

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021284.D
 Acq On : 21 Feb 2025 14:37
 Operator : SY/MD
 Sample : Q1383-11
 Misc : 5.73g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-16-021725

Quant Time: Feb 21 23:08:04 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)

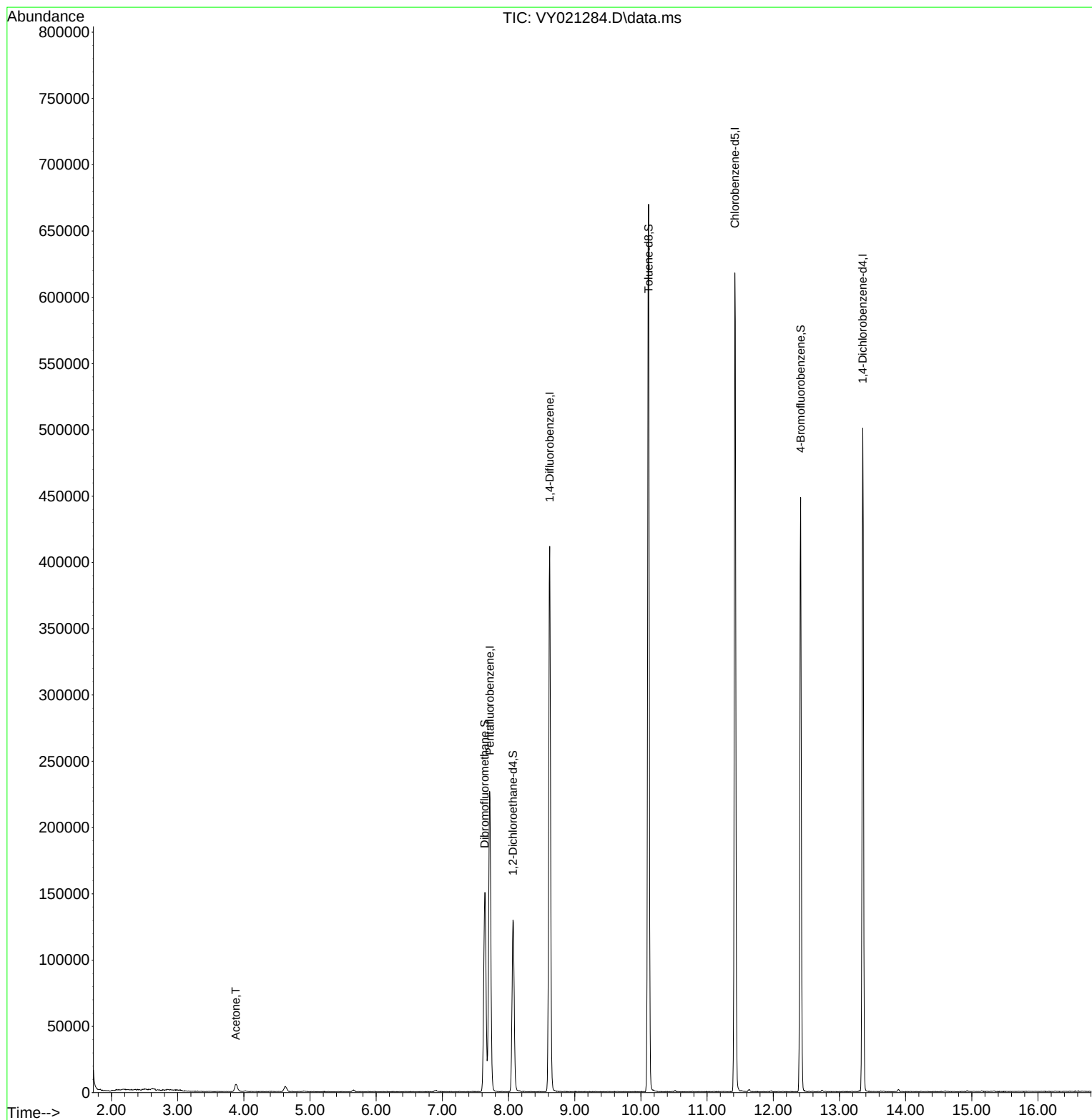
Internal Standards						
1) Pentafluorobenzene	7.719	168	172558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	334339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	309204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	118737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	105533	59.691	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.380%	
35) Dibromofluoromethane	7.640	113	108116	50.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.115	98	412662	50.588	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.180%	
62) 4-Bromofluorobenzene	12.414	95	129364	48.543	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.080%	
Target Compounds						
16) Acetone	3.879	43	10774	39.077	ug/l	Qvalue # 85

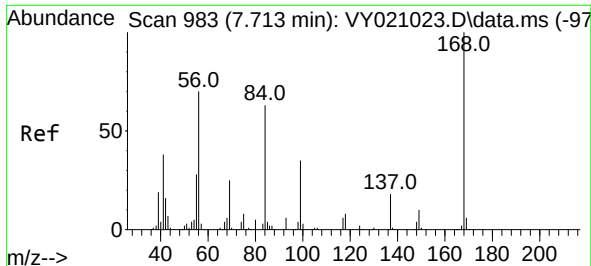
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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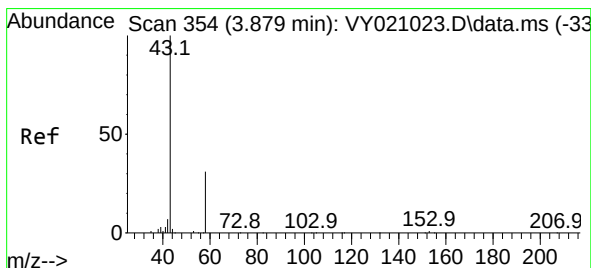
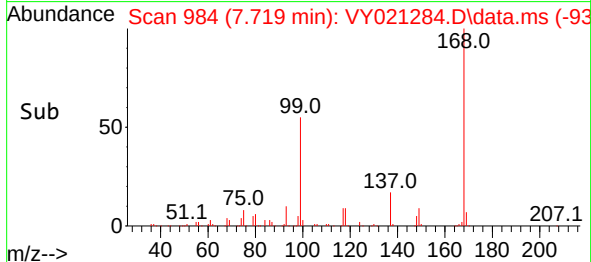
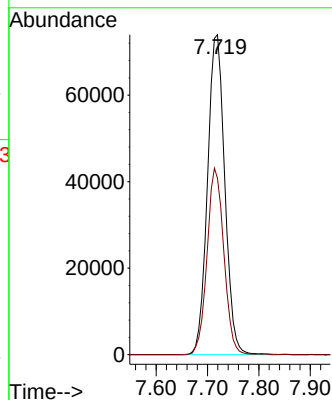
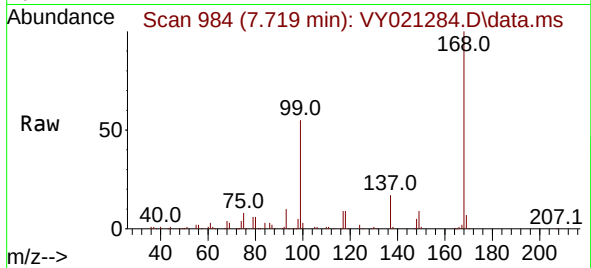




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021284.D
Acq: 21 Feb 2025 14:37

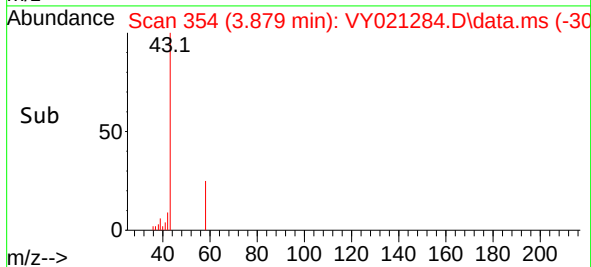
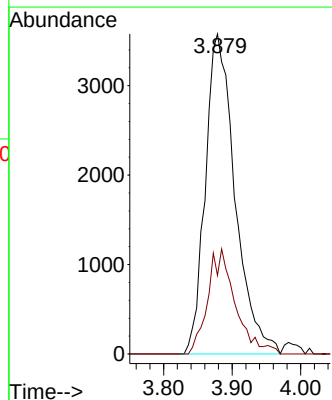
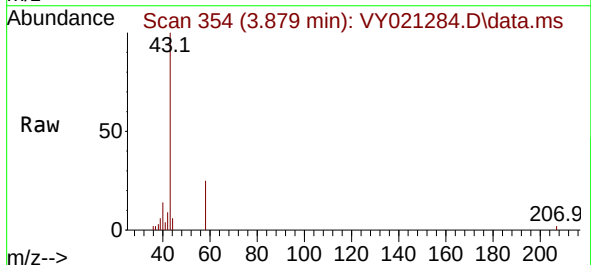
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-16-021725

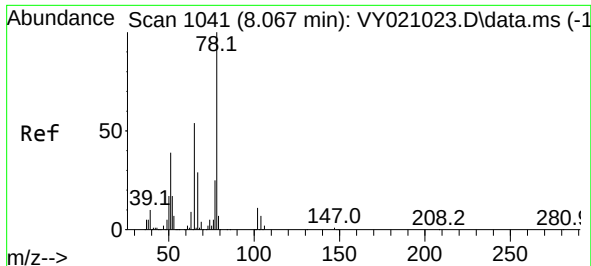
Tgt Ion:168 Resp: 172558
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4



#16
Acetone
Concen: 39.077 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021284.D
Acq: 21 Feb 2025 14:37

Tgt Ion: 43 Resp: 10774
Ion Ratio Lower Upper
43 100
58 24.5 26.6 39.8#





#33

1,2-Dichloroethane-d4

Concen: 59.691 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021284.D

Acq: 21 Feb 2025 14:37

Instrument :

MSVOA_Y

ClientSampleId :

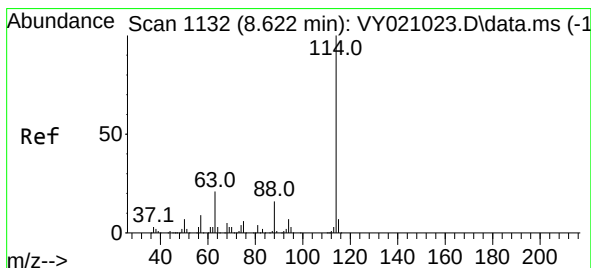
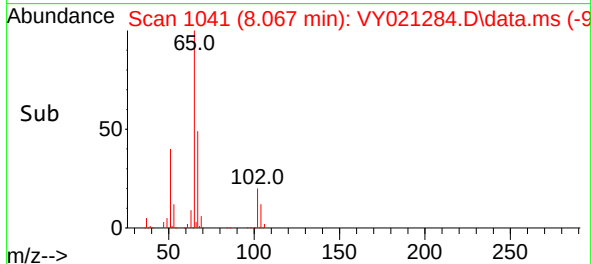
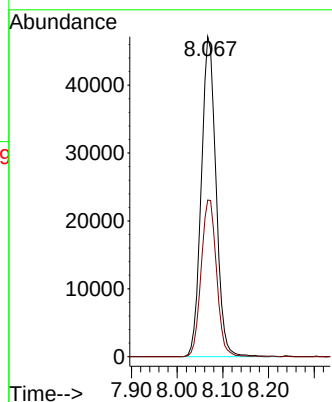
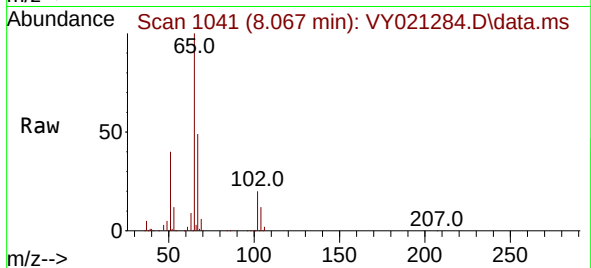
OU4-PCS-TC-16-021725

Tgt Ion: 65 Resp: 105533

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: VY021284.D

Acq: 21 Feb 2025 14:37

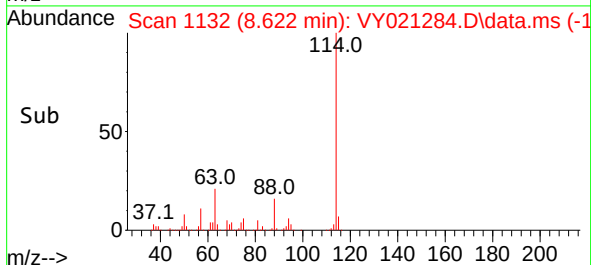
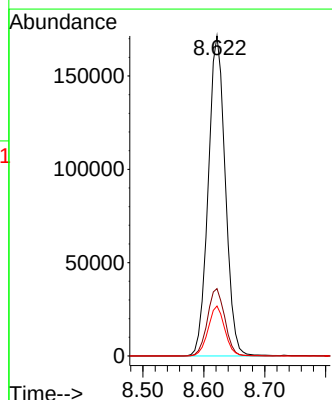
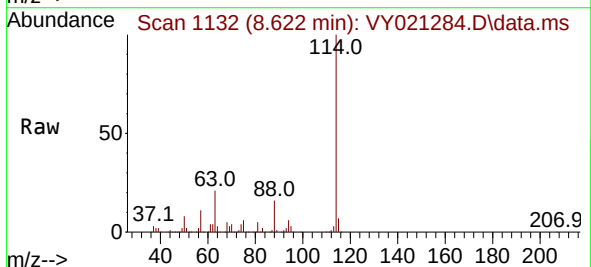
Tgt Ion: 114 Resp: 334339

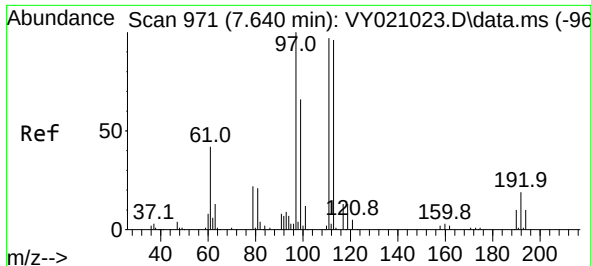
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

88 15.6 0.0 29.0

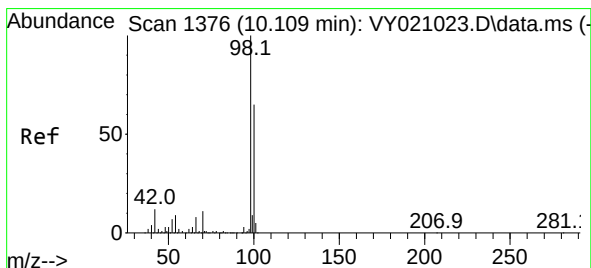
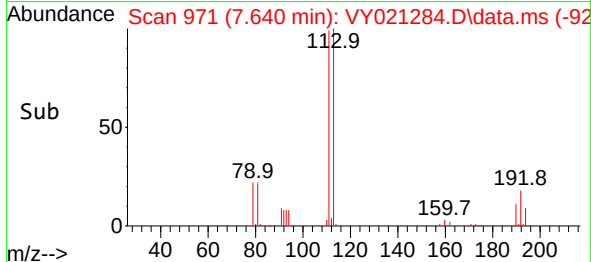
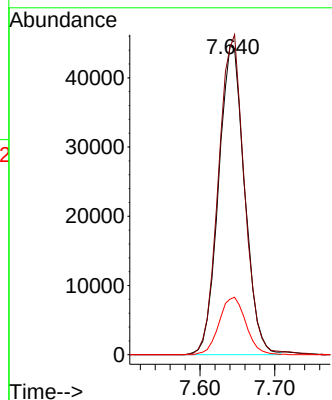
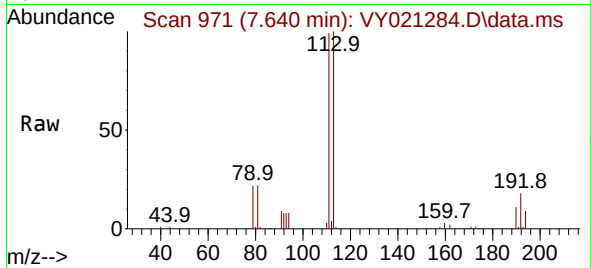




#35
Dibromofluoromethane
Concen: 50.459 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021284.D
Acq: 21 Feb 2025 14:37

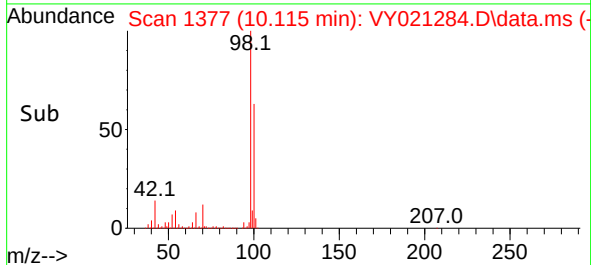
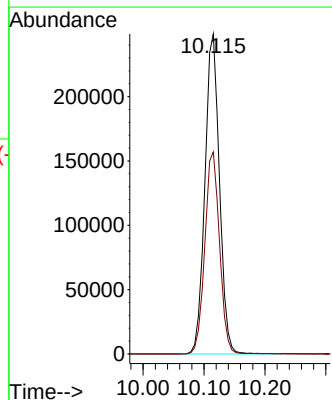
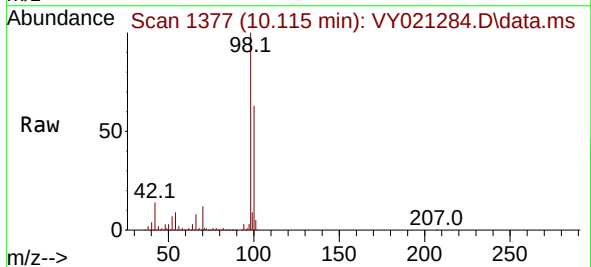
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-16-021725

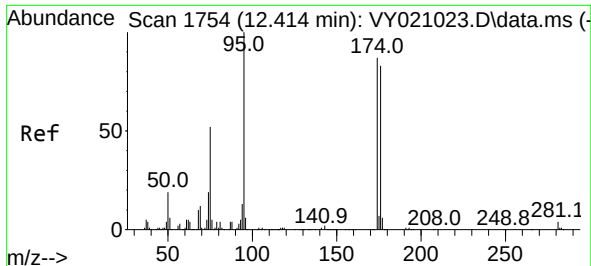
Tgt Ion:113 Resp: 108116
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 19.1 14.5 21.7



#50
Toluene-d8
Concen: 50.588 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021284.D
Acq: 21 Feb 2025 14:37

Tgt Ion: 98 Resp: 412662
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5

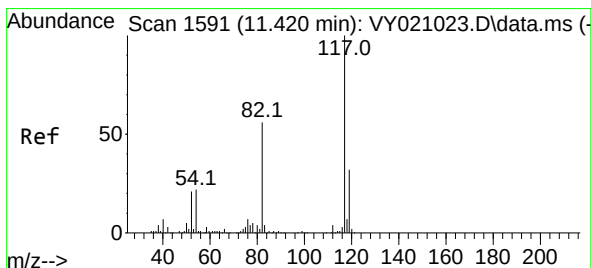
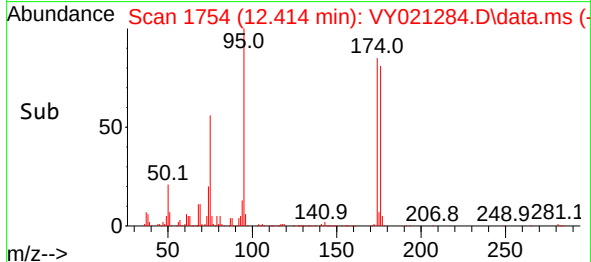
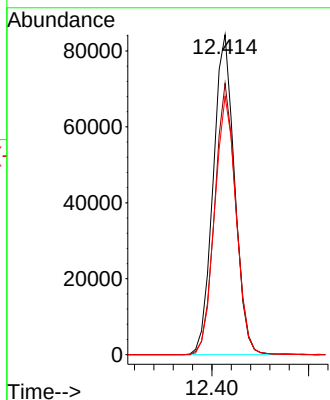
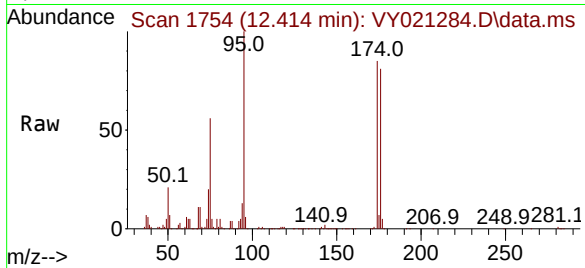




#62
4-Bromofluorobenzene
Concen: 48.543 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021284.D
Acq: 21 Feb 2025 14:37

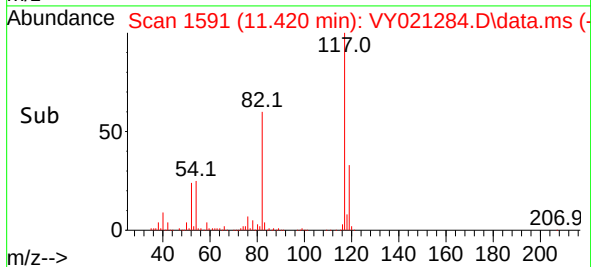
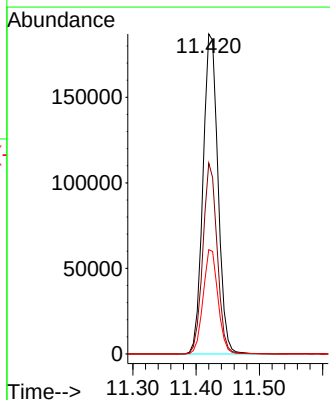
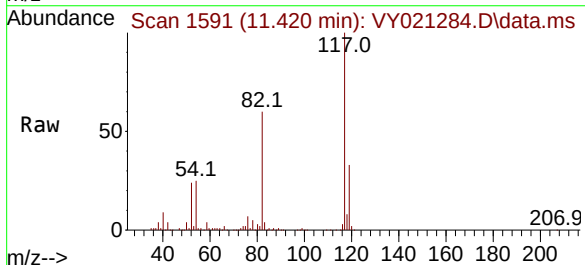
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-16-021725

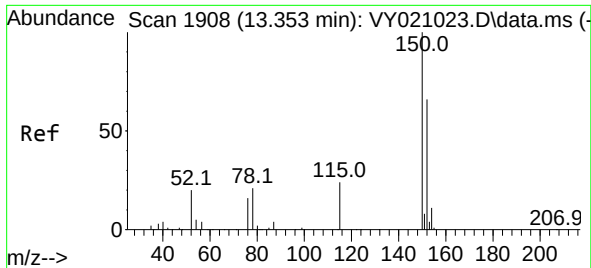
Tgt Ion:	95	Resp:	129364
Ion Ratio	Lower	Upper	
95	100		
174	83.8	0.0	160.0
176	81.0	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021284.D
Acq: 21 Feb 2025 14:37

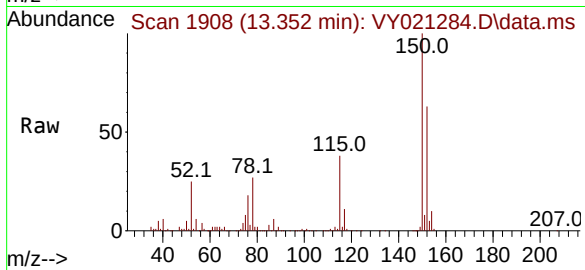
Tgt Ion:	117	Resp:	309204
Ion Ratio	Lower	Upper	
117	100		
82	59.6	43.8	65.8
119	32.6	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY021284.D
 Acq: 21 Feb 2025 14:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-16-021725



Tgt Ion:152 Resp: 118737
 Ion Ratio Lower Upper
 152 100
 115 59.1 30.0 90.0
 150 157.6 0.0 344.6

