

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022065.D
 Acq On : 29 Apr 2025 18:37
 Operator : SY/MD
 Sample : Q1883-03
 Misc : 15.55g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Apr 30 01:35:55 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)

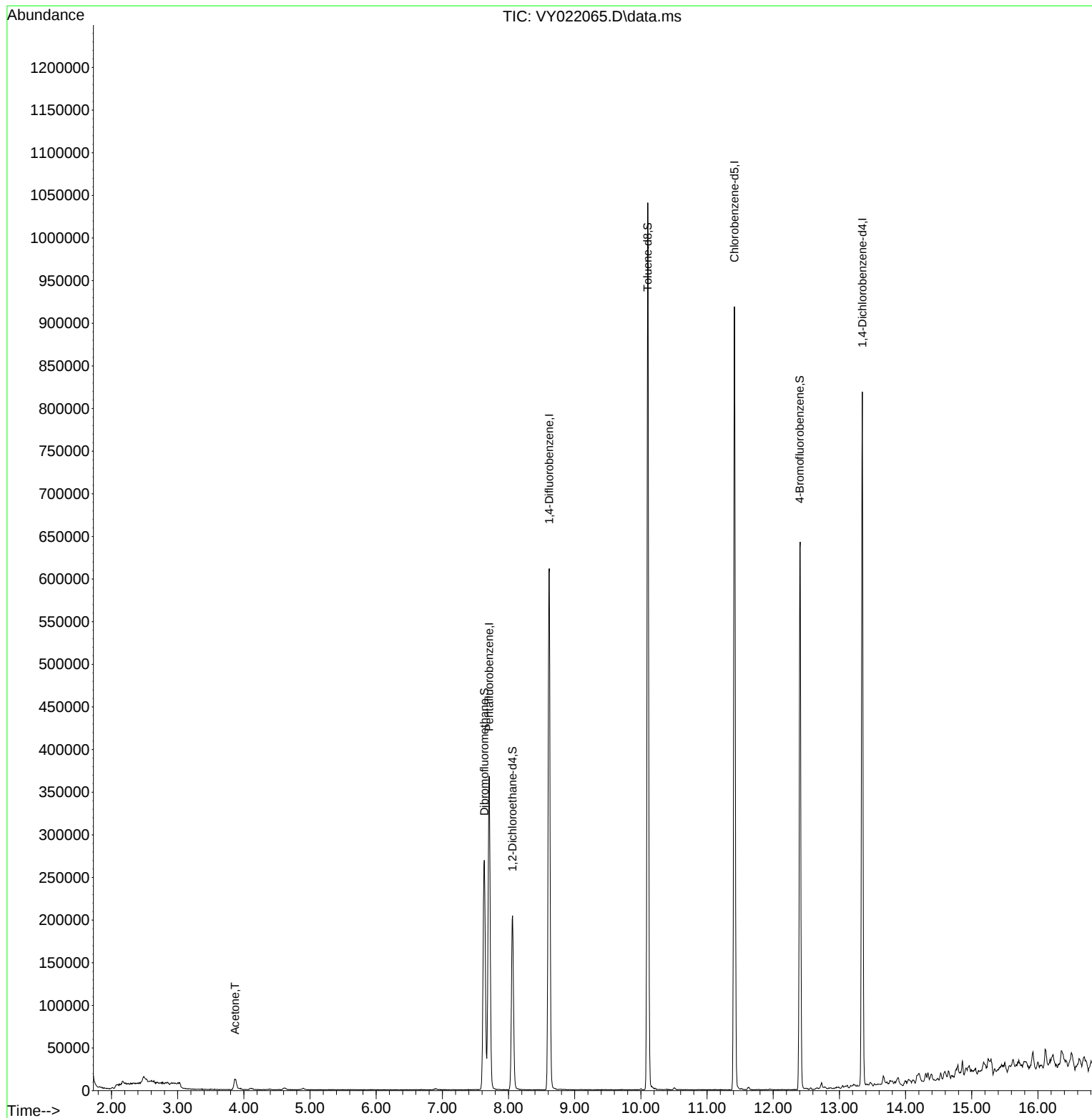
Internal Standards						
1) Pentafluorobenzene	7.707	168	284976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	553971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	516028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	215483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160162	60.846	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.700%
35) Dibromofluoromethane	7.634	113	194988	53.278	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.560%
50) Toluene-d8	10.103	98	665607	48.241	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.401	95	199983	43.055	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.120%
Target Compounds						
16) Acetone	3.866	43	21674	45.428	ug/l	Qvalue 98

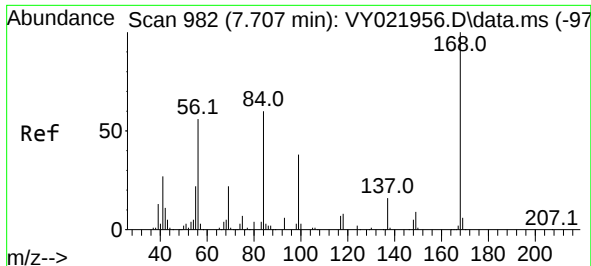
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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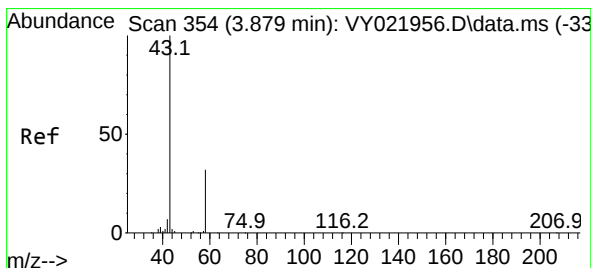
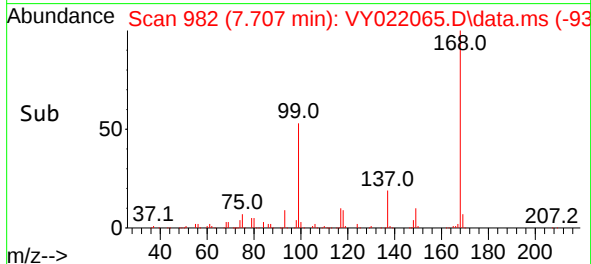
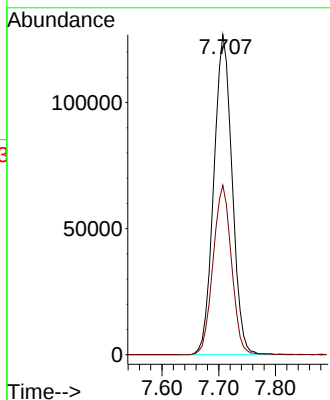
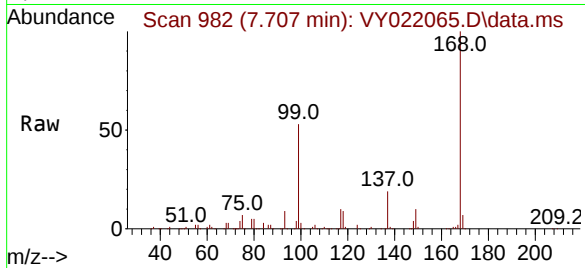




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022065.D
Acq: 29 Apr 2025 18:37

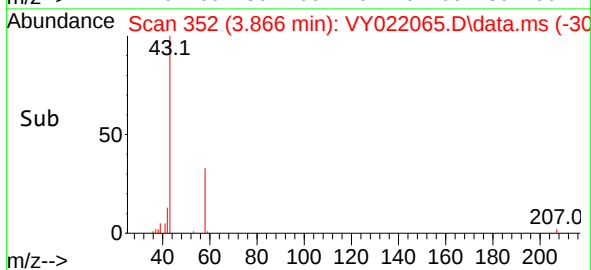
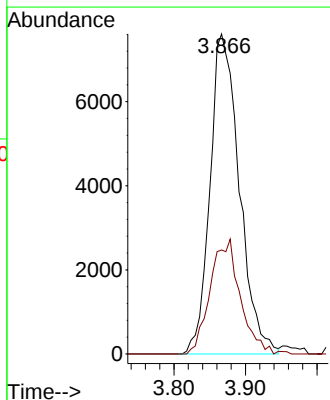
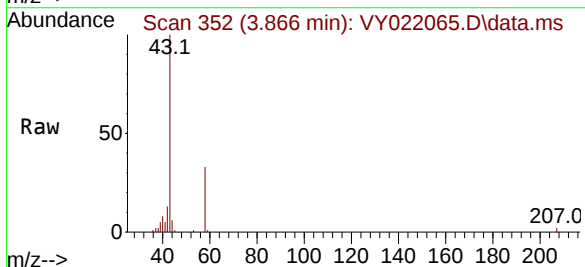
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-28-042325

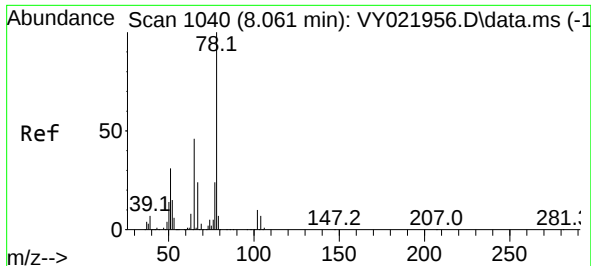
Tgt Ion:168 Resp: 284976
Ion Ratio Lower Upper
168 100
99 53.0 43.1 64.7



#16
Acetone
Concen: 45.428 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY022065.D
Acq: 29 Apr 2025 18:37

Tgt Ion: 43 Resp: 21674
Ion Ratio Lower Upper
43 100
58 32.5 27.0 40.4





#33

1,2-Dichloroethane-d4

Concen: 60.846 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022065.D

Acq: 29 Apr 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

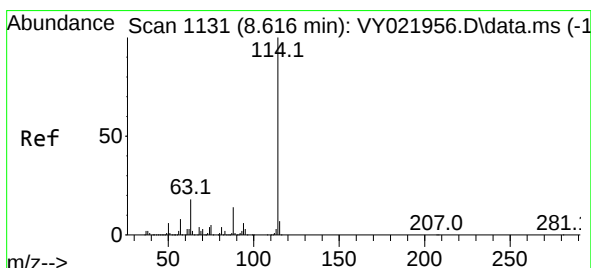
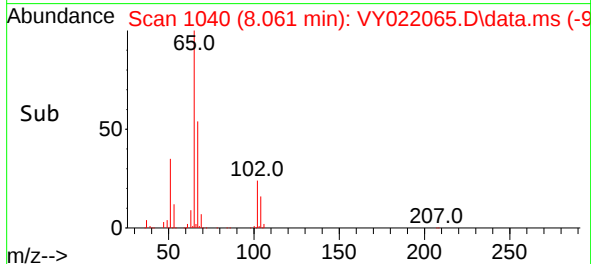
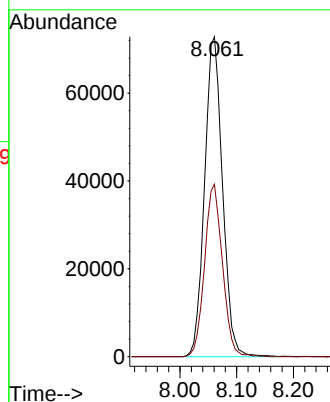
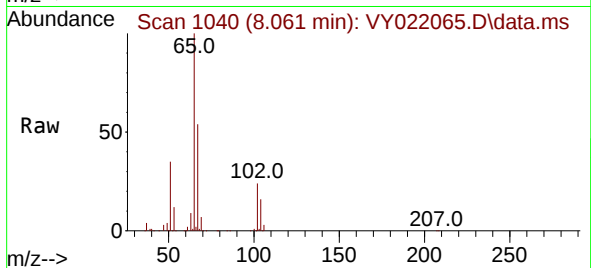
OU4-PCS-TC-28-042325

Tgt Ion: 65 Resp: 160162

Ion Ratio Lower Upper

65 100

67 53.6 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: VY022065.D

Acq: 29 Apr 2025 18:37

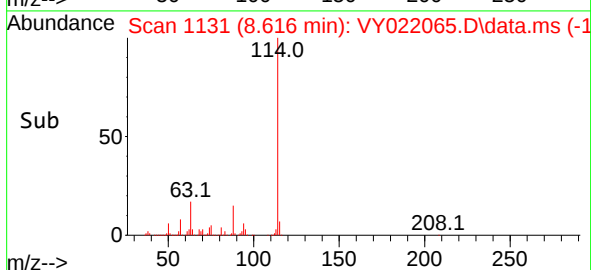
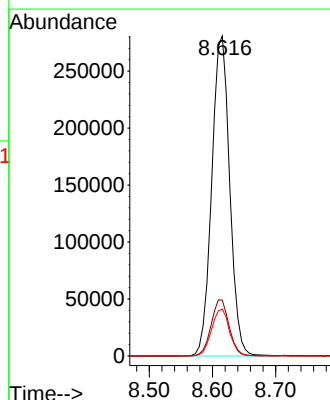
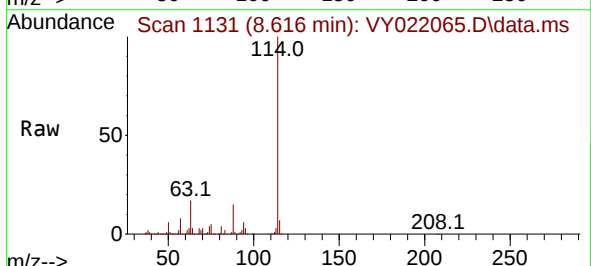
Tgt Ion: 114 Resp: 553971

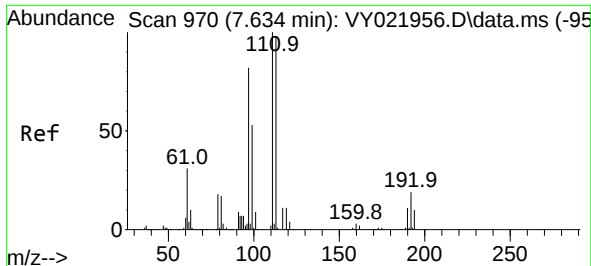
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

88 14.6 0.0 28.2





#35

Dibromofluoromethane

Concen: 53.278 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY022065.D

Acq: 29 Apr 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-28-042325

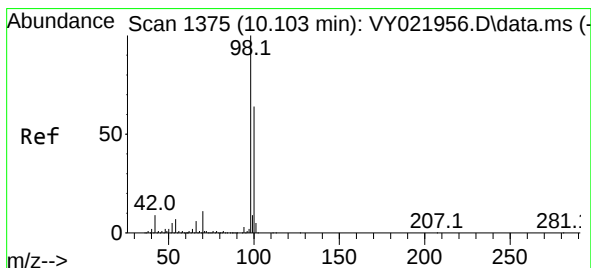
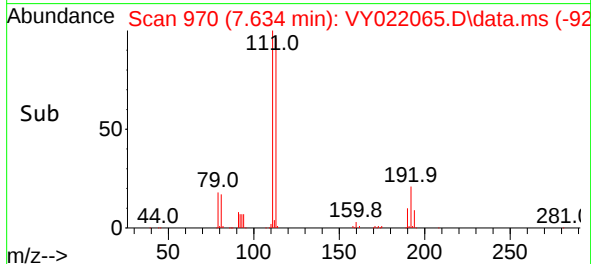
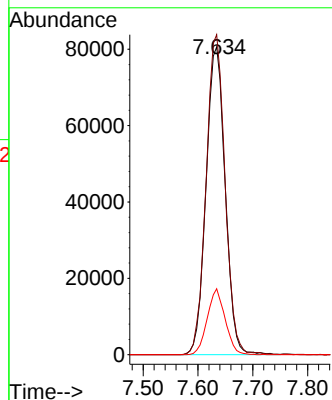
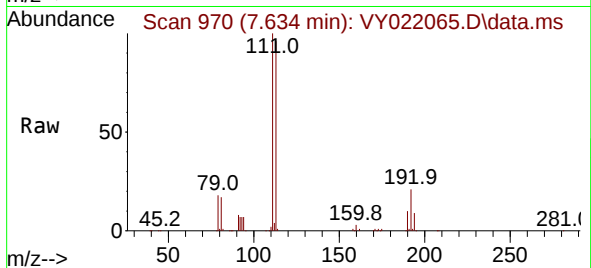
Tgt Ion:113 Resp: 194988

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

192 20.0 15.6 23.4



#50

Toluene-d8

Concen: 48.241 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022065.D

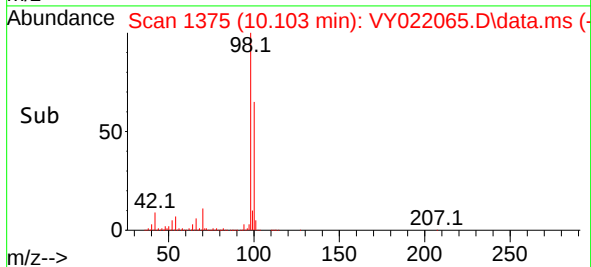
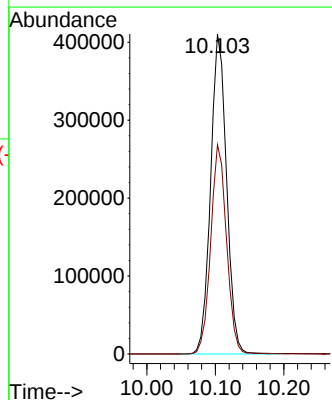
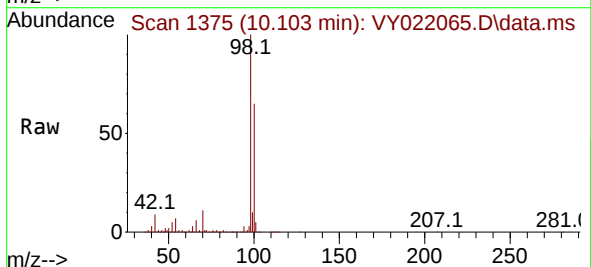
Acq: 29 Apr 2025 18:37

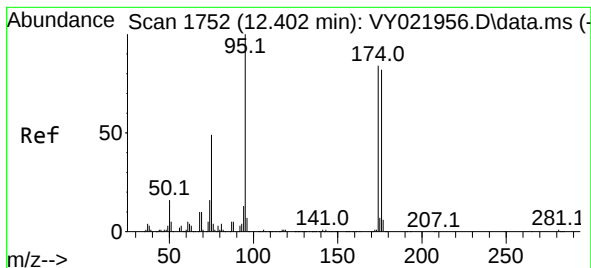
Tgt Ion: 98 Resp: 665607

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4

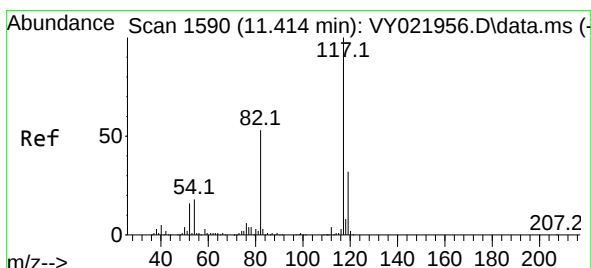
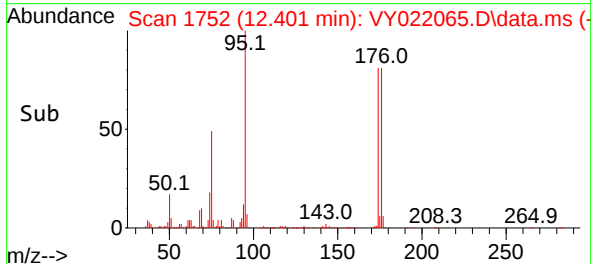
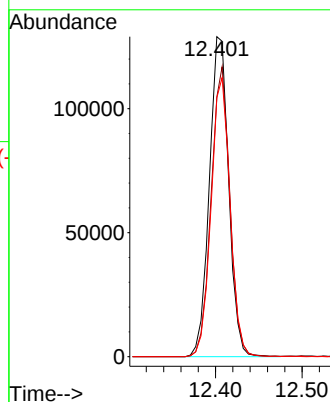
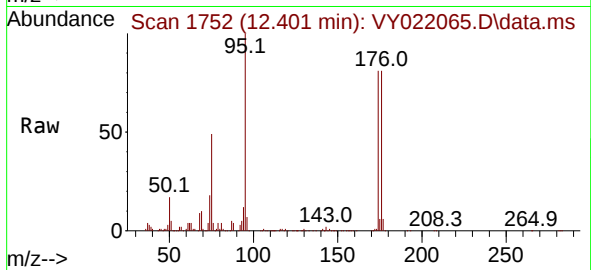




#62
4-Bromofluorobenzene
Concen: 43.055 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022065.D
Acq: 29 Apr 2025 18:37

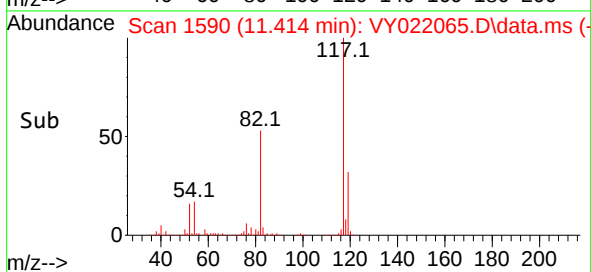
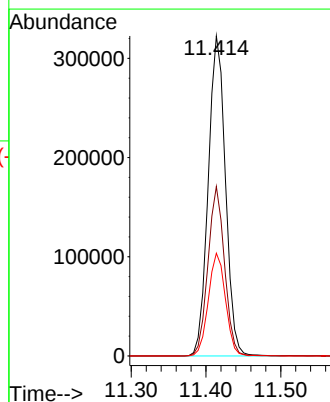
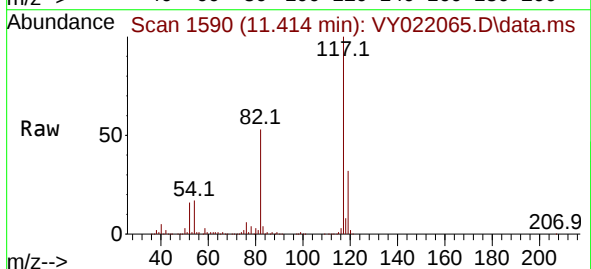
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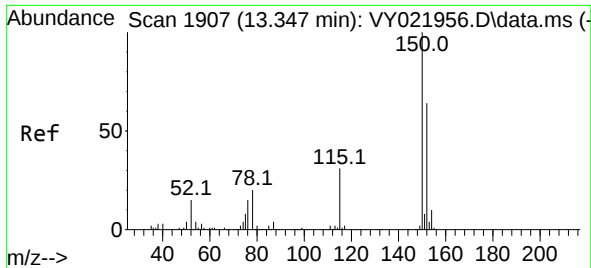
Tgt Ion: 95 Resp: 199983
Ion Ratio Lower Upper
95 100
174 88.0 0.0 179.0
176 85.5 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022065.D
Acq: 29 Apr 2025 18:37

Tgt Ion: 117 Resp: 516028
Ion Ratio Lower Upper
117 100
82 52.9 42.1 63.1
119 32.1 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: VY022065.D

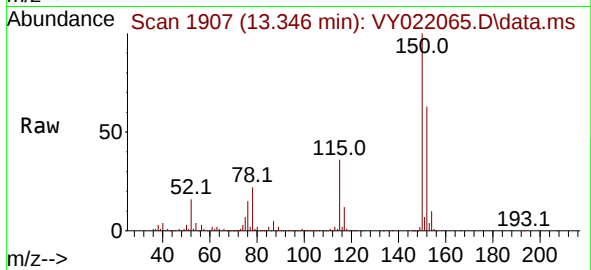
Acq: 29 Apr 2025 18:37

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-28-042325



Tgt Ion:152 Resp: 215483

Ion Ratio Lower Upper

152 100

115 56.6 28.0 84.0

150 155.8 0.0 345.6

