

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021725.D
 Acq On : 31 Mar 2025 17:22
 Operator : SY/MD
 Sample : Q1675-11
 Misc : 8.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T5

Quant Time: Apr 01 05:40:02 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)

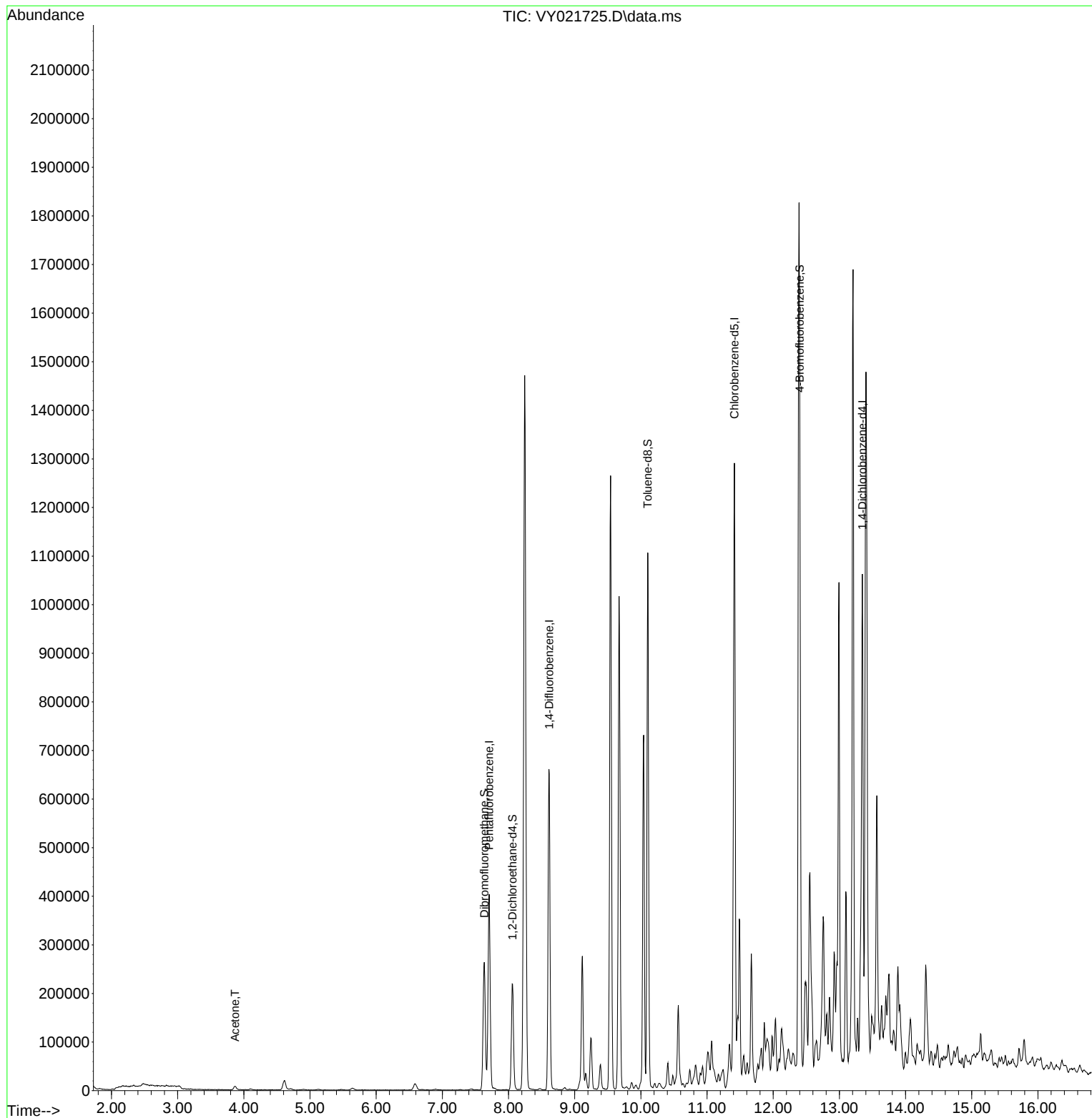
Internal Standards						
1) Pentafluorobenzene	7.707	168	300228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	564649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	539474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	244186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	174552	53.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.320%	
35) Dibromofluoromethane	7.634	113	184812	50.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.103	98	704549	50.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.120%	
62) 4-Bromofluorobenzene	12.401	95	257657	54.667	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.340%	
Target Compounds						Qvalue
16) Acetone	3.866	43	12838	19.284	ug/l	98

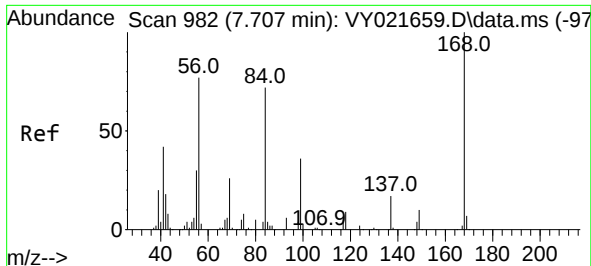
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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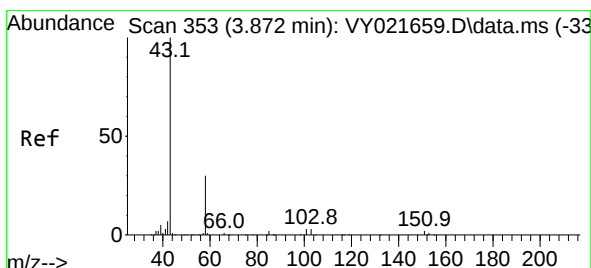
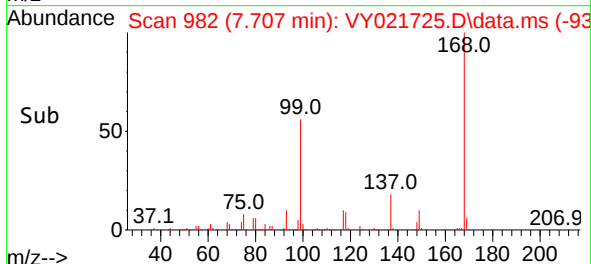
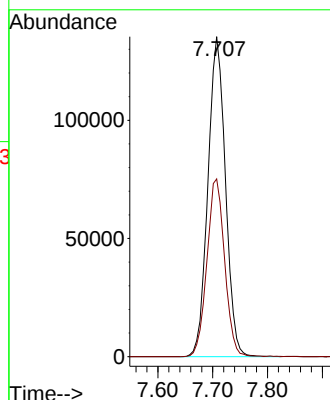
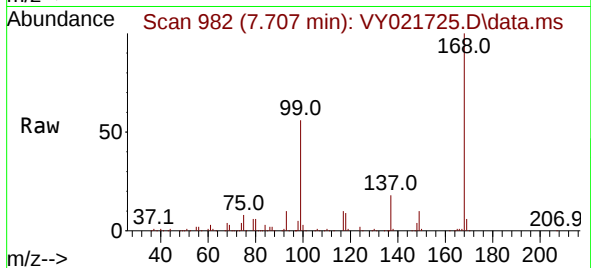




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021725.D
Acq: 31 Mar 2025 17:22

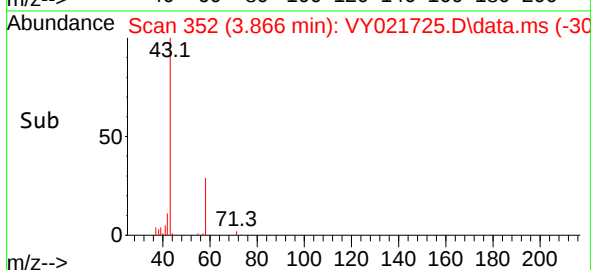
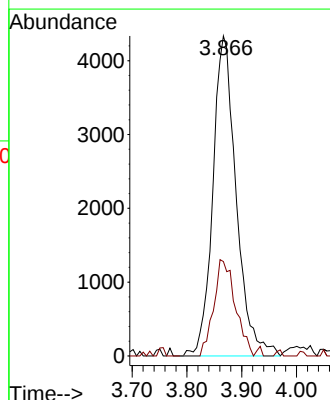
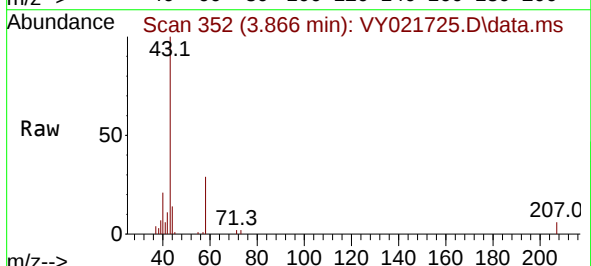
Instrument :
MSVOA_Y
ClientSampleId :
T5

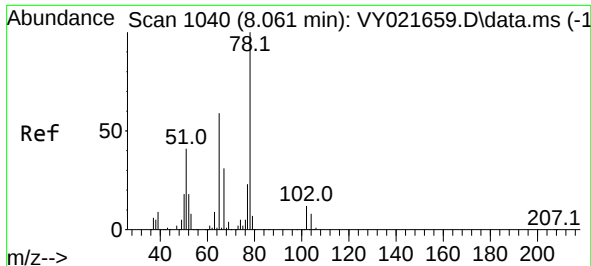
Tgt Ion:168 Resp: 300228
Ion Ratio Lower Upper
168 100
99 55.5 46.7 70.1



#16
Acetone
Concen: 19.284 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021725.D
Acq: 31 Mar 2025 17:22

Tgt Ion: 43 Resp: 12838
Ion Ratio Lower Upper
43 100
58 29.5 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 53.661 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021725.D

Acq: 31 Mar 2025 17:22

Instrument :

MSVOA_Y

ClientSampleId :

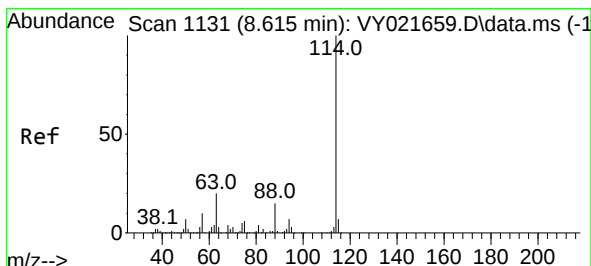
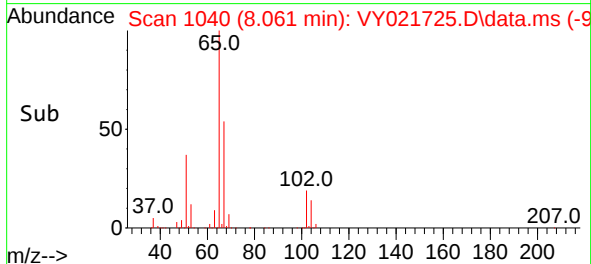
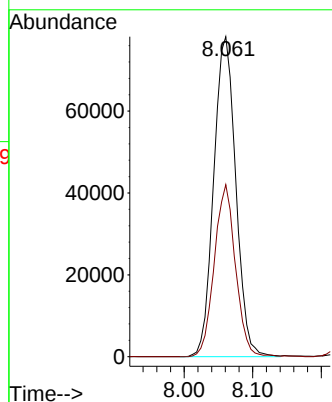
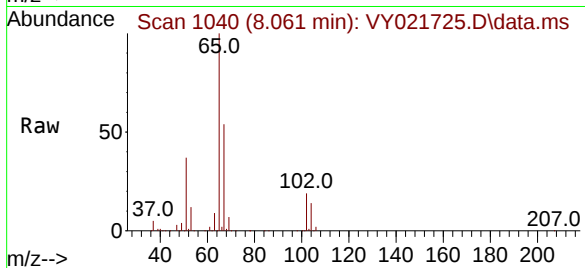
T5

Tgt Ion: 65 Resp: 174552

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021725.D

Acq: 31 Mar 2025 17:22

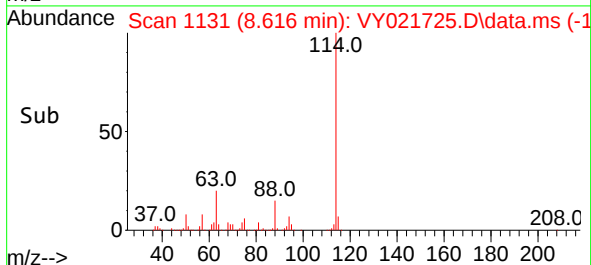
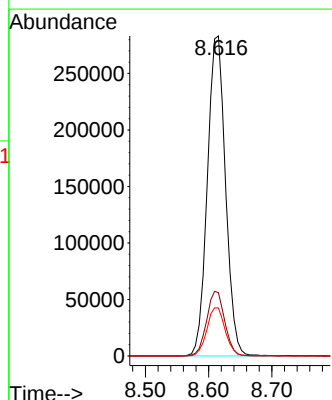
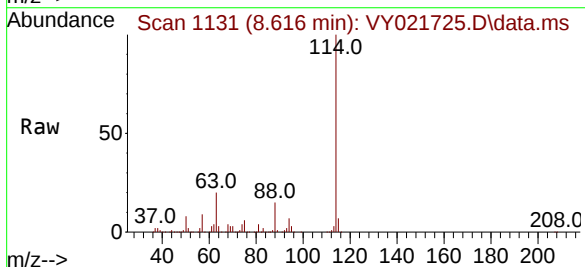
Tgt Ion: 114 Resp: 564649

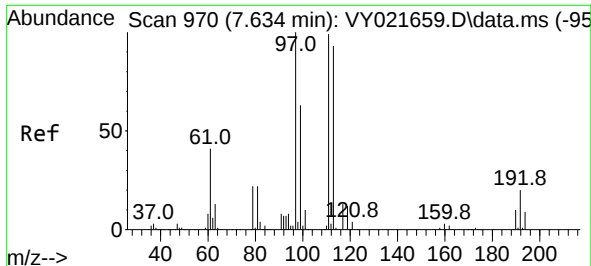
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 15.0 0.0 29.8

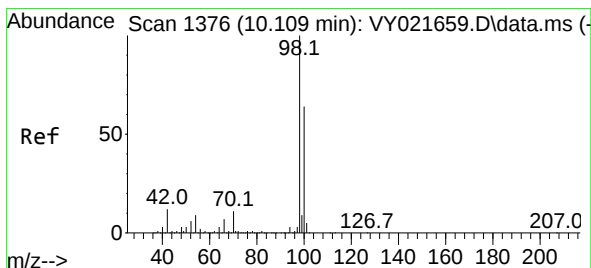
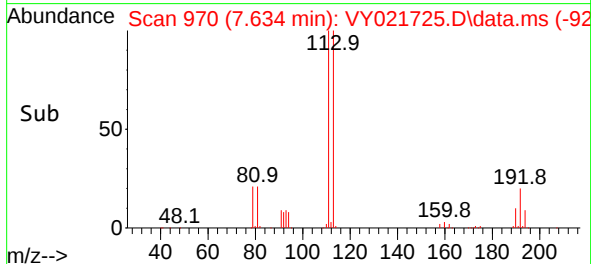
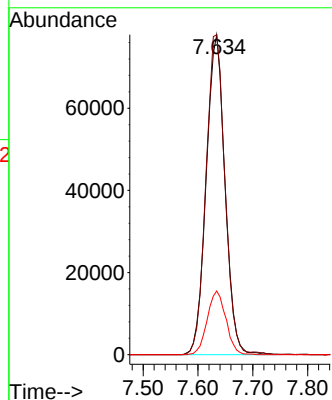
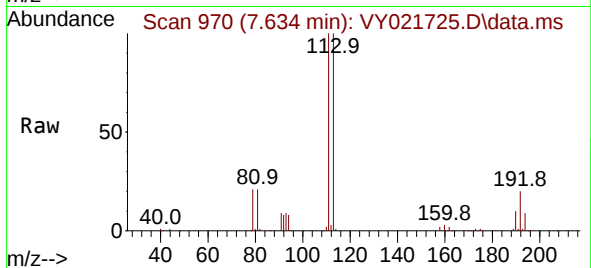




#35
Dibromofluoromethane
Concen: 50.457 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021725.D
Acq: 31 Mar 2025 17:22

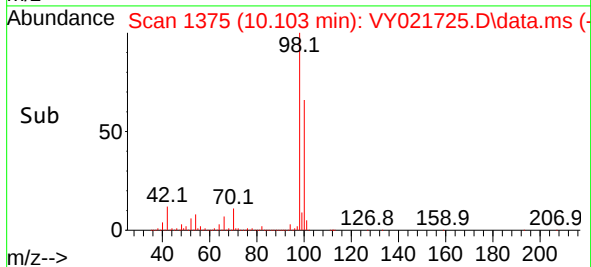
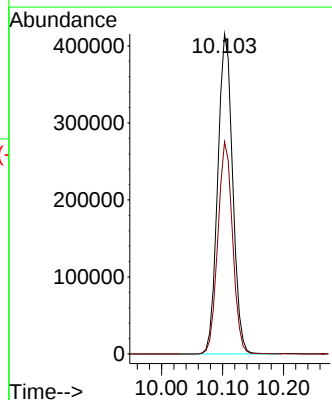
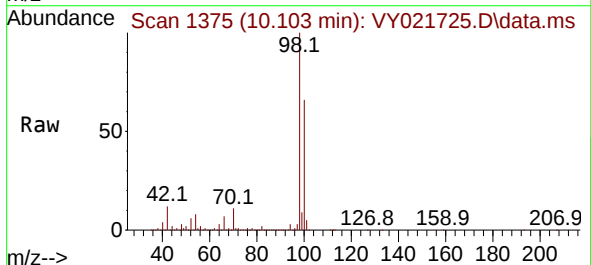
Instrument :
MSVOA_Y
ClientSampleId :
T5

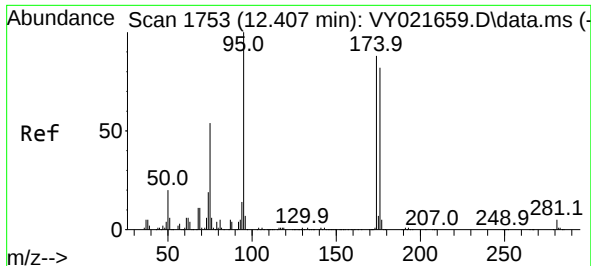
Tgt Ion:113 Resp: 184812
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 19.8 16.2 24.4



#50
Toluene-d8
Concen: 50.562 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021725.D
Acq: 31 Mar 2025 17:22

Tgt Ion: 98 Resp: 704549
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1

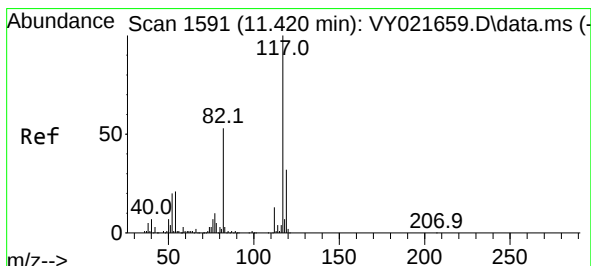
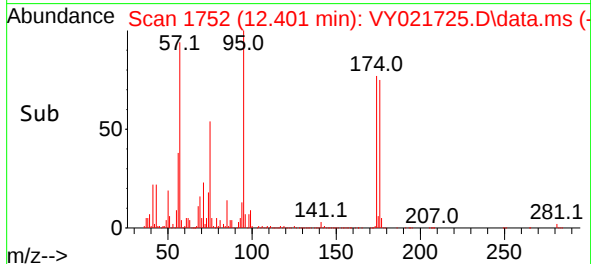
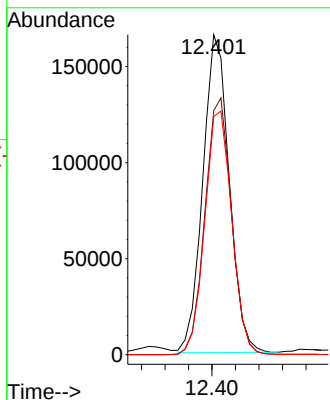
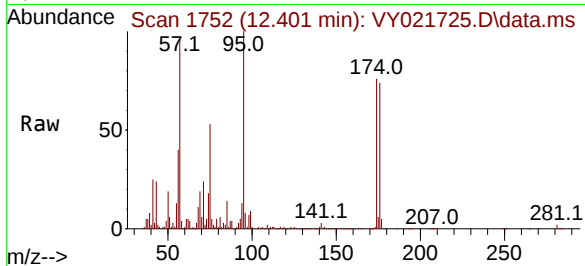




#62
4-Bromofluorobenzene
Concen: 54.667 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021725.D
Acq: 31 Mar 2025 17:22

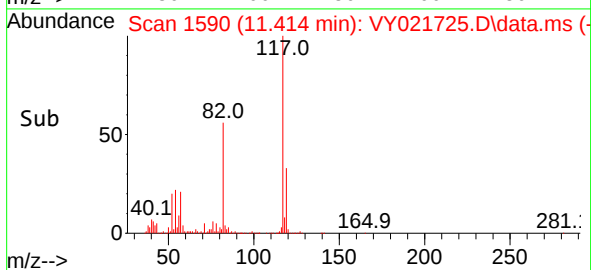
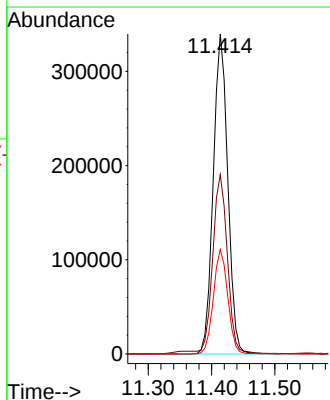
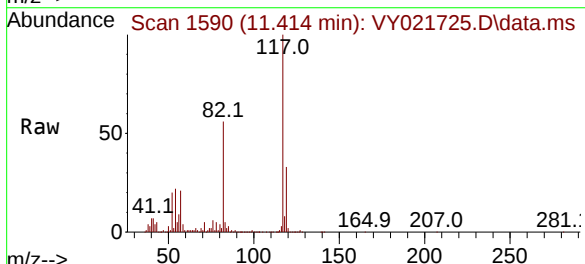
Instrument :
MSVOA_Y
ClientSampleId :
T5

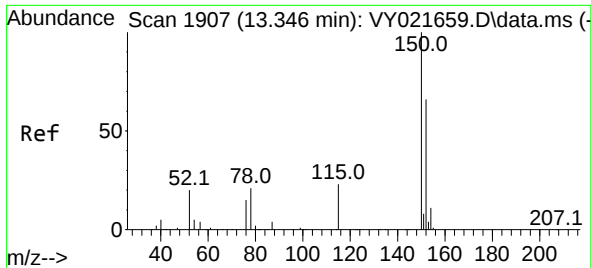
Tgt Ion: 95 Resp: 257657
Ion Ratio Lower Upper
95 100
174 81.5 0.0 170.8
176 78.5 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021725.D
Acq: 31 Mar 2025 17:22

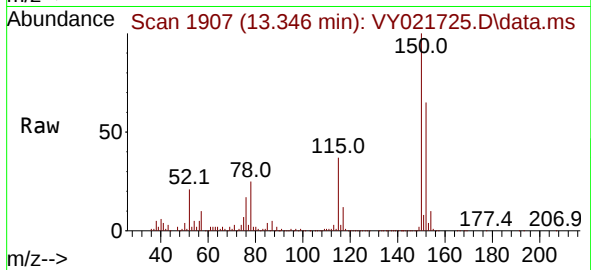
Tgt Ion: 117 Resp: 539474
Ion Ratio Lower Upper
117 100
82 55.9 42.8 64.2
119 32.6 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021725.D
 Acq: 31 Mar 2025 17:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 T5



Tgt Ion:	152	Resp:	244186
Ion Ratio	Lower	Upper	
152	100		
115	57.7	28.8	86.5
150	155.6	0.0	348.4

