

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021707.D
 Acq On : 28 Mar 2025 21:06
 Operator : SY/MD
 Sample : Q1657-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998

Quant Time: Mar 28 23:50:38 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)

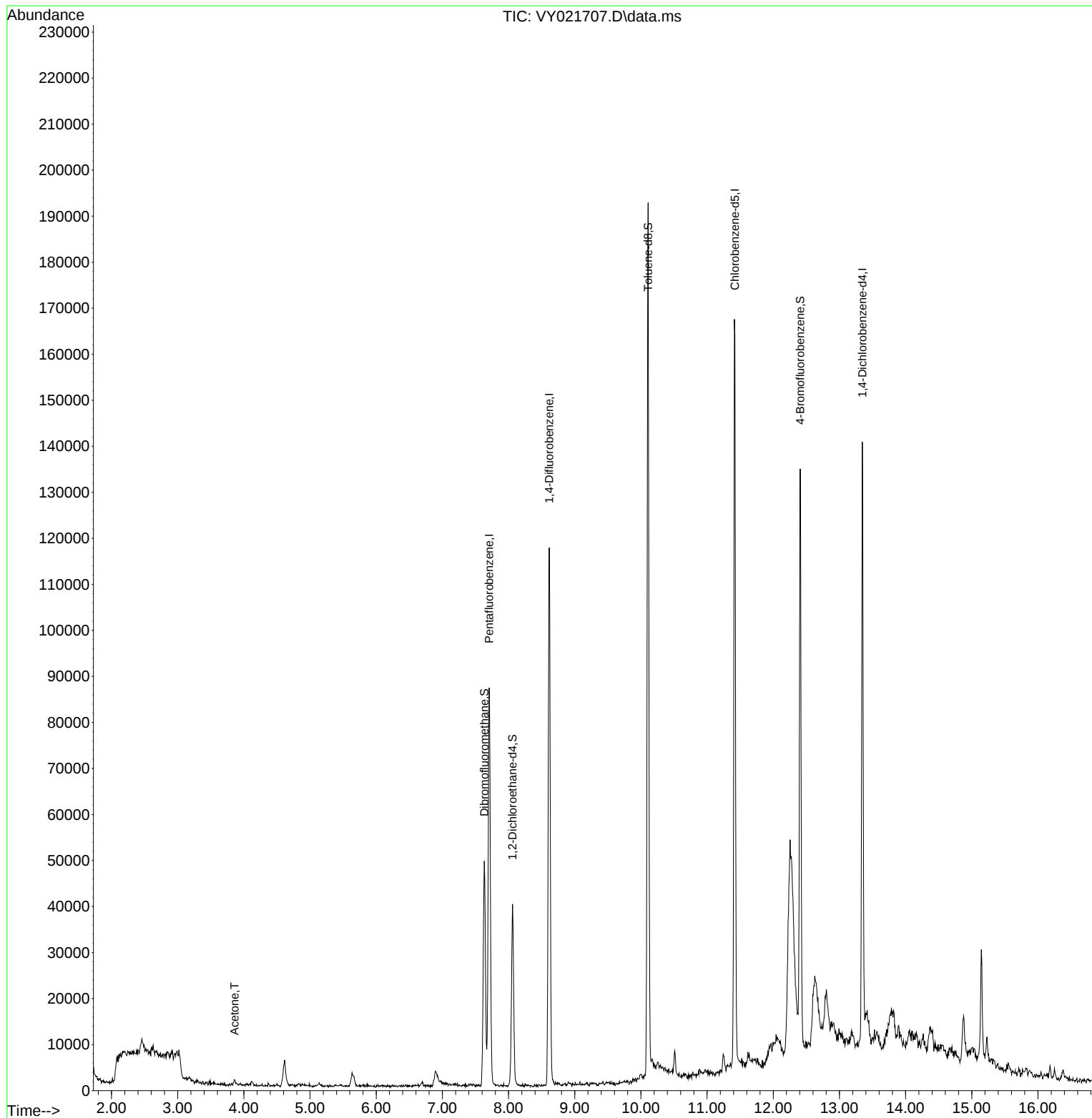
Internal Standards						
1) Pentafluorobenzene	7.707	168	64473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	98526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	85509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	31489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	30072	43.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.100%
35) Dibromofluoromethane	7.634	113	32801	51.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.640%
50) Toluene-d8	10.109	98	122411	50.346	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.407	95	37155	45.178	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.360%
Target Compounds						
16) Acetone	3.860	43	1732	12.115	ug/l	Qvalue # 86

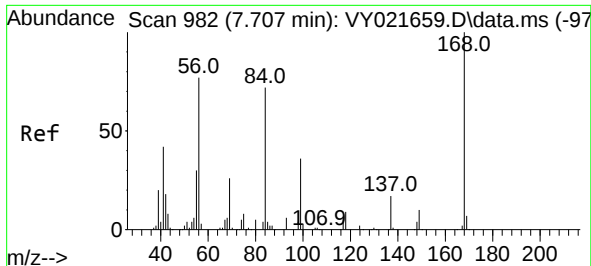
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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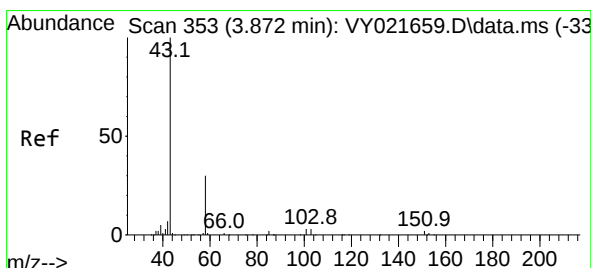
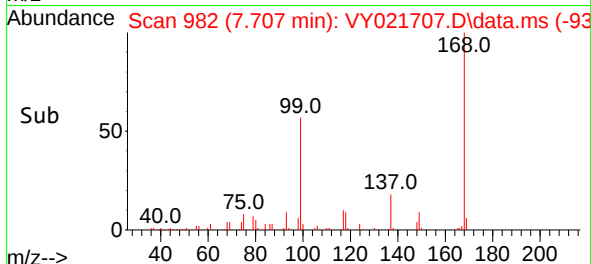
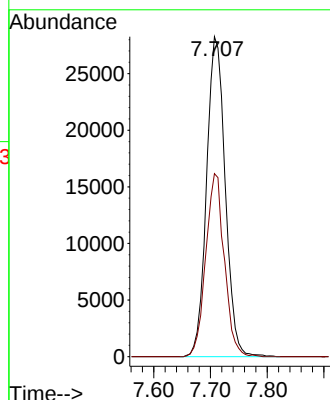
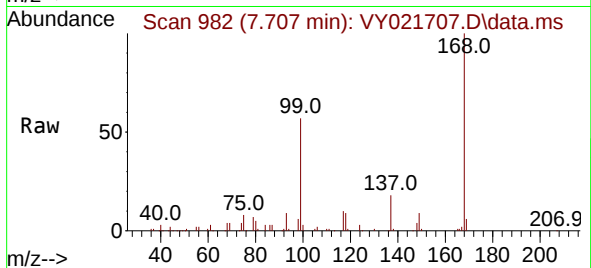




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021707.D
Acq: 28 Mar 2025 21:06

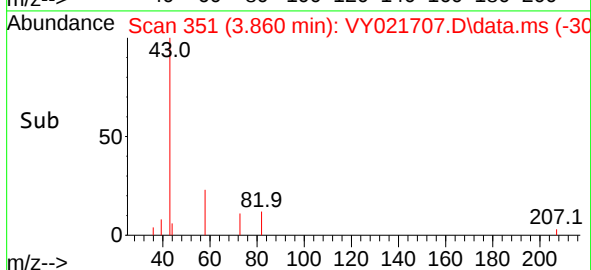
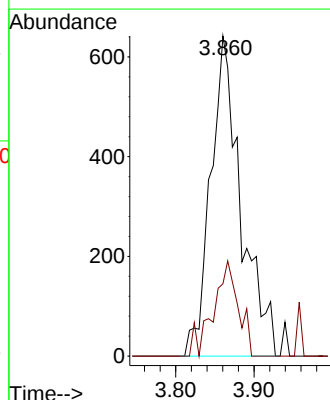
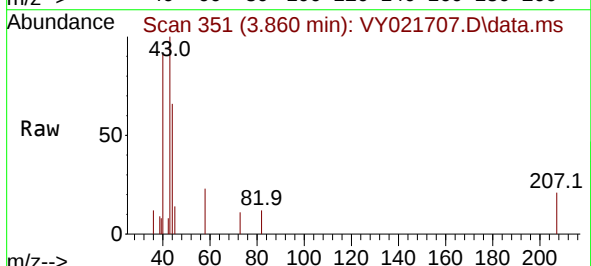
Instrument :
MSVOA_Y
ClientSampleId :
72-11998

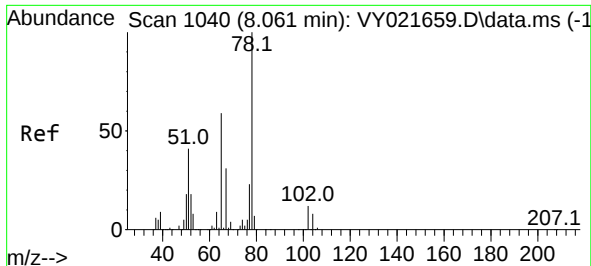
Tgt Ion:168 Resp: 64473
Ion Ratio Lower Upper
168 100
99 57.2 46.7 70.1



#16
Acetone
Concen: 12.115 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021707.D
Acq: 28 Mar 2025 21:06

Tgt Ion: 43 Resp: 1732
Ion Ratio Lower Upper
43 100
58 22.6 24.2 36.4#





#33

1,2-Dichloroethane-d4

Concen: 43.049 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021707.D

Acq: 28 Mar 2025 21:06

Instrument :

MSVOA_Y

ClientSampleId :

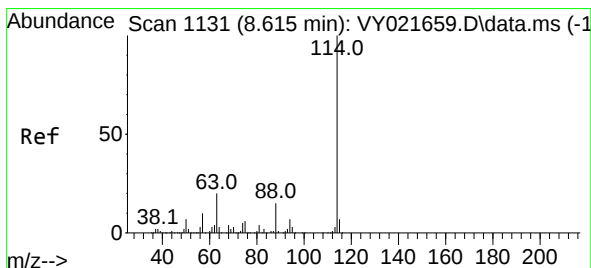
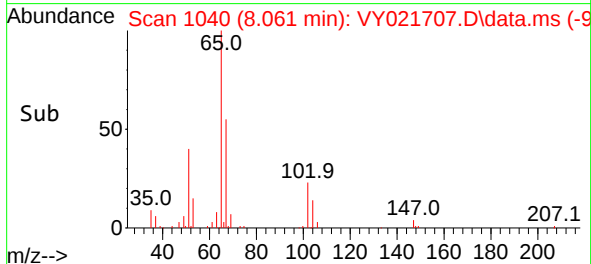
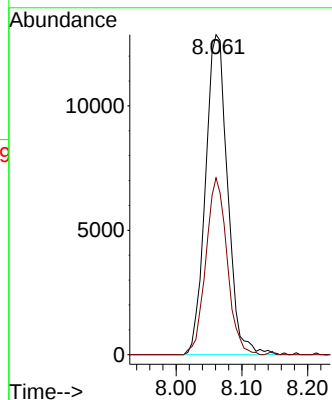
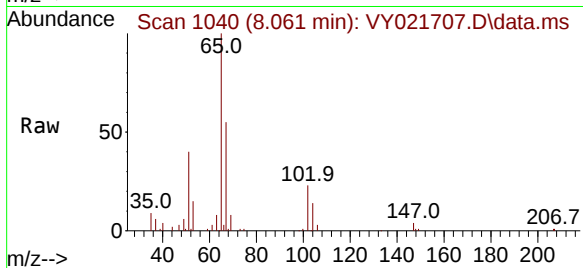
72-11998

Tgt Ion: 65 Resp: 30072

Ion Ratio Lower Upper

65 100

67 53.2 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: VY021707.D

Acq: 28 Mar 2025 21:06

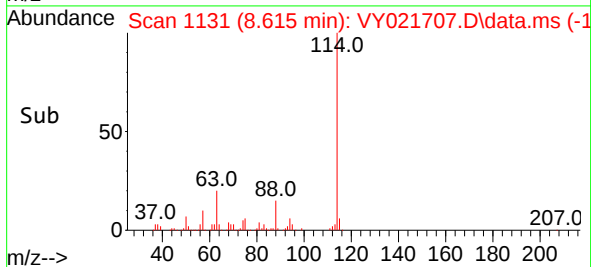
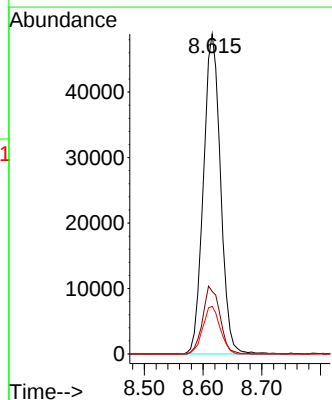
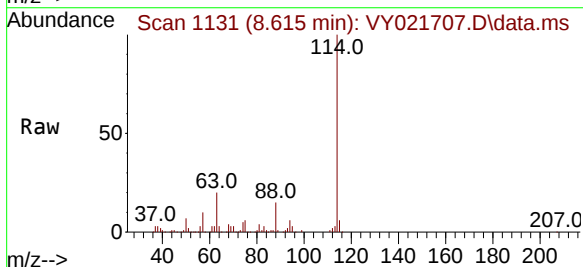
Tgt Ion: 114 Resp: 98526

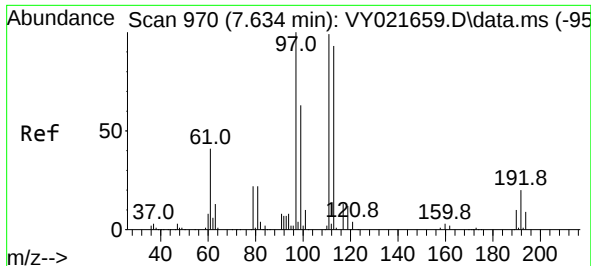
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 14.9 0.0 29.8



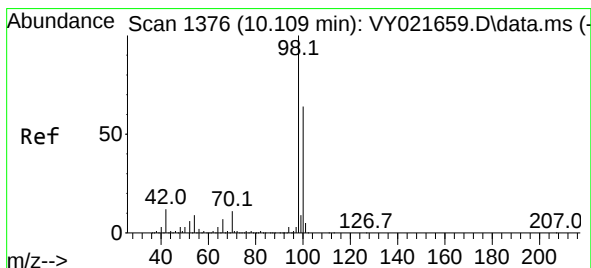
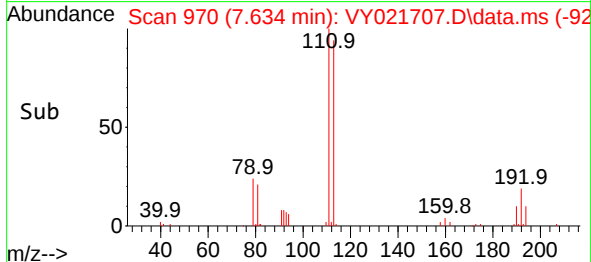
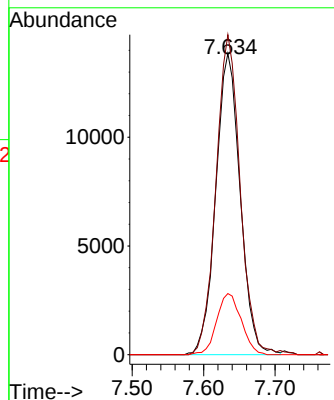
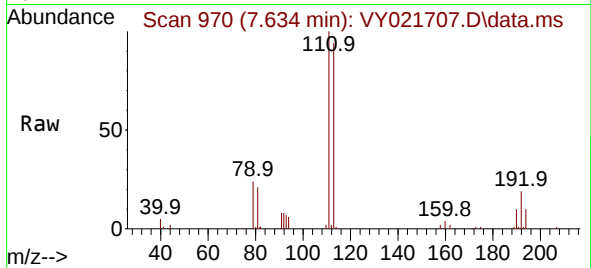


#35
 Dibromofluoromethane
 Concen: 51.322 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY021707.D
 Acq: 28 Mar 2025 21:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998

Tgt Ion:113 Resp: 32801

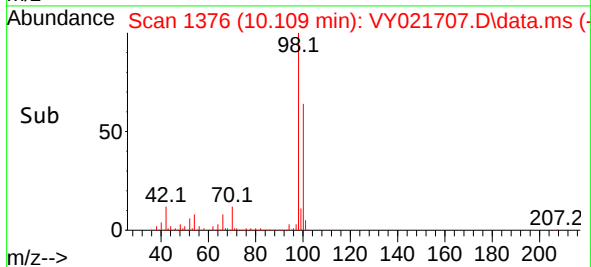
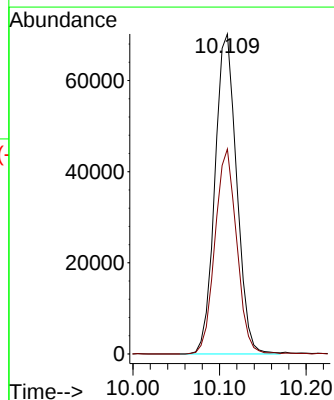
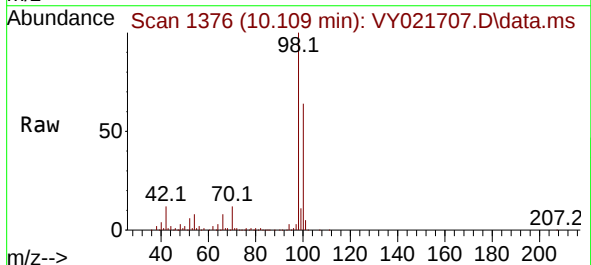
Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.6	123.8
192	20.4	16.2	24.4

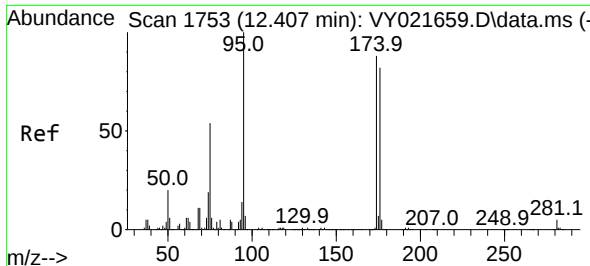


#50
 Toluene-d8
 Concen: 50.346 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: VY021707.D
 Acq: 28 Mar 2025 21:06

Tgt Ion: 98 Resp: 122411

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.1	78.1

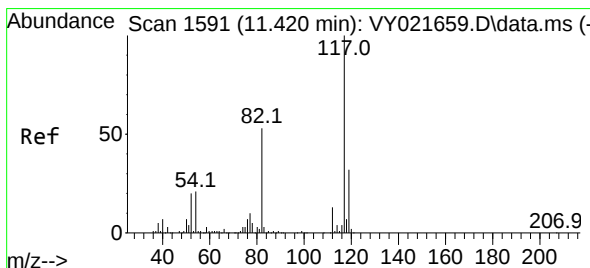
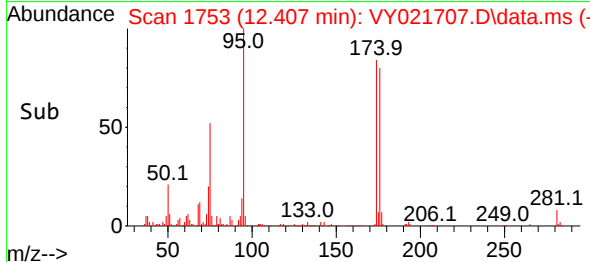
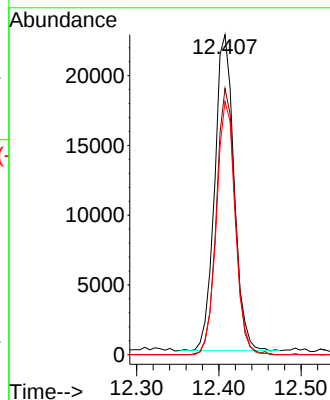
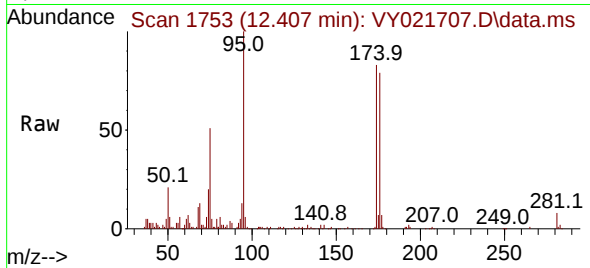




#62
4-Bromofluorobenzene
Concen: 45.178 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021707.D
Acq: 28 Mar 2025 21:06

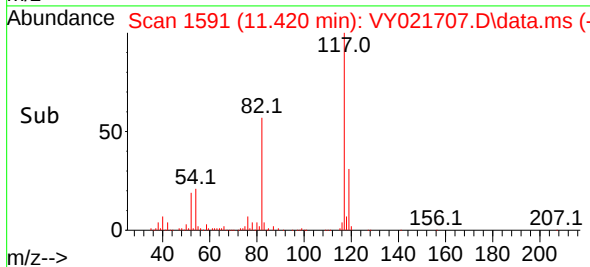
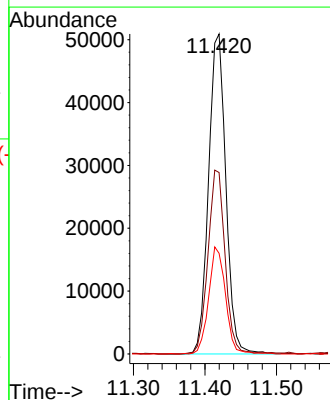
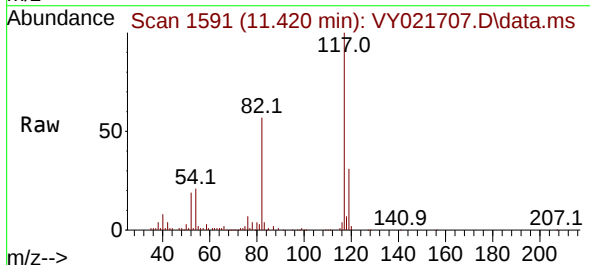
Instrument :
MSVOA_Y
ClientSampleId :
72-11998

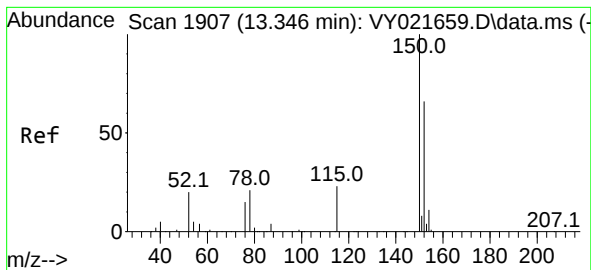
Tgt Ion: 95 Resp: 37155
Ion Ratio Lower Upper
95 100
174 81.7 0.0 170.8
176 77.8 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021707.D
Acq: 28 Mar 2025 21:06

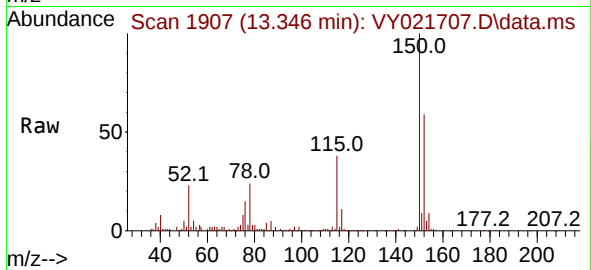
Tgt Ion: 117 Resp: 85509
Ion Ratio Lower Upper
117 100
82 56.7 42.8 64.2
119 31.5 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY021707.D
 Acq: 28 Mar 2025 21:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11998



Tgt Ion:	152	Resp:	31489
Ion Ratio	Lower	Upper	
152	100		
115	58.8	28.8	86.5
150	158.2	0.0	348.4

