

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021723.D
 Acq On : 31 Mar 2025 16:35
 Operator : SY/MD
 Sample : Q1675-09
 Misc : 8.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T3

Quant Time: Apr 01 05:39:16 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)

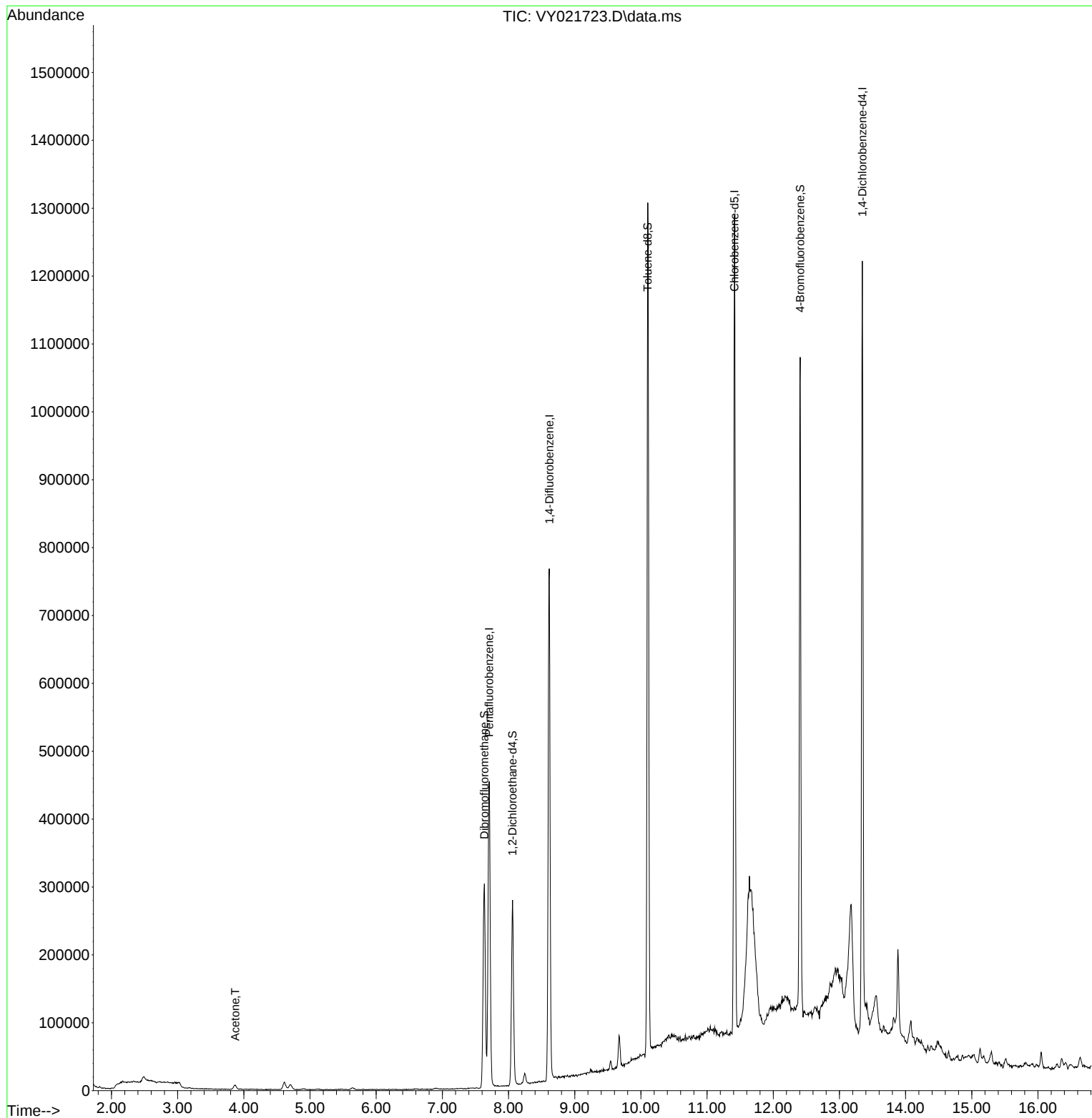
Internal Standards						
1) Pentafluorobenzene	7.707	168	346820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	644630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	625342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	280019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	208758	55.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.100%
35) Dibromofluoromethane	7.634	113	211723	50.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.260%
50) Toluene-d8	10.103	98	803652	50.518	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.040%
62) 4-Bromofluorobenzene	12.407	95	292173	54.298	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.600%
Target Compounds						
16) Acetone	3.872	43	11023	14.333	ug/l	Qvalue 96

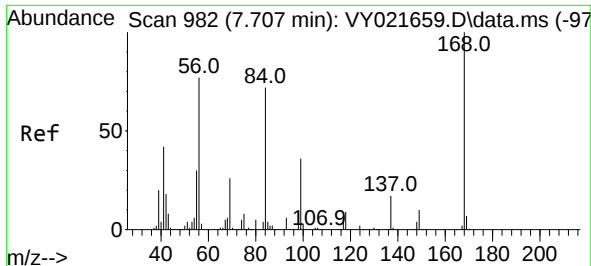
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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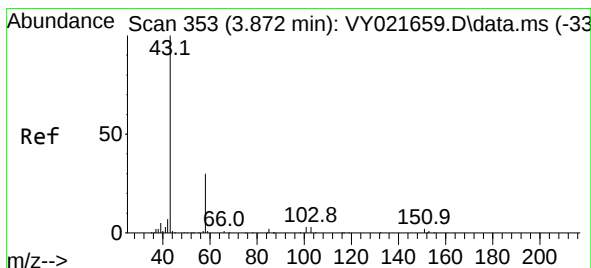
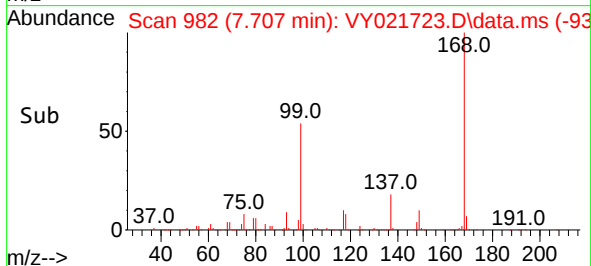
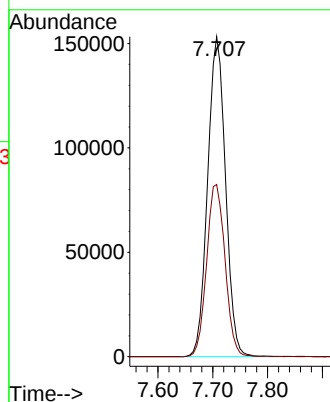
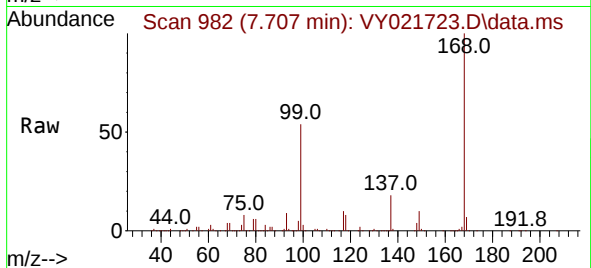




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

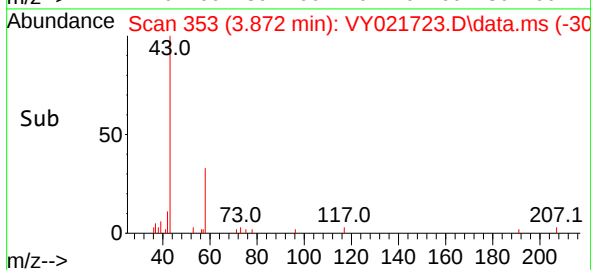
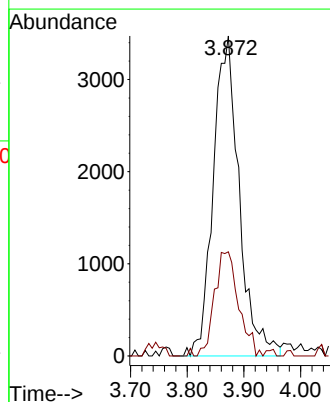
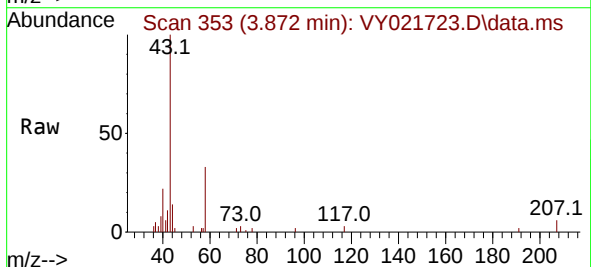
Instrument :
MSVOA_Y
ClientSampleId :
T3

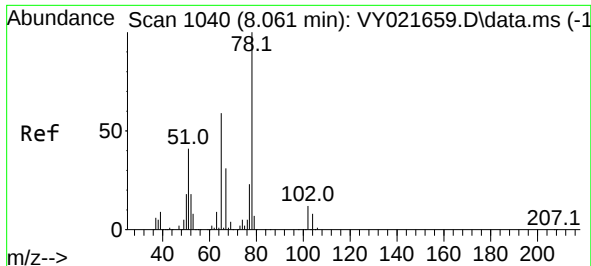
Tgt Ion:168 Resp: 346820
Ion Ratio Lower Upper
168 100
99 53.8 46.7 70.1



#16
Acetone
Concen: 14.333 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

Tgt Ion: 43 Resp: 11023
Ion Ratio Lower Upper
43 100
58 32.5 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 55.555 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021723.D

Acq: 31 Mar 2025 16:35

Instrument :

MSVOA_Y

ClientSampleId :

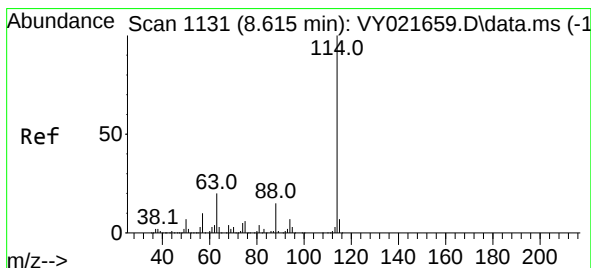
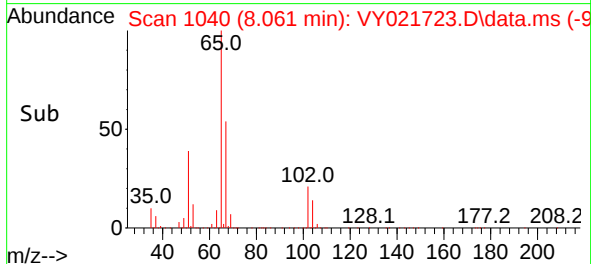
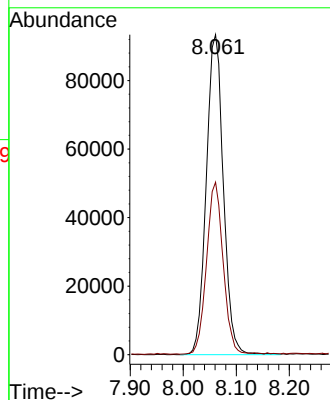
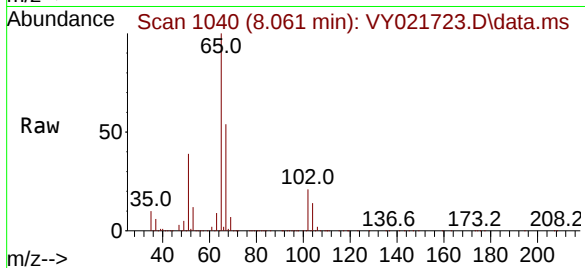
T3

Tgt Ion: 65 Resp: 208758

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021723.D

Acq: 31 Mar 2025 16:35

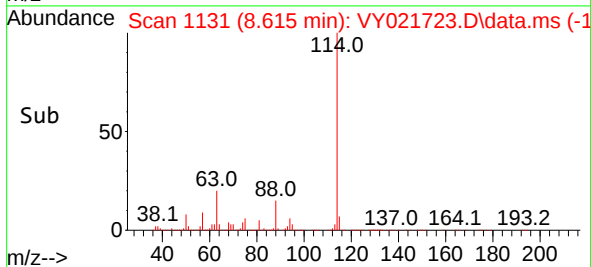
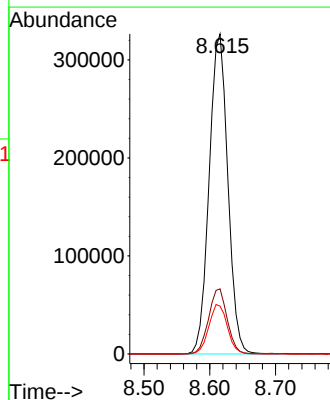
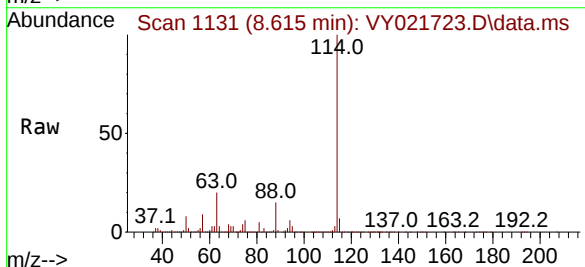
Tgt Ion: 114 Resp: 644630

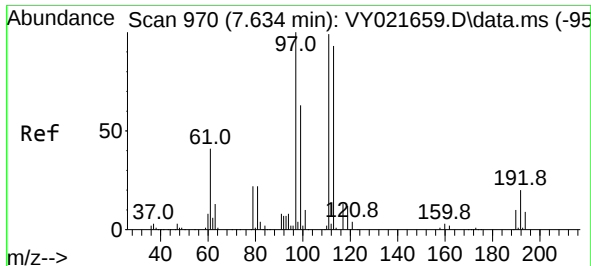
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 15.0 0.0 29.8

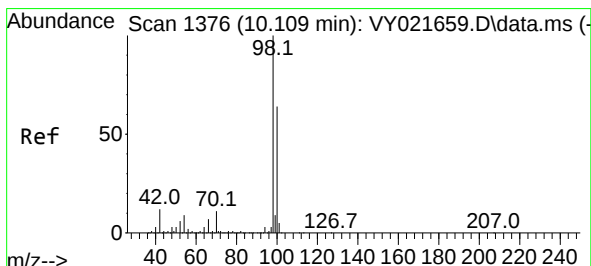
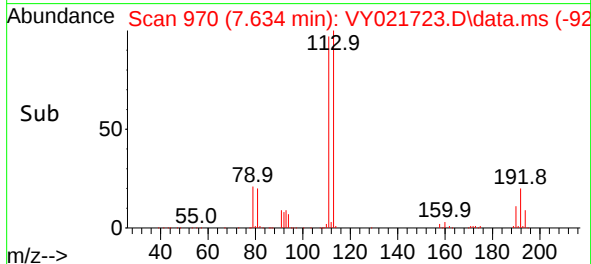
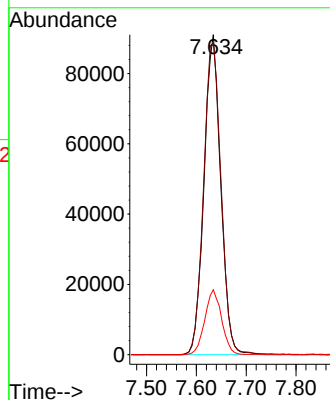
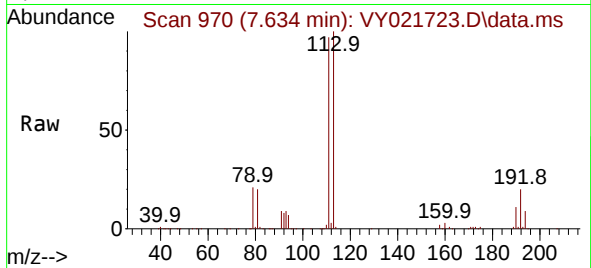




#35
Dibromofluoromethane
Concen: 50.632 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

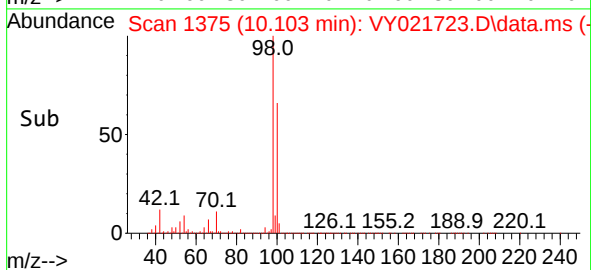
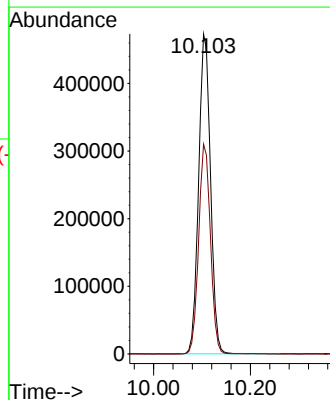
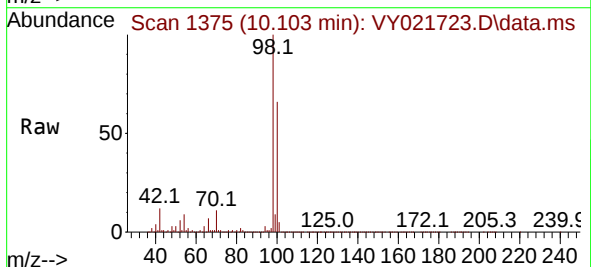
Instrument :
MSVOA_Y
ClientSampleId :
T3

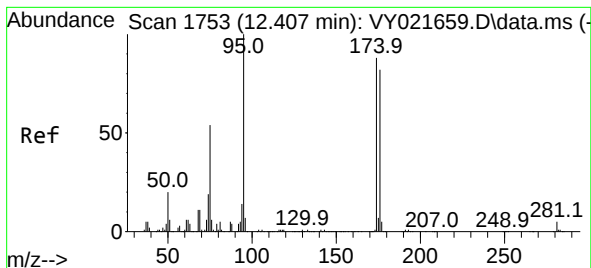
Tgt Ion:113 Resp: 211723
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 20.4 16.2 24.4



#50
Toluene-d8
Concen: 50.518 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

Tgt Ion: 98 Resp: 803652
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

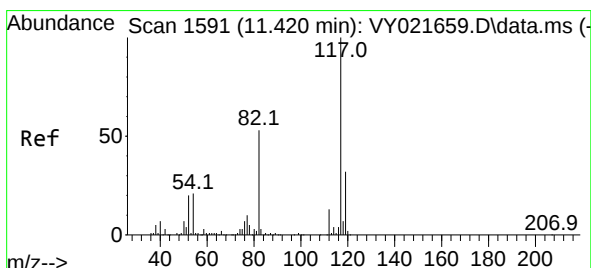
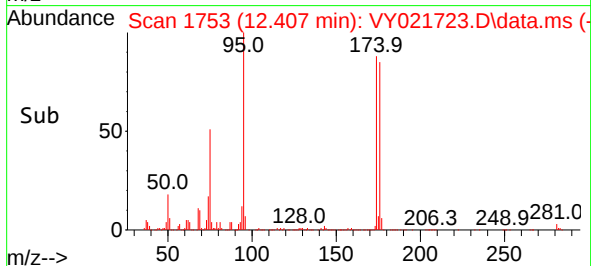
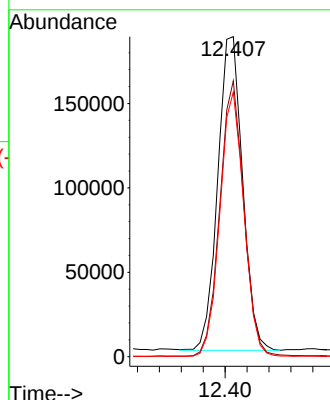
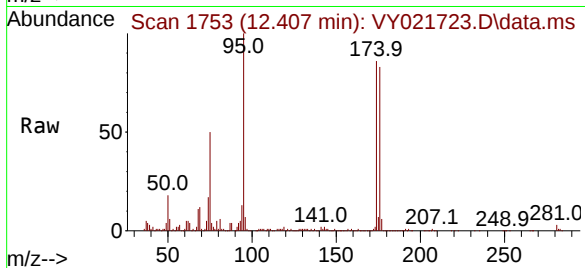




#62
4-Bromofluorobenzene
Concen: 54.298 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

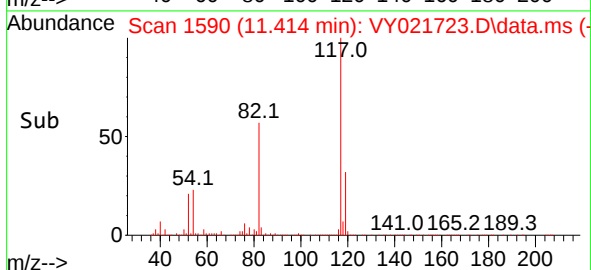
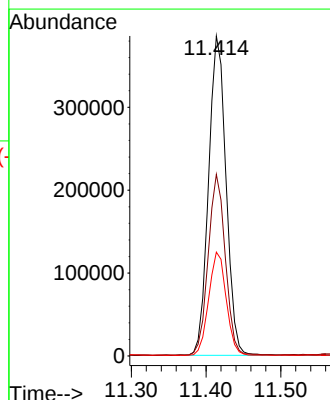
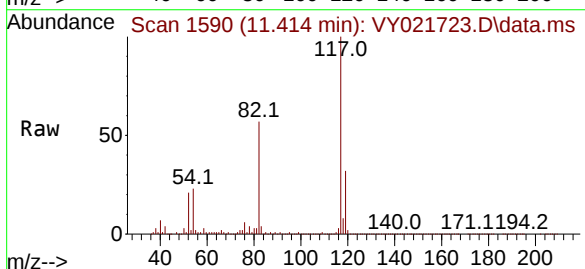
Instrument :
MSVOA_Y
ClientSampleId :
T3

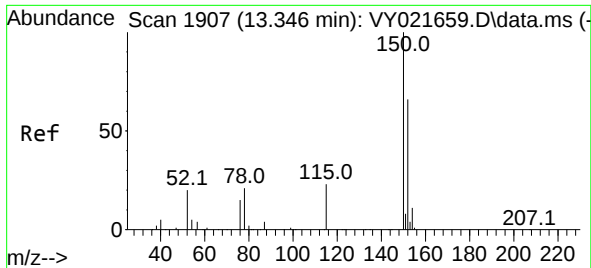
Tgt Ion: 95 Resp: 292173
Ion Ratio Lower Upper
95 100
174 85.1 0.0 170.8
176 81.4 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021723.D
Acq: 31 Mar 2025 16:35

Tgt Ion: 117 Resp: 625342
Ion Ratio Lower Upper
117 100
82 56.5 42.8 64.2
119 32.3 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: VY021723.D
 Acq: 31 Mar 2025 16:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 T3

Tgt Ion:152 Resp: 280019
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.8 86.5
 150 157.2 0.0 348.4

