

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021722.D
 Acq On : 31 Mar 2025 16:11
 Operator : SY/MD
 Sample : Q1675-08
 Misc : 14.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T2

Quant Time: Apr 01 05:38:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

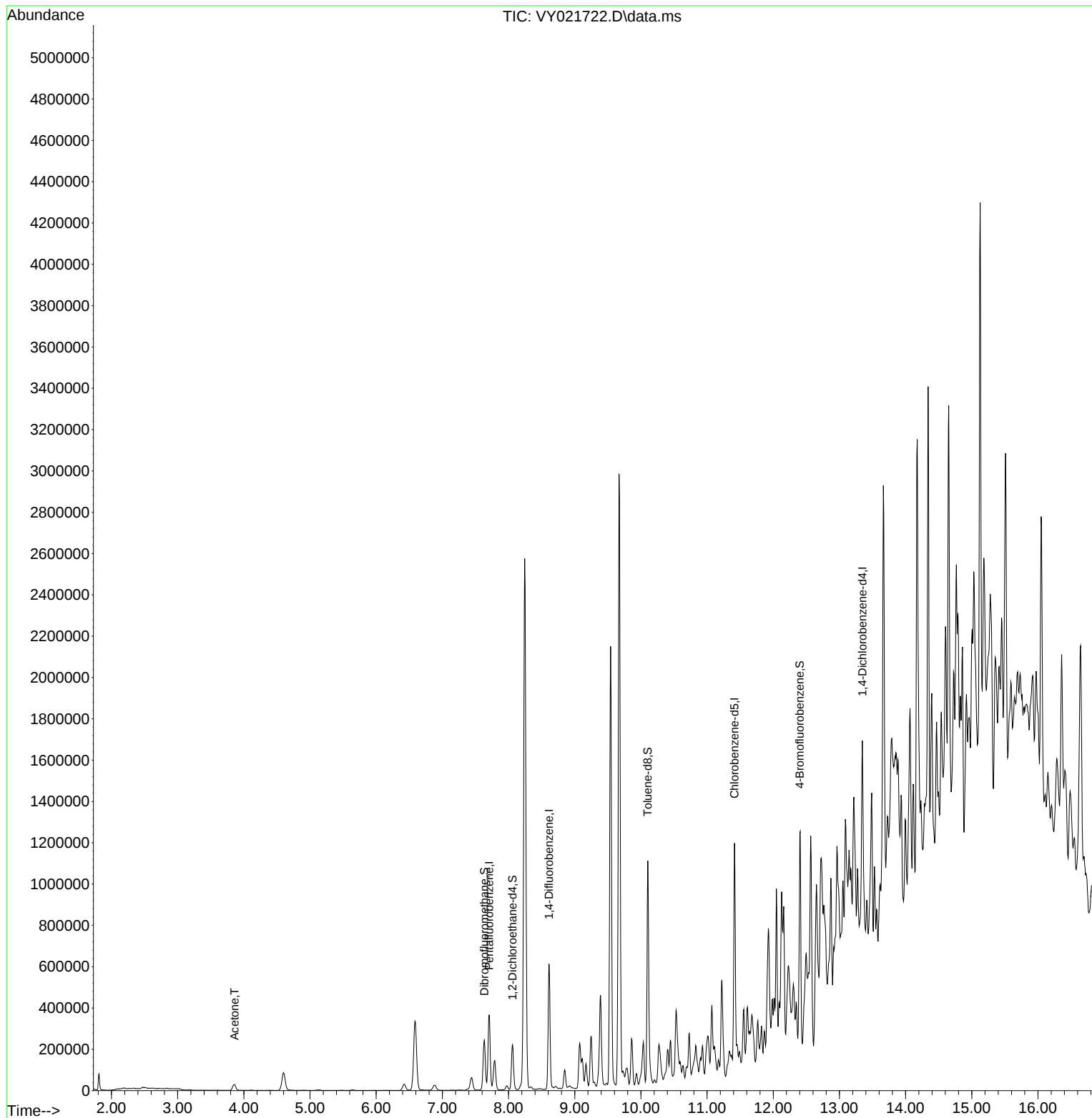
Internal Standards						
1) Pentafluorobenzene	7.707	168	278328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	508216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	512218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	256507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	173360	57.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.980%	
35) Dibromofluoromethane	7.634	113	170901	51.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.680%	
50) Toluene-d8	10.103	98	644253	51.369	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	12.402	95	275951	65.049	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 130.100%	
Target Compounds						
16) Acetone	3.860	43	22308	36.145	ug/l	Qvalue # 71

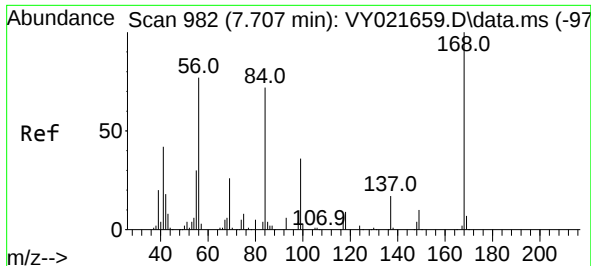
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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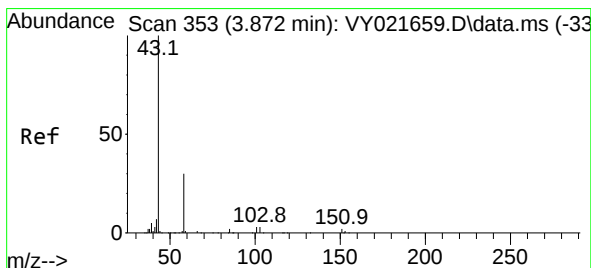
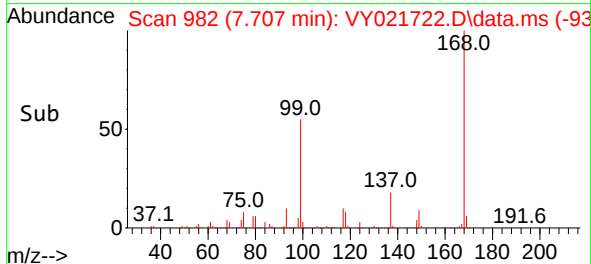
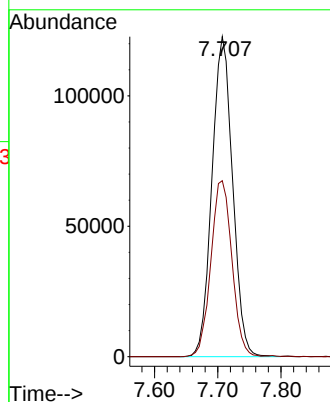
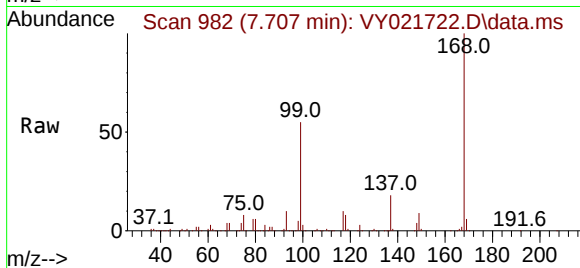




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021722.D
Acq: 31 Mar 2025 16:11

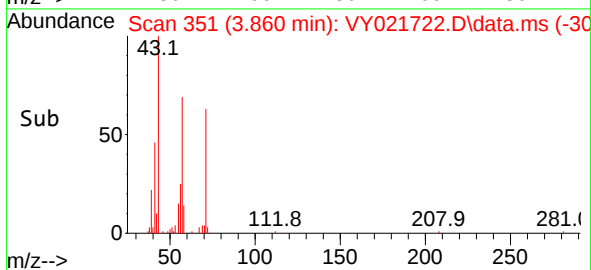
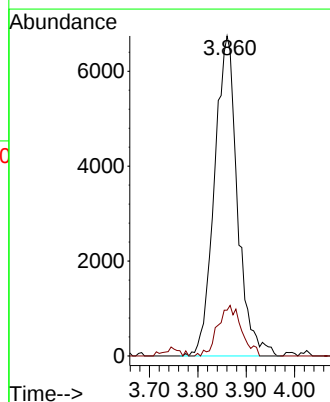
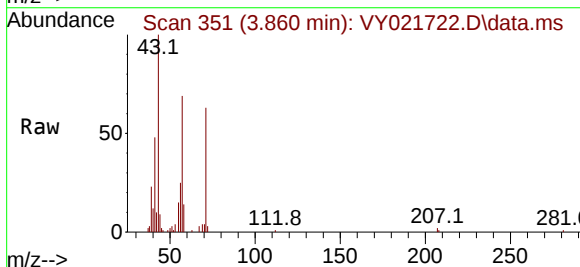
Instrument :
MSVOA_Y
ClientSampleId :
T2

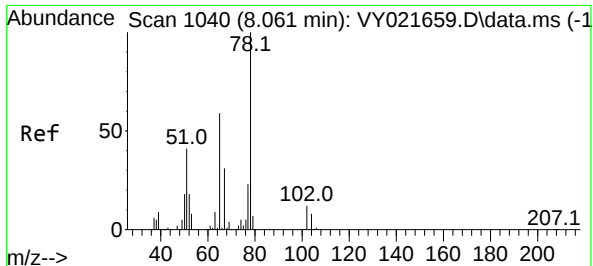
Tgt Ion:168 Resp: 278328
Ion Ratio Lower Upper
168 100
99 55.0 46.7 70.1



#16
Acetone
Concen: 36.145 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021722.D
Acq: 31 Mar 2025 16:11

Tgt Ion: 43 Resp: 22308
Ion Ratio Lower Upper
43 100
58 14.3 24.2 36.4#





#33

1,2-Dichloroethane-d4

Concen: 57.488 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY021722.D

Acq: 31 Mar 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :

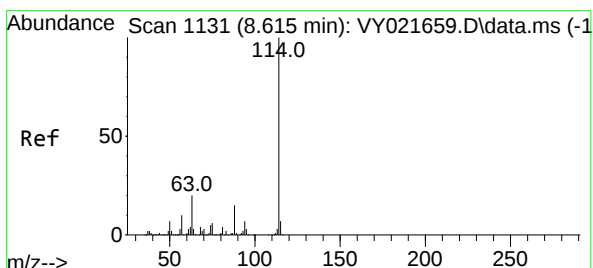
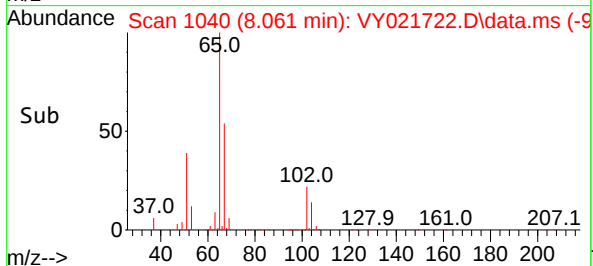
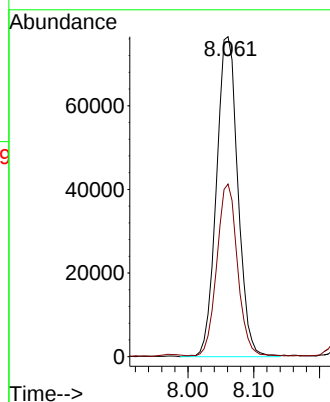
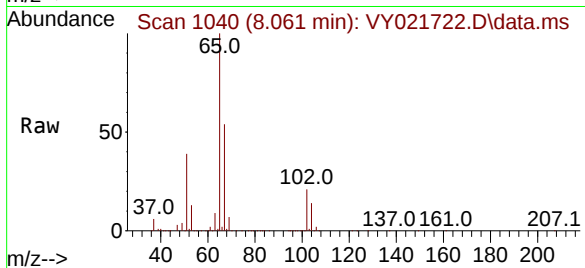
T2

Tgt Ion: 65 Resp: 173360

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY021722.D

Acq: 31 Mar 2025 16:11

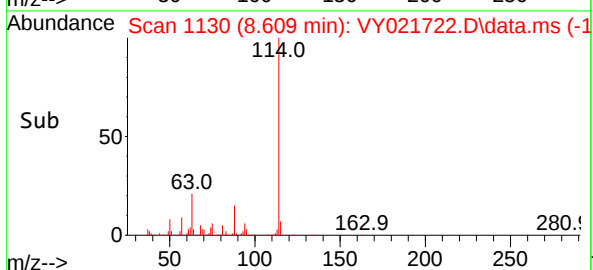
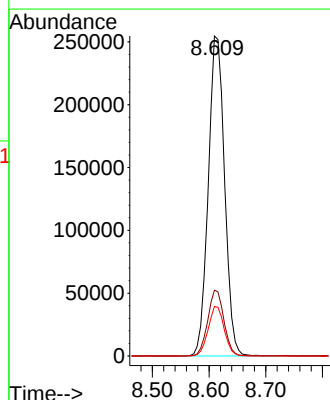
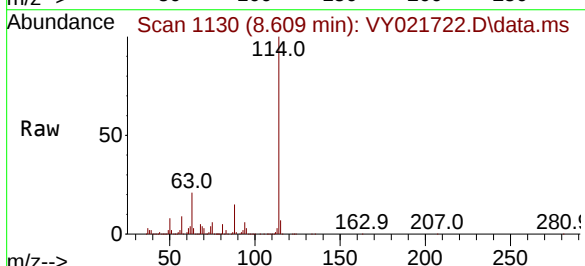
Tgt Ion: 114 Resp: 508216

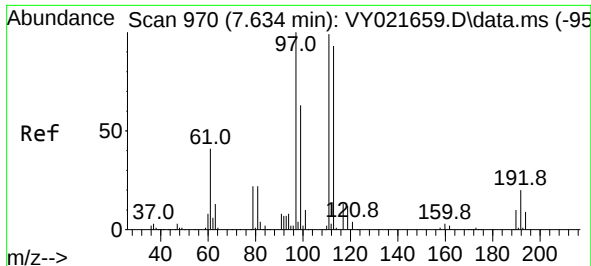
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 15.4 0.0 29.8

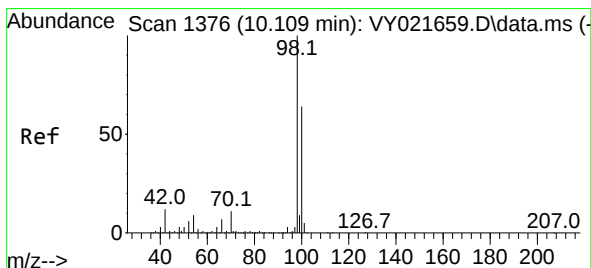
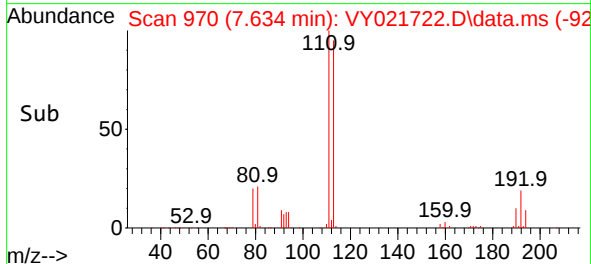
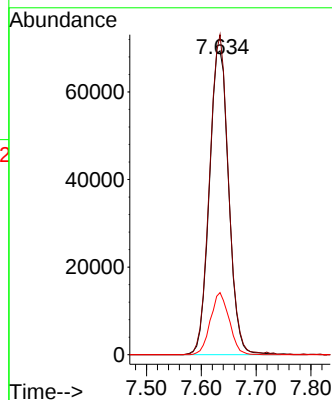
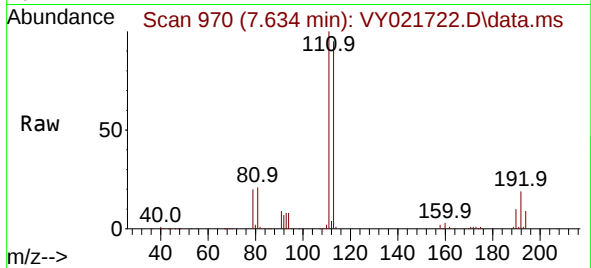




#35
 Dibromofluoromethane
 Concen: 51.840 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY021722.D
 Acq: 31 Mar 2025 16:11

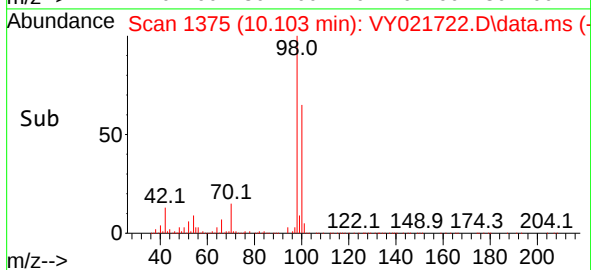
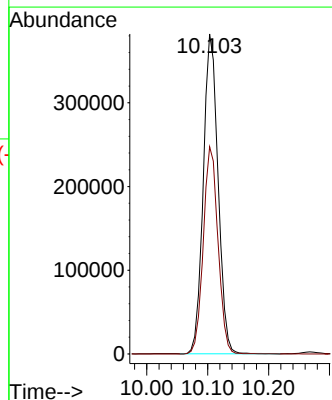
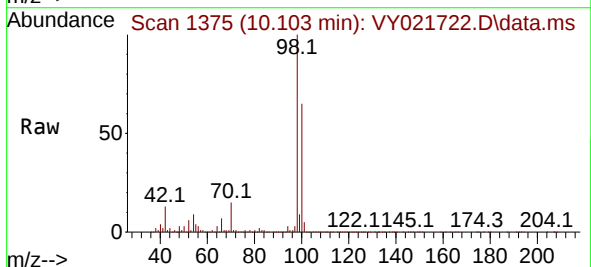
Instrument :
 MSVOA_Y
 ClientSampleId :
 T2

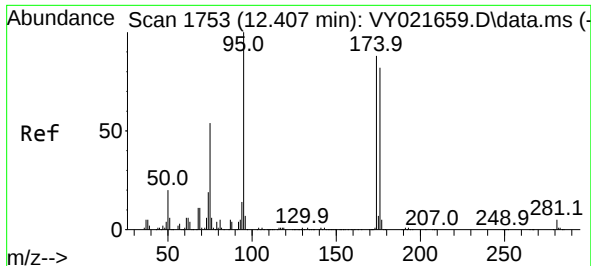
Tgt Ion:113 Resp: 170901
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.6 123.8
 192 19.6 16.2 24.4



#50
 Toluene-d8
 Concen: 51.369 ug/l
 RT: 10.103 min Scan# 1375
 Delta R.T. -0.006 min
 Lab File: VY021722.D
 Acq: 31 Mar 2025 16:11

Tgt Ion: 98 Resp: 644253
 Ion Ratio Lower Upper
 98 100
 100 64.5 52.1 78.1

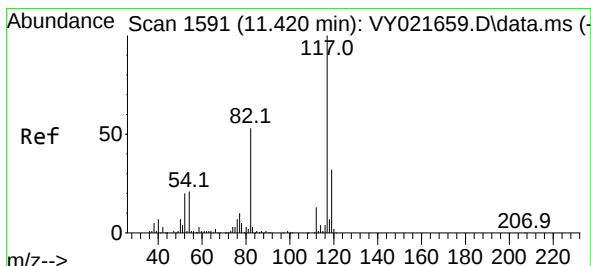
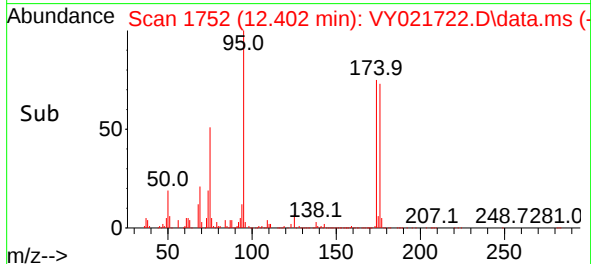
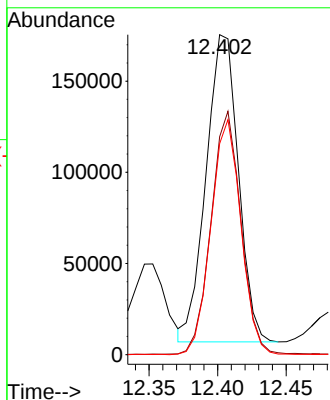
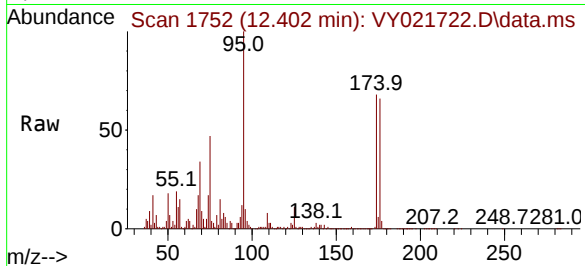




#62
4-Bromofluorobenzene
Concen: 65.049 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021722.D
Acq: 31 Mar 2025 16:11

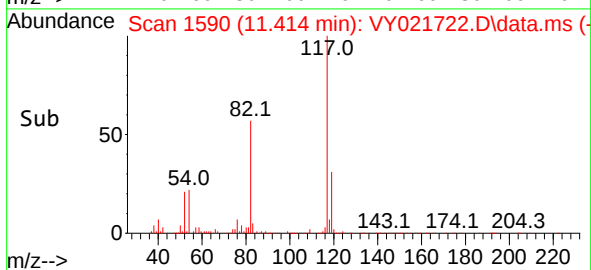
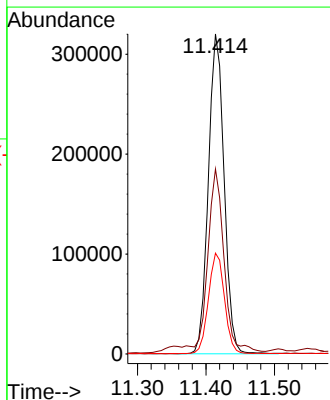
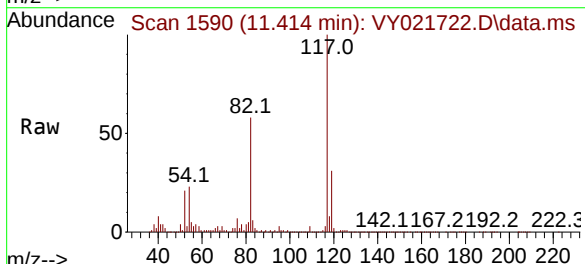
Instrument :
MSVOA_Y
ClientSampleId :
T2

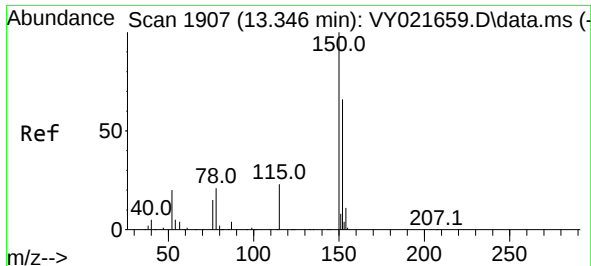
Tgt Ion: 95 Resp: 275951
Ion Ratio Lower Upper
95 100
174 74.2 0.0 170.8
176 71.0 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021722.D
Acq: 31 Mar 2025 16:11

Tgt Ion: 117 Resp: 512218
Ion Ratio Lower Upper
117 100
82 56.3 42.8 64.2
119 31.4 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: VY021722.D

Acq: 31 Mar 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :

T2

Tgt Ion:152 Resp: 256507

Ion Ratio Lower Upper

152 100

115 53.3 28.8 86.5

150 142.2 0.0 348.4

