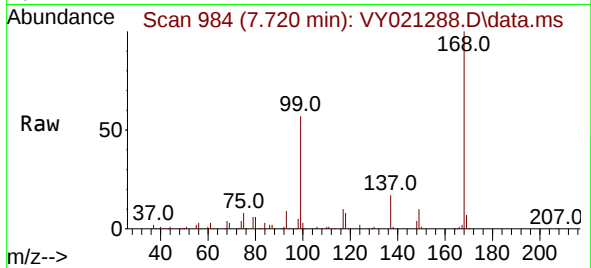




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY021288.D
Acq: 21 Feb 2025 16:10

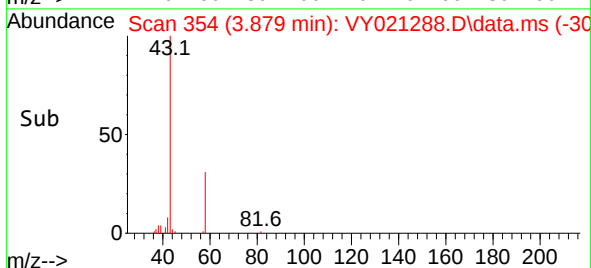
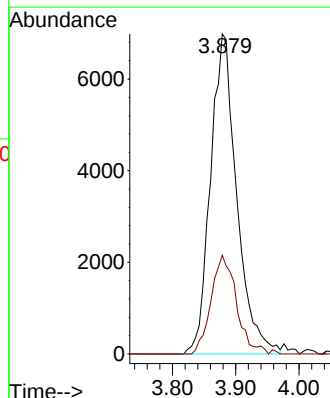
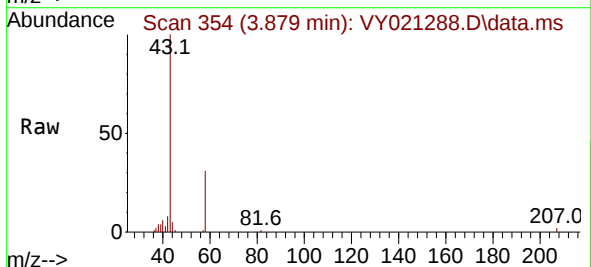
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-20-021725

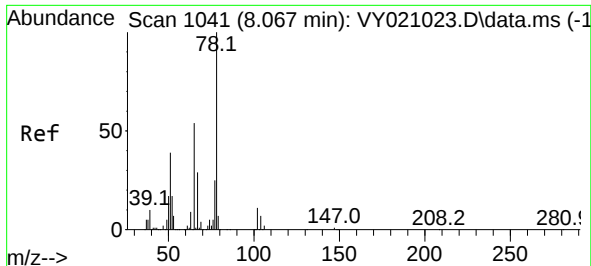
Tgt Ion:168 Resp: 164933
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#16
Acetone
Concen: 76.393 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021288.D
Acq: 21 Feb 2025 16:10

Tgt Ion: 43 Resp: 20132
Ion Ratio Lower Upper
43 100
58 30.8 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 68.127 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021288.D

Acq: 21 Feb 2025 16:10

Instrument :

MSVOA_Y

ClientSampleId :

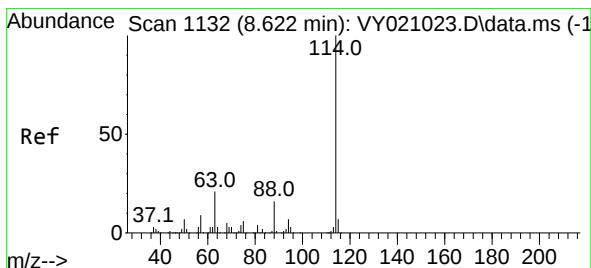
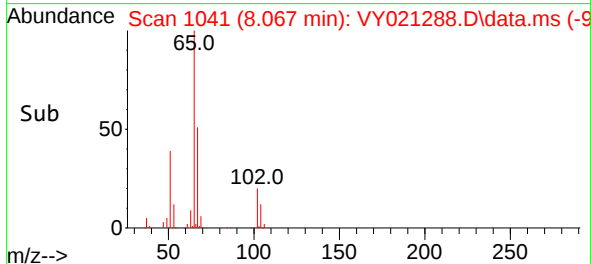
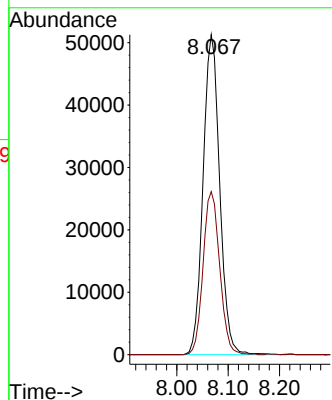
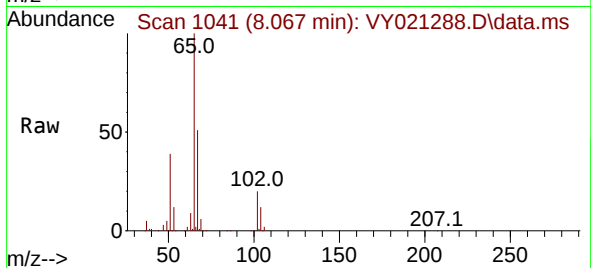
OU4-PCS-TC-20-021725

Tgt Ion: 65 Resp: 115126

Ion Ratio Lower Upper

65 100

67 51.0 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: VY021288.D

Acq: 21 Feb 2025 16:10

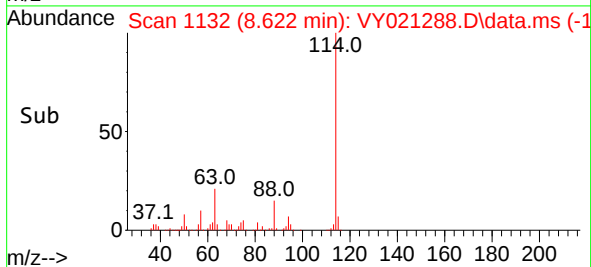
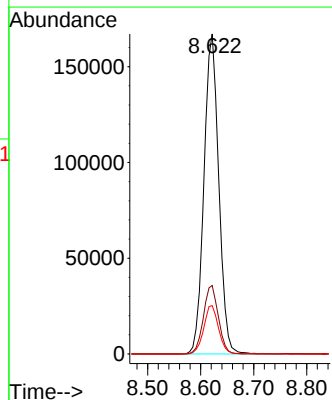
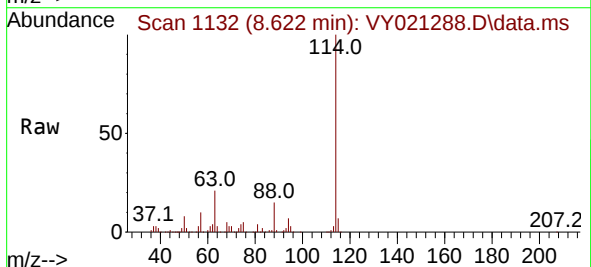
Tgt Ion: 114 Resp: 323735

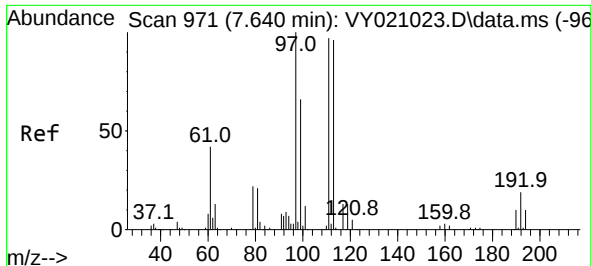
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.4

88 15.1 0.0 29.0

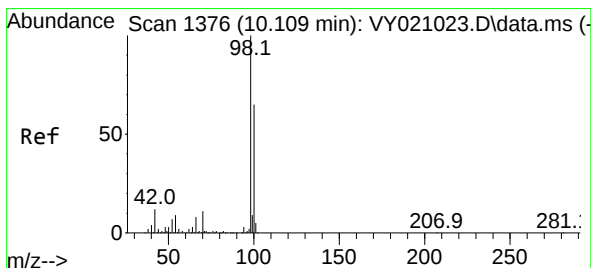
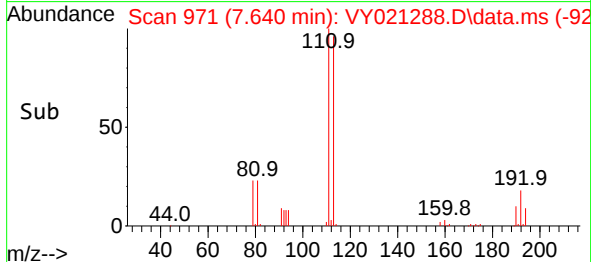
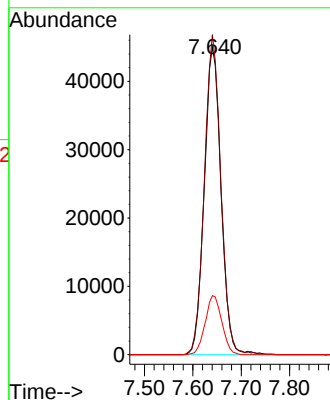
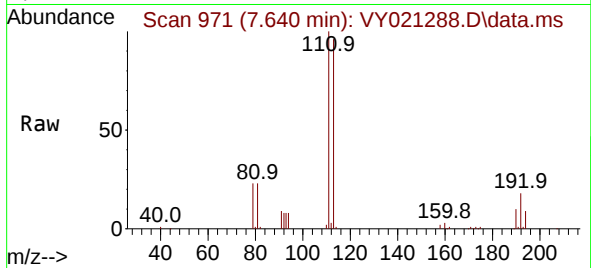




#35
Dibromofluoromethane
Concen: 52.158 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021288.D
Acq: 21 Feb 2025 16:10

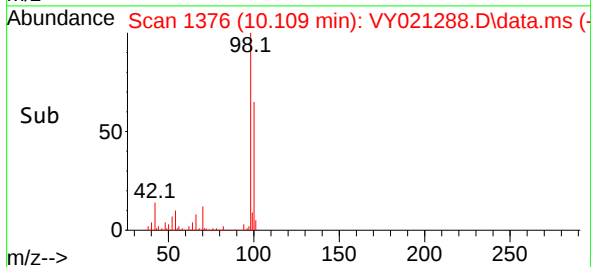
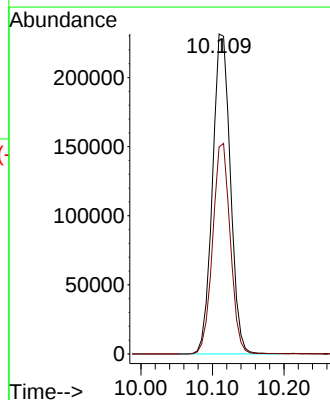
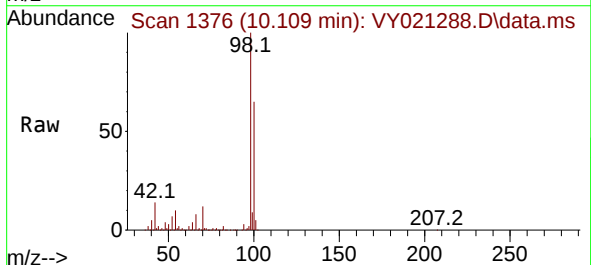
Instrument :
MSVOA_Y
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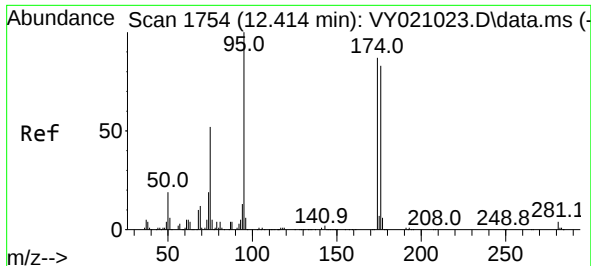
Tgt Ion:113 Resp: 108212
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 19.1 14.5 21.7



#50
Toluene-d8
Concen: 50.949 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021288.D
Acq: 21 Feb 2025 16:10

Tgt Ion: 98 Resp: 402427
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

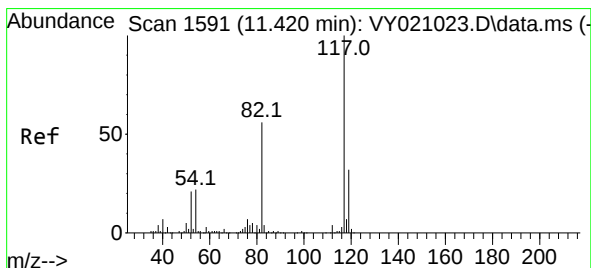
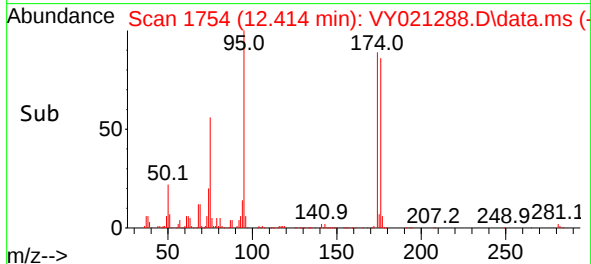
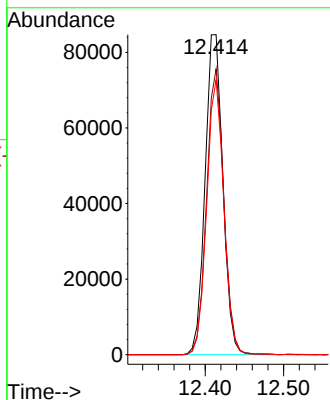
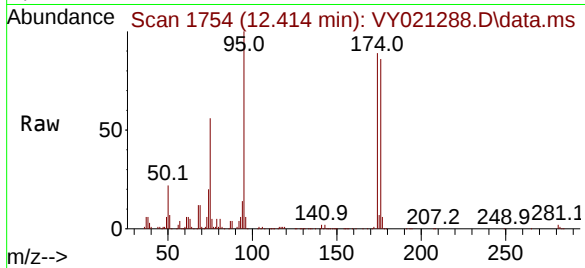




#62
4-Bromofluorobenzene
Concen: 51.682 ug/l
RT: 12.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021288.D
Acq: 21 Feb 2025 16:10

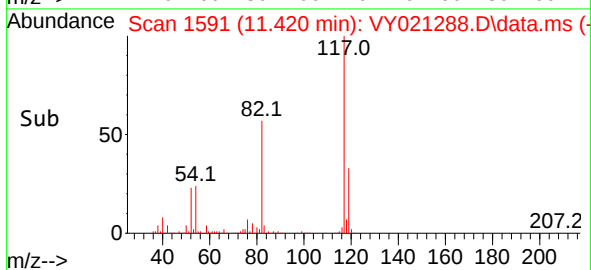
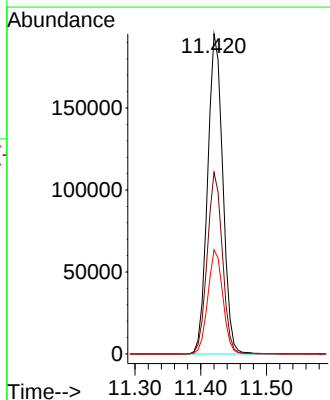
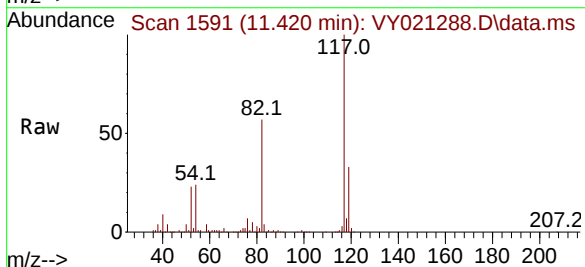
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-20-021725

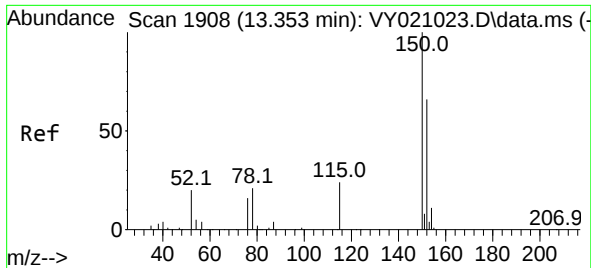
Tgt Ion:	95	Resp:	133361
Ion Ratio	Lower	Upper	
95	100		
174	86.8	0.0	160.0
176	82.7	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021288.D
Acq: 21 Feb 2025 16:10

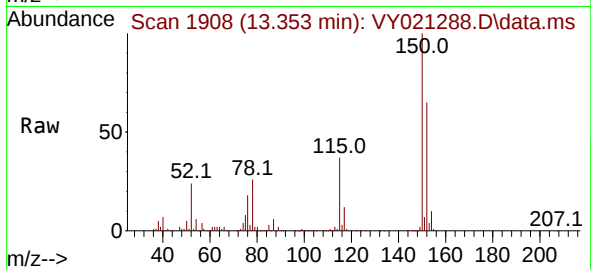
Tgt Ion:	117	Resp:	313938
Ion Ratio	Lower	Upper	
117	100		
82	56.8	43.8	65.8
119	32.5	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY021288.D
 Acq: 21 Feb 2025 16:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-20-021725



Tgt Ion:152 Resp: 130553
 Ion Ratio Lower Upper
 152 100
 115 58.1 30.0 90.0
 150 155.7 0.0 344.6

