

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021737.D
 Acq On : 01 Apr 2025 13:22
 Operator : SY/MD
 Sample : Q1675-09
 Misc : 8.15g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T3

Quant Time: Apr 02 03:23:04 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)

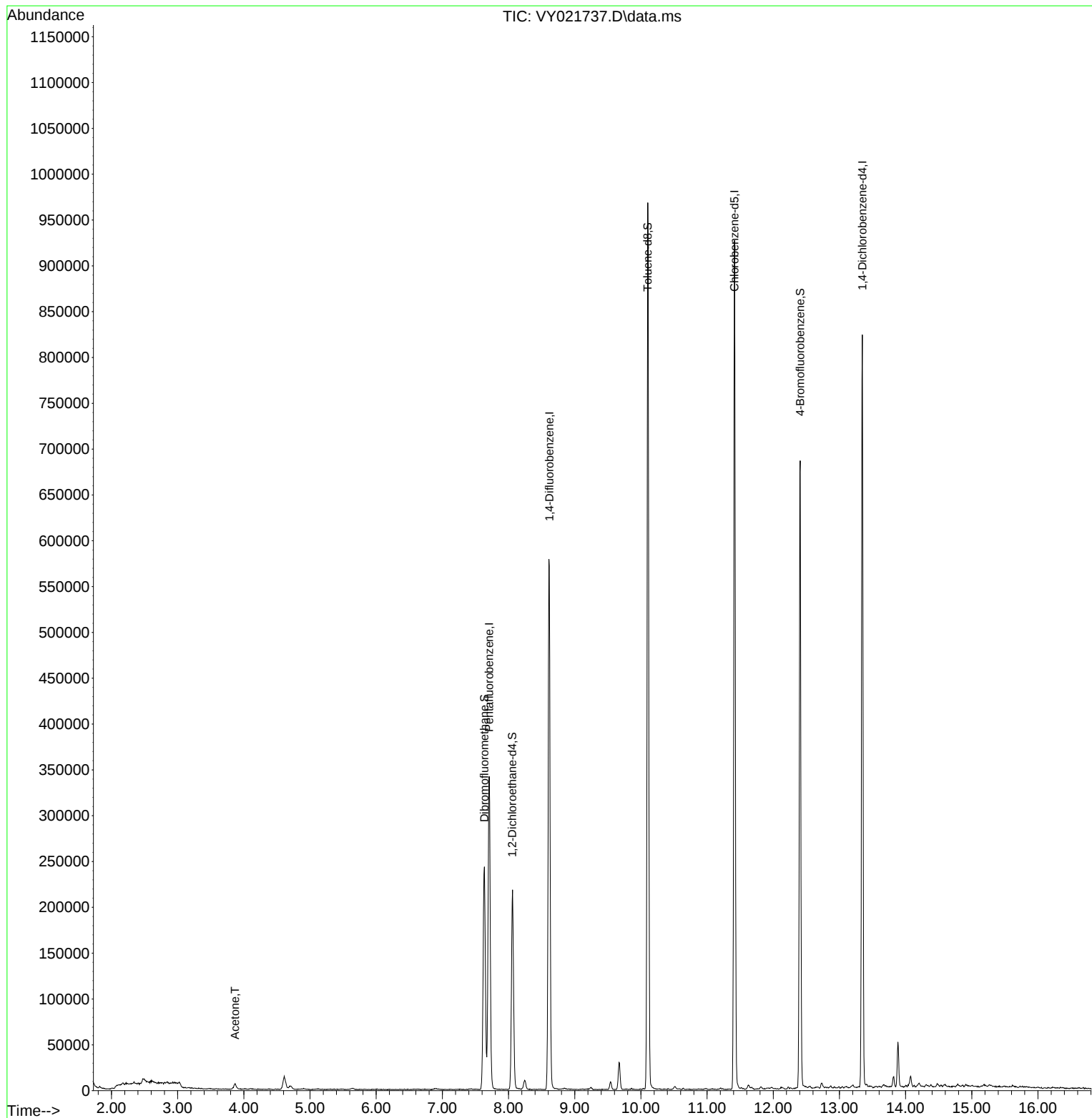
Internal Standards						
1) Pentafluorobenzene	7.707	168	259184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	488873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	462972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	201176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	169059	60.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.400%	
35) Dibromofluoromethane	7.634	113	168115	53.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.020%	
50) Toluene-d8	10.103	98	605610	50.198	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.400%	
62) 4-Bromofluorobenzene	12.408	95	206234	50.539	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.080%	
Target Compounds						
16) Acetone	3.867	43	9363	16.291	ug/l	Qvalue 93

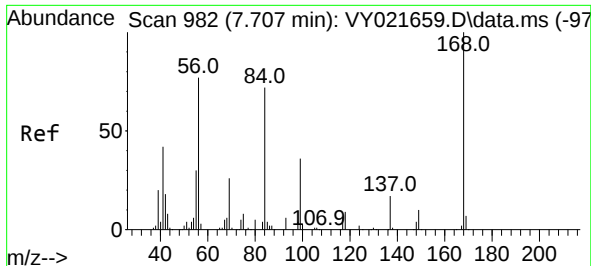
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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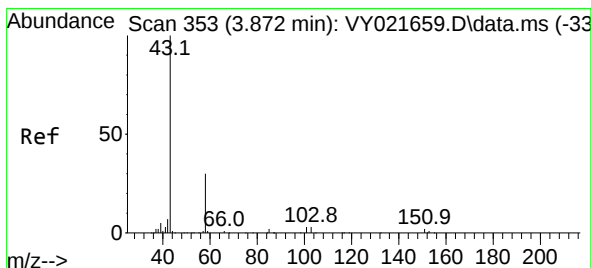
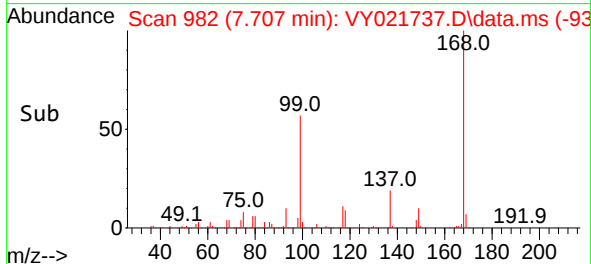
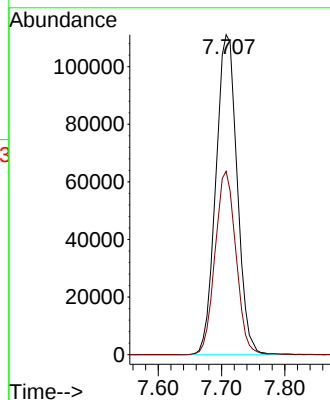
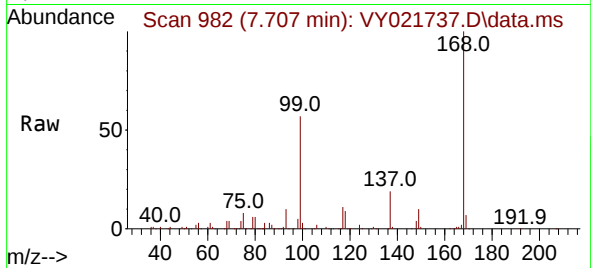




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. 0.000 min
Lab File: VY021737.D
Acq: 01 Apr 2025 13:22

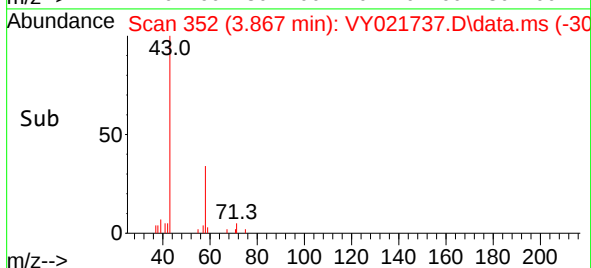
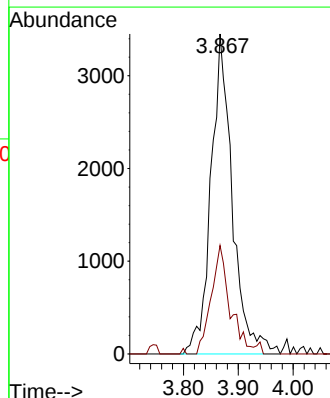
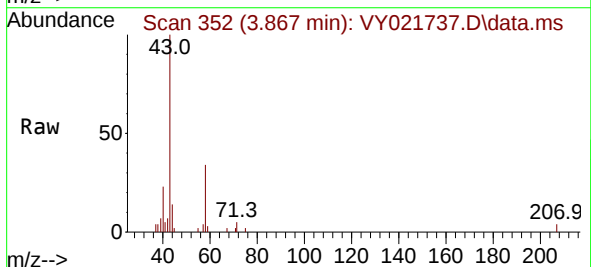
Instrument :
MSVOA_Y
ClientSampleId :
T3

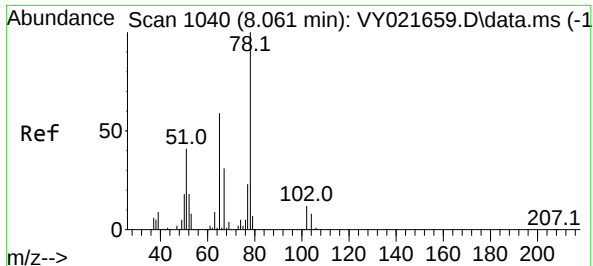
Tgt Ion:168 Resp: 259184
Ion Ratio Lower Upper
168 100
99 57.3 46.7 70.1



#16
Acetone
Concen: 16.291 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021737.D
Acq: 01 Apr 2025 13:22

Tgt Ion: 43 Resp: 9363
Ion Ratio Lower Upper
43 100
58 33.9 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 60.202 ug/l

RT: 8.055 min Scan# 11039

Delta R.T. -0.006 min

Lab File: VY021737.D

Acq: 01 Apr 2025 13:22

Instrument :

MSVOA_Y

ClientSampleId :

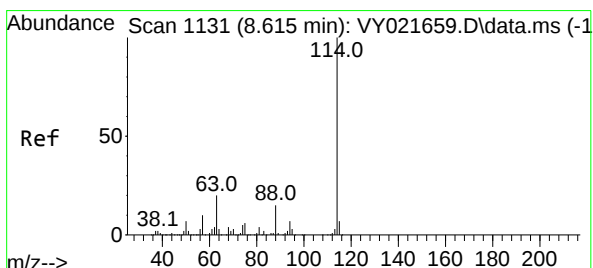
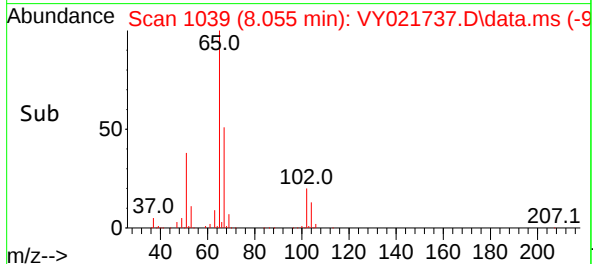
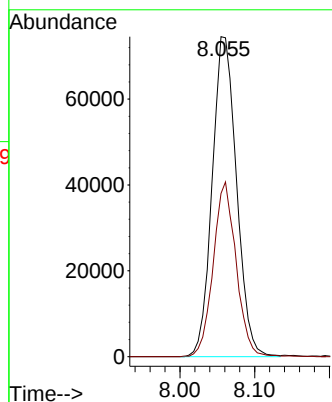
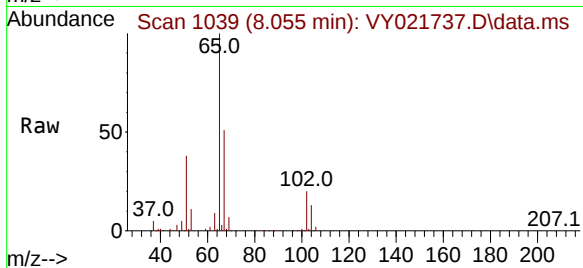
T3

Tgt Ion: 65 Resp: 169059

Ion Ratio Lower Upper

65 100

67 51.4 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: VY021737.D

Acq: 01 Apr 2025 13:22

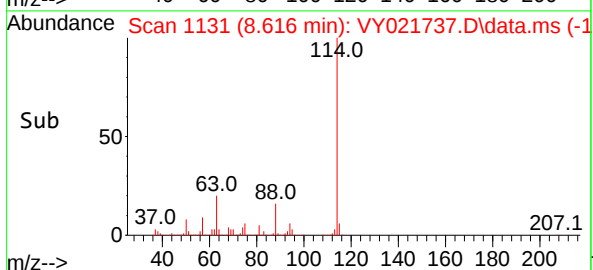
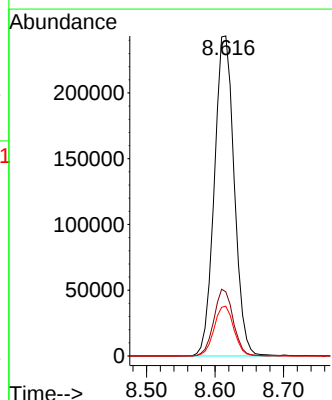
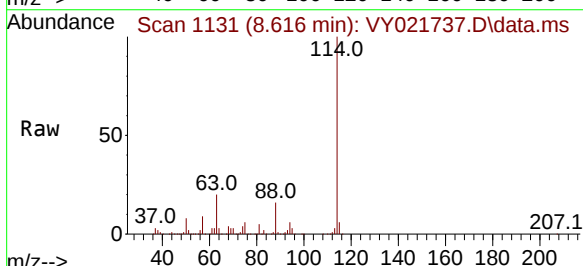
Tgt Ion: 114 Resp: 488873

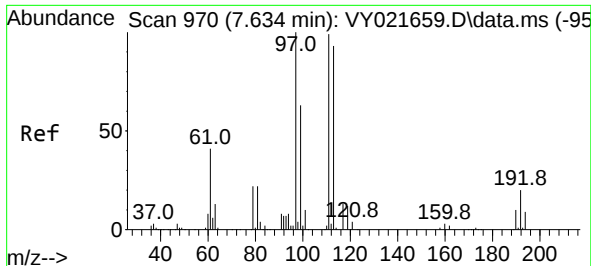
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 15.5 0.0 29.8

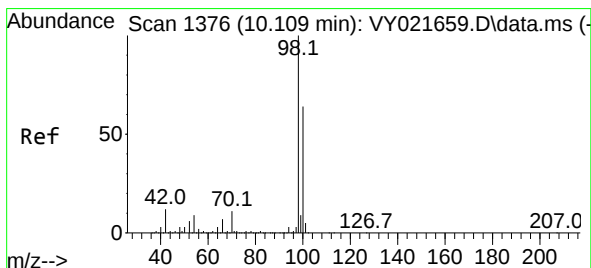
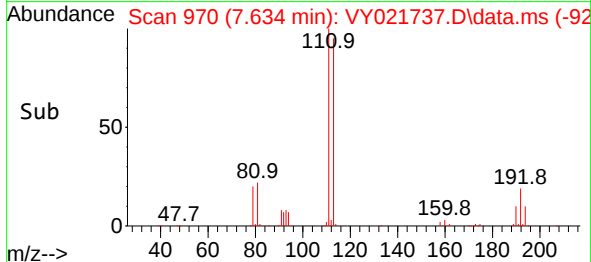
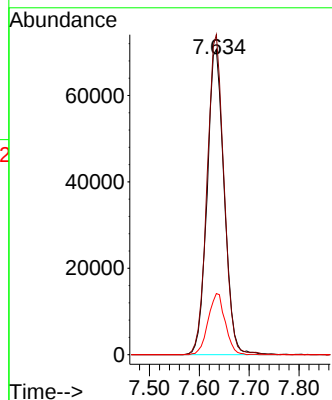
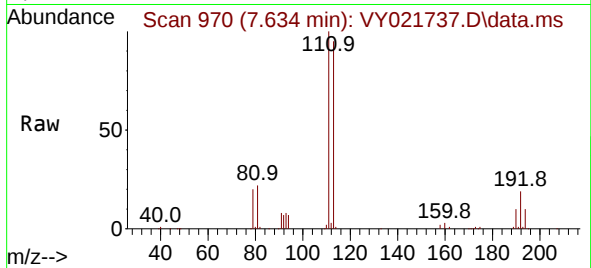




#35
Dibromofluoromethane
Concen: 53.012 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021737.D
Acq: 01 Apr 2025 13:22

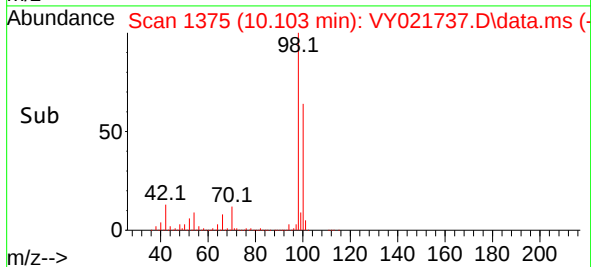
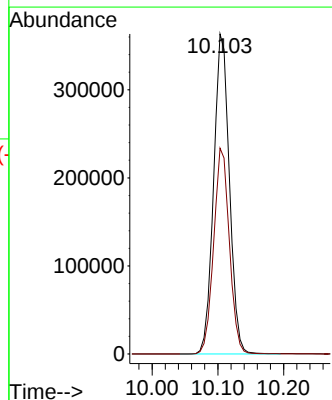
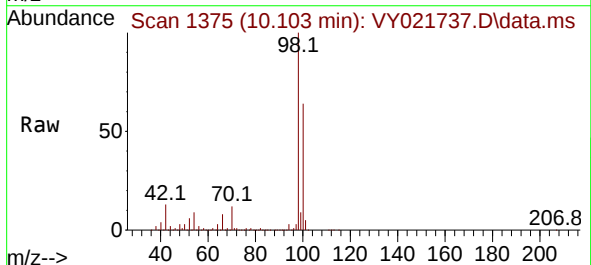
Instrument :
MSVOA_Y
ClientSampleId :
T3

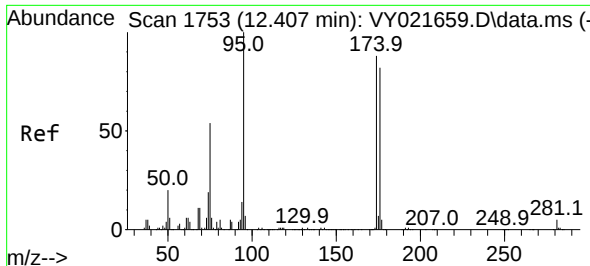
Tgt Ion:113 Resp: 168115
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 19.9 16.2 24.4



#50
Toluene-d8
Concen: 50.198 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021737.D
Acq: 01 Apr 2025 13:22

Tgt Ion: 98 Resp: 605610
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1

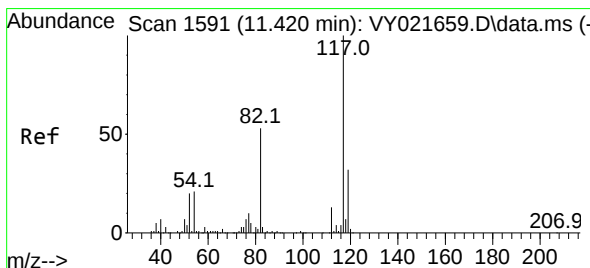
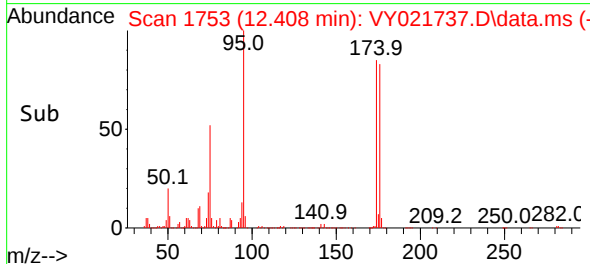
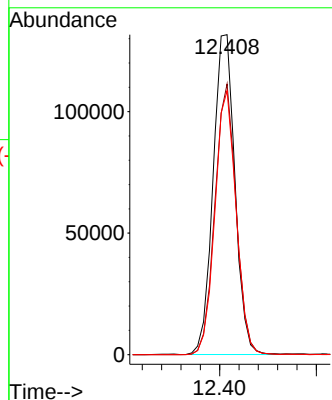
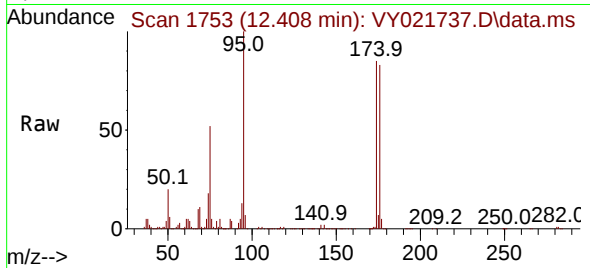




#62
4-Bromofluorobenzene
Concen: 50.539 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021737.D
Acq: 01 Apr 2025 13:22

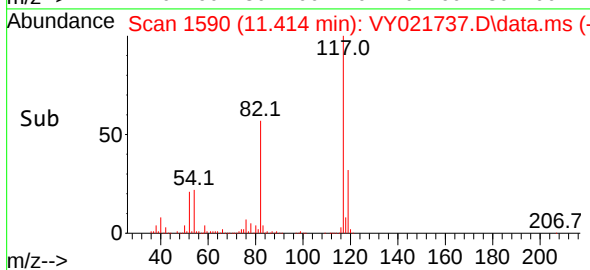
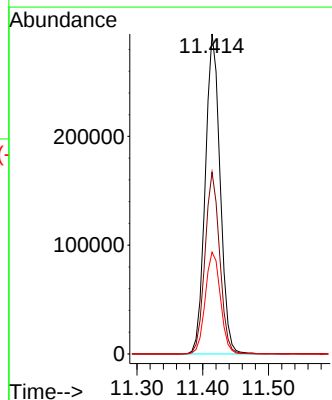
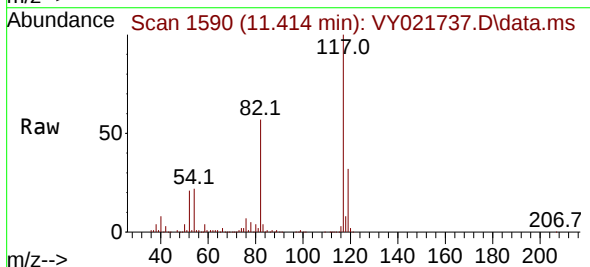
Instrument :
MSVOA_Y
ClientSampleId :
T3

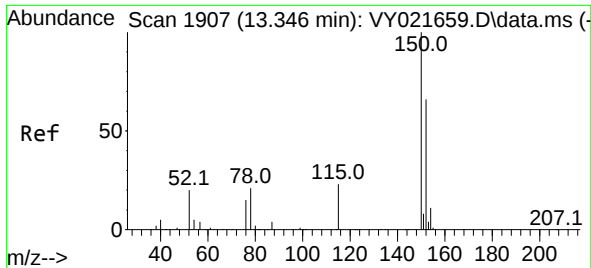
Tgt Ion: 95 Resp: 206234
Ion Ratio Lower Upper
95 100
174 82.2 0.0 170.8
176 80.1 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021737.D
Acq: 01 Apr 2025 13:22

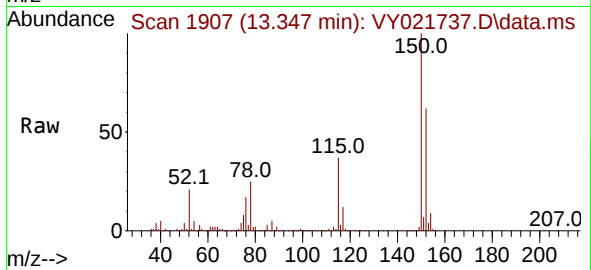
Tgt Ion: 117 Resp: 462972
Ion Ratio Lower Upper
117 100
82 56.8 42.8 64.2
119 31.8 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021737.D
 Acq: 01 Apr 2025 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 T3



Tgt Ion:	152	Resp:	201176
Ion Ratio	Lower	Upper	
152	100		
115	58.4	28.8	86.5
150	159.2	0.0	348.4

