

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042525\
 Data File : VY022012.D
 Acq On : 25 Apr 2025 16:38
 Operator : SY/MD
 Sample : Q1883-03
 Misc : 14.28g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-28-042325

Quant Time: Apr 25 22:56:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

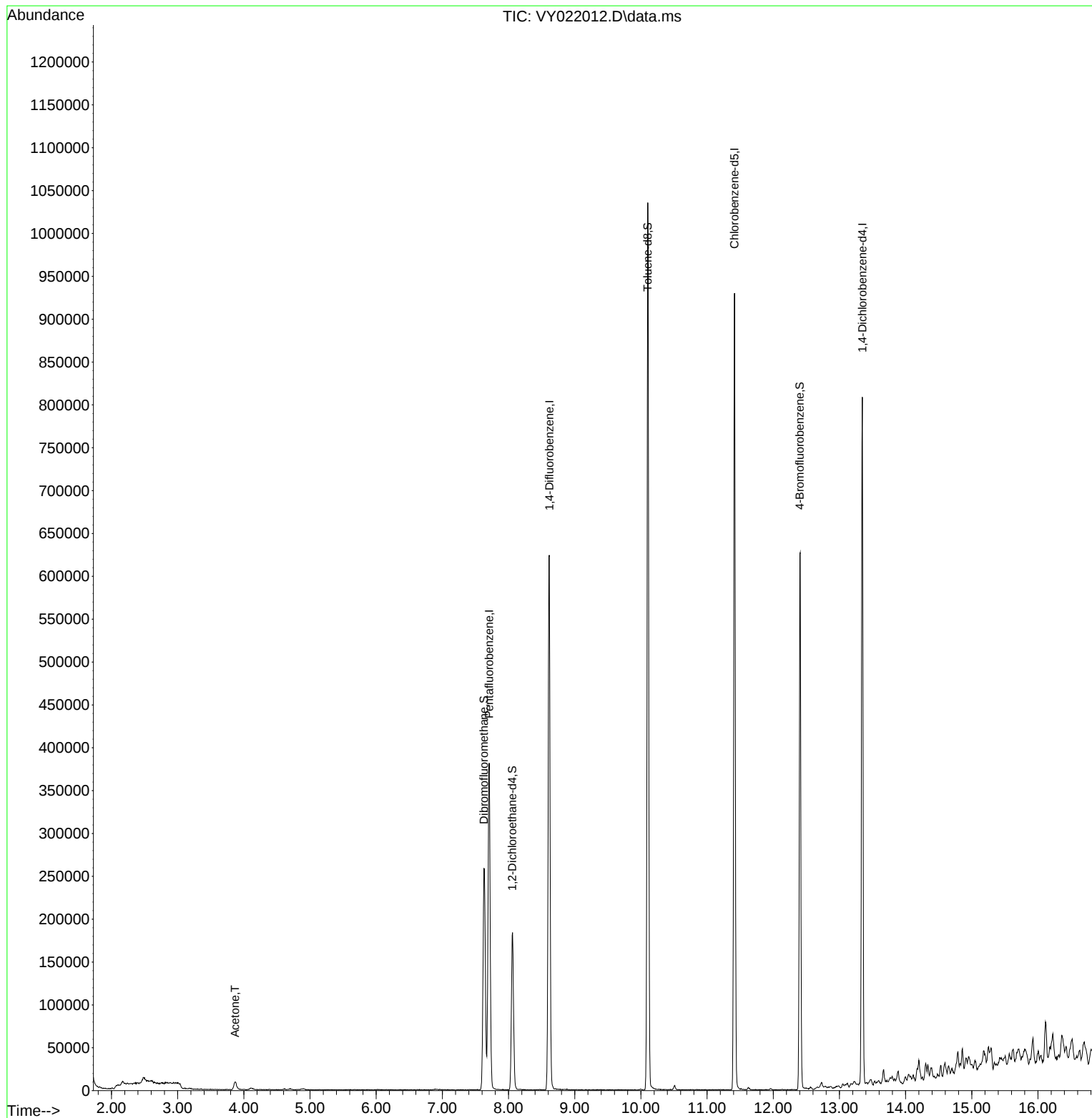
Internal Standards						
1) Pentafluorobenzene	7.707	168	292724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	561505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	510130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	211920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	145360	53.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.520%	
35) Dibromofluoromethane	7.628	113	190585	51.376	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.760%	
50) Toluene-d8	10.103	98	683780	48.893	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.780%	
62) 4-Bromofluorobenzene	12.402	95	196442	41.725	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.460%	
Target Compounds						
16) Acetone	3.866	43	16815	28.595	ug/l	Qvalue 93

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

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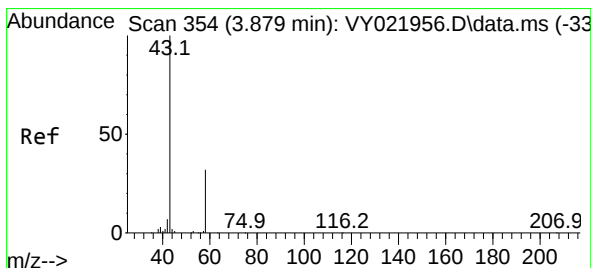
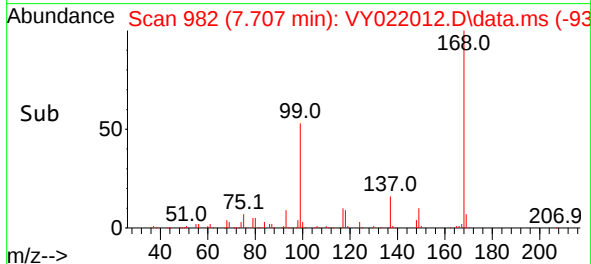
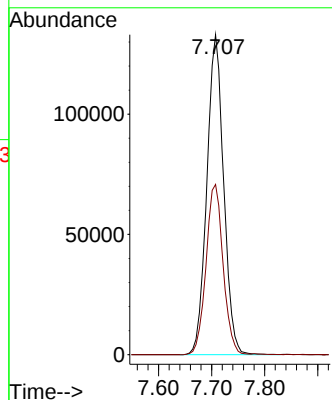
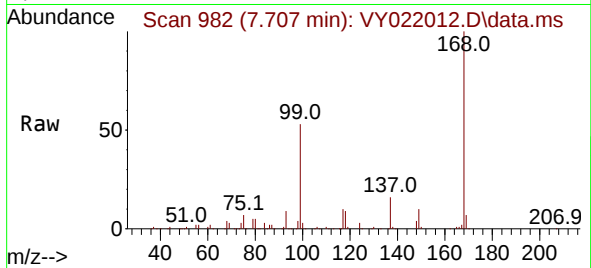




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022012.D
Acq: 25 Apr 2025 16:38

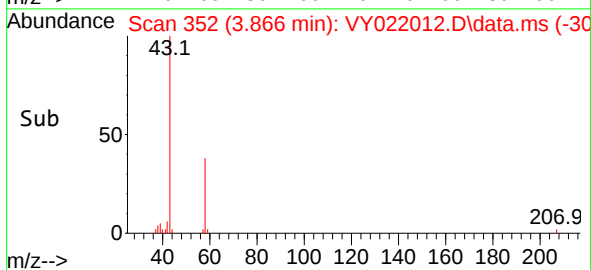
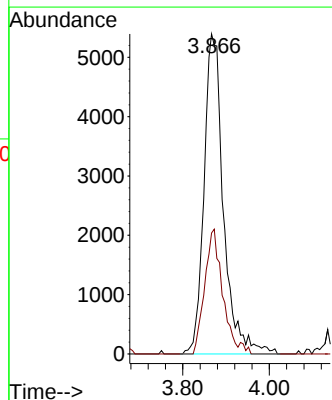
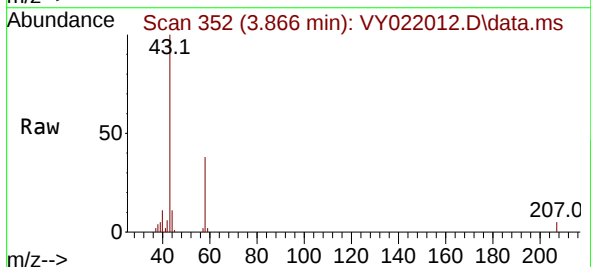
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-28-042325

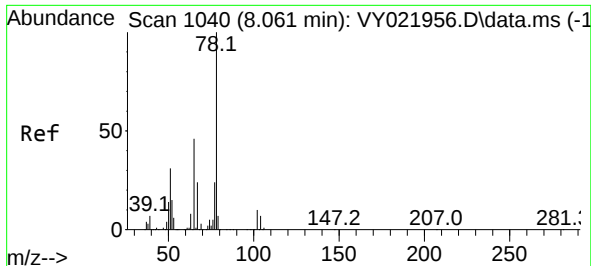
Tgt Ion:168 Resp: 292724
Ion Ratio Lower Upper
168 100
99 53.2 43.1 64.7



#16
Acetone
Concen: 28.595 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY022012.D
Acq: 25 Apr 2025 16:38

Tgt Ion: 43 Resp: 16815
Ion Ratio Lower Upper
43 100
58 37.8 27.0 40.4





#33

1,2-Dichloroethane-d4

Concen: 53.761 ug/l

RT: 8.055 min Scan# 11039

Delta R.T. -0.006 min

Lab File: VY022012.D

Acq: 25 Apr 2025 16:38

Instrument :

MSVOA_Y

ClientSampleId :

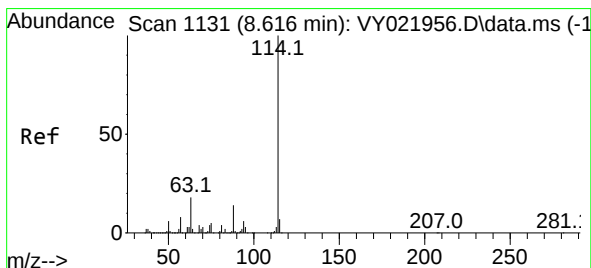
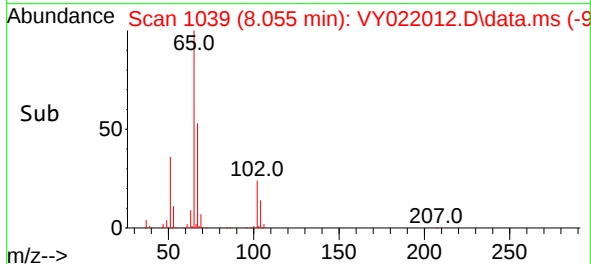
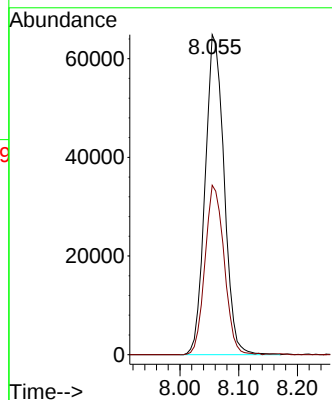
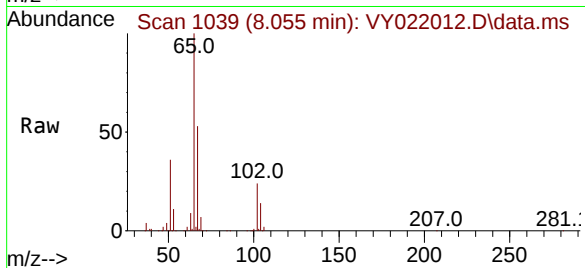
OU4-PCS-TC-28-042325

Tgt Ion: 65 Resp: 145360

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022012.D

Acq: 25 Apr 2025 16:38

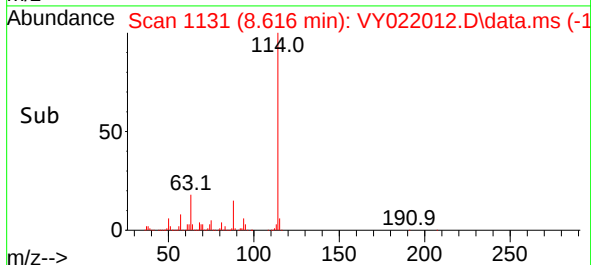
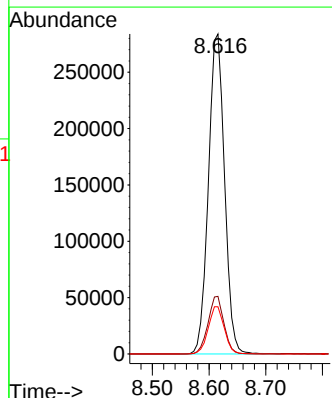
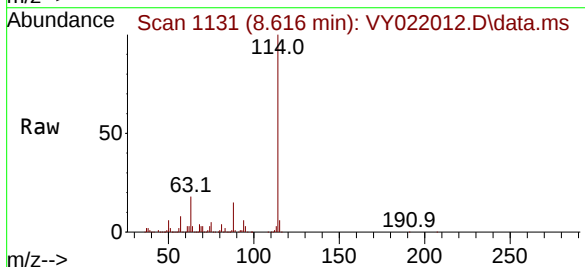
Tgt Ion: 114 Resp: 561505

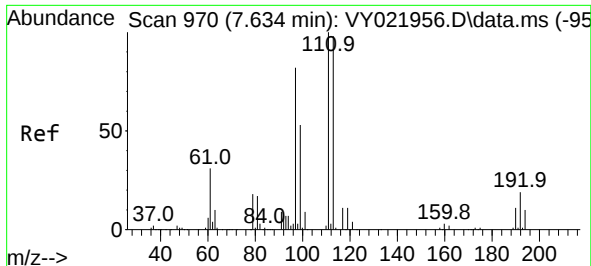
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.4

88 14.8 0.0 28.2

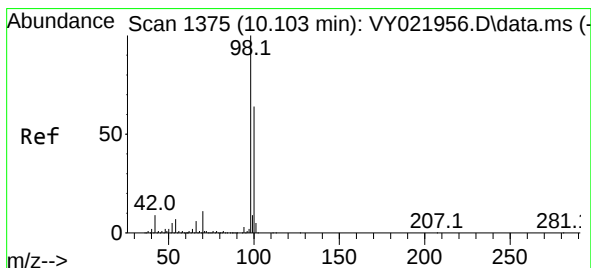
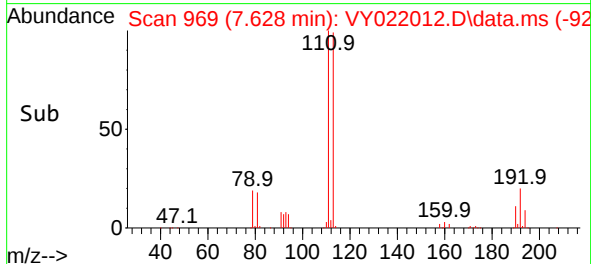
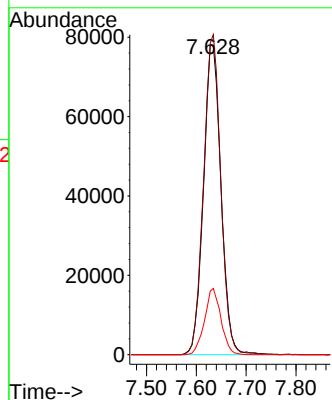
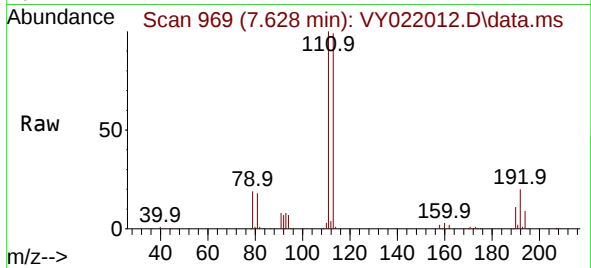




#35
Dibromofluoromethane
Concen: 51.376 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022012.D
Acq: 25 Apr 2025 16:38

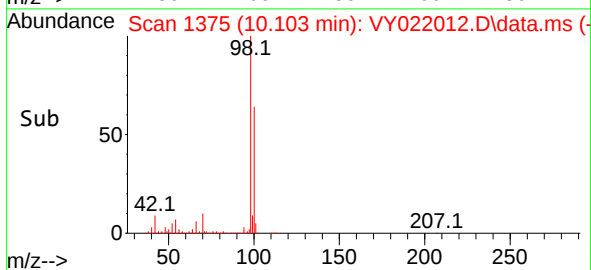
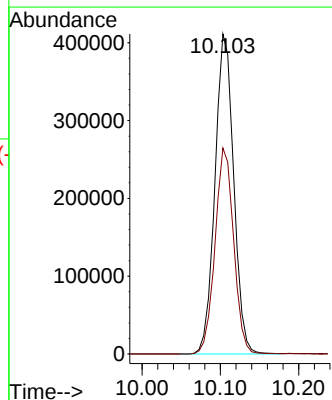
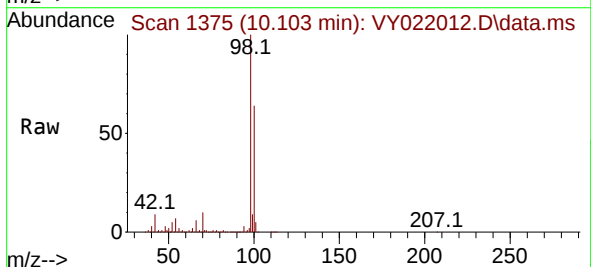
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-28-042325

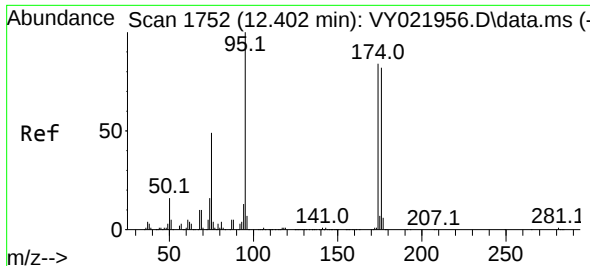
Tgt Ion:113 Resp: 190585
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 20.1 15.6 23.4



#50
Toluene-d8
Concen: 48.893 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022012.D
Acq: 25 Apr 2025 16:38

Tgt Ion: 98 Resp: 683780
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4

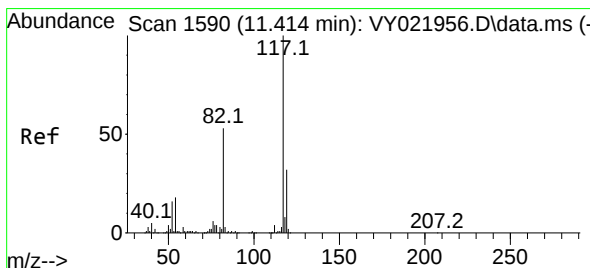
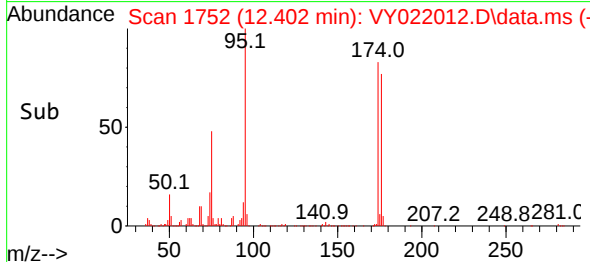
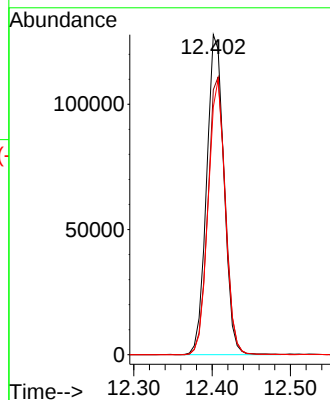
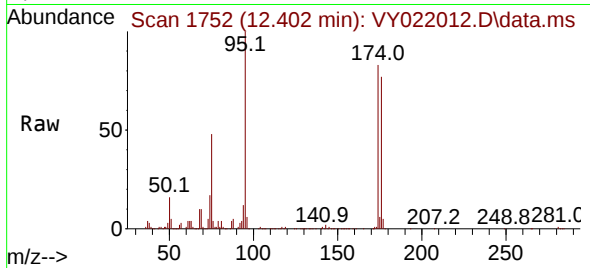




#62
4-Bromofluorobenzene
Concen: 41.725 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022012.D
Acq: 25 Apr 2025 16:38

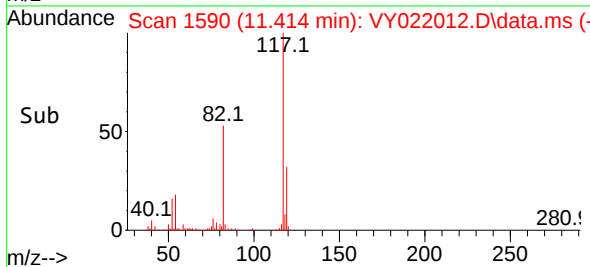
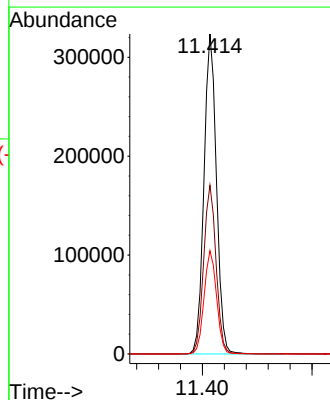
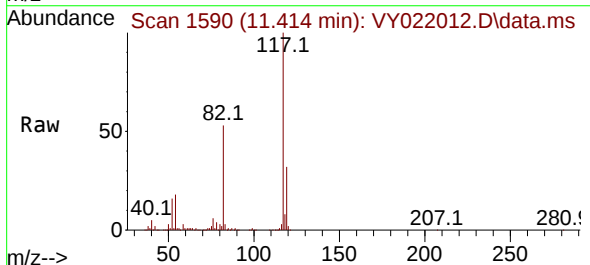
Instrument :
MSVOA_Y
ClientSampleId :
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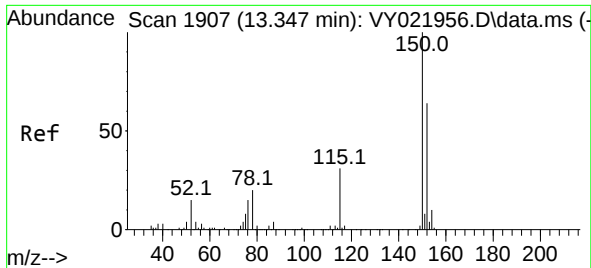
Tgt Ion: 95 Resp: 196442
Ion Ratio Lower Upper
95 100
174 87.4 0.0 179.0
176 84.7 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022012.D
Acq: 25 Apr 2025 16:38

Tgt Ion: 117 Resp: 510130
Ion Ratio Lower Upper
117 100
82 52.7 42.1 63.1
119 32.2 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022012.D

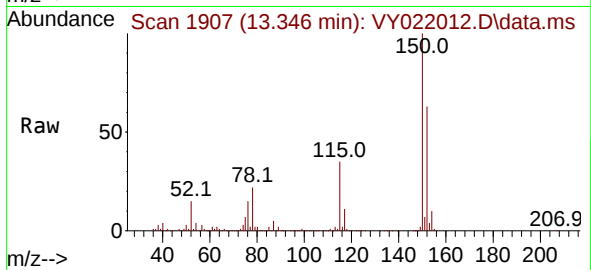
Acq: 25 Apr 2025 16:38

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-28-042325



Tgt Ion:152 Resp: 211920

Ion Ratio Lower Upper

152 100

115 56.7 28.0 84.0

150 158.1 0.0 345.6

