

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021690.D
 Acq On : 28 Mar 2025 14:28
 Operator : SY/MD
 Sample : Q1648-11
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8

Quant Time: Mar 28 17:15:45 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)

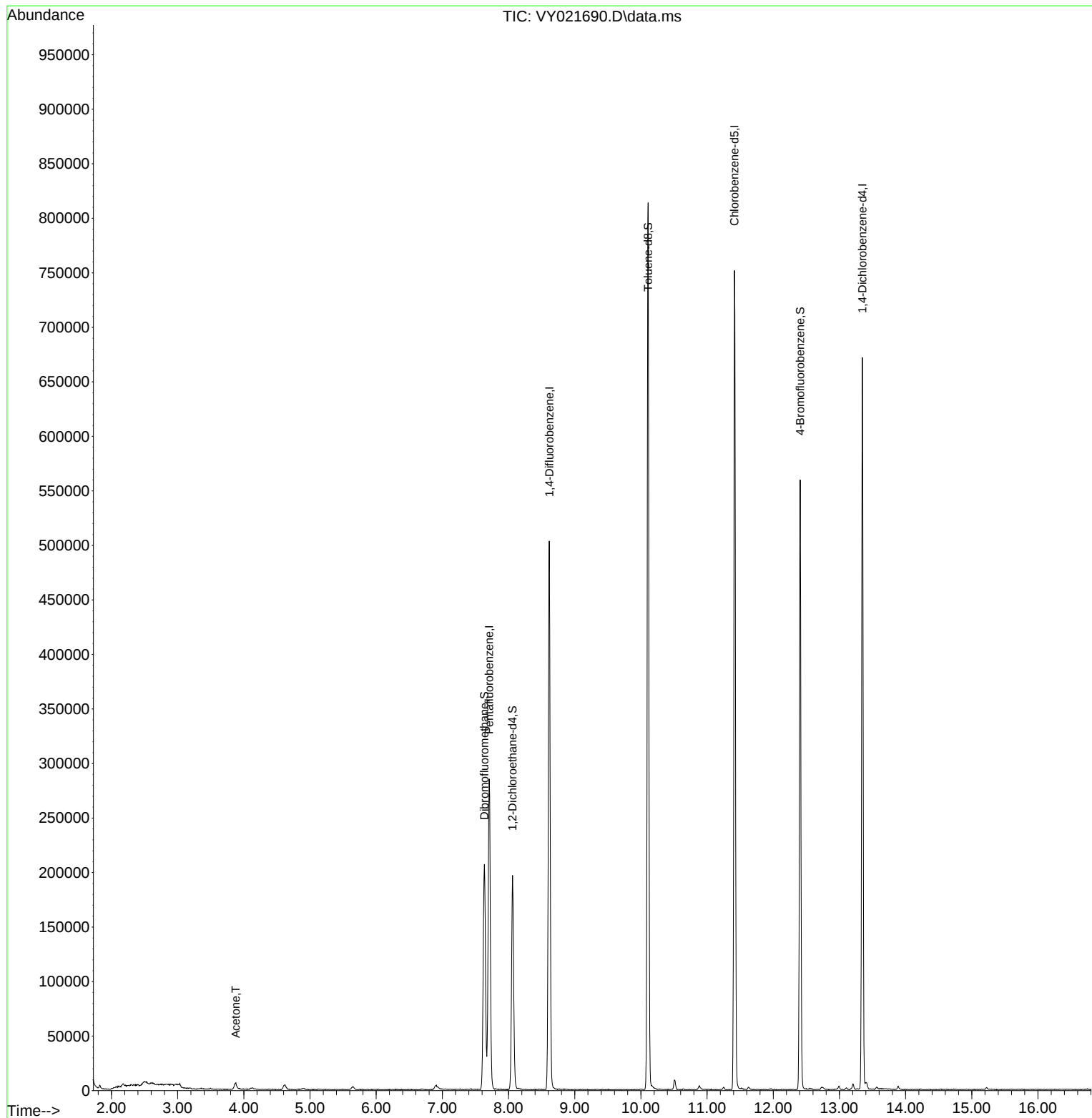
Internal Standards						
1) Pentafluorobenzene	7.707	168	213659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	414196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	389068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	160393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148624	64.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.400%	
35) Dibromofluoromethane	7.634	113	146711	54.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.200%	
50) Toluene-d8	10.109	98	513024	50.191	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	12.408	95	162033	46.866	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.740%	
Target Compounds						Qvalue
16) Acetone	3.879	43	10455	22.067	ug/l	91

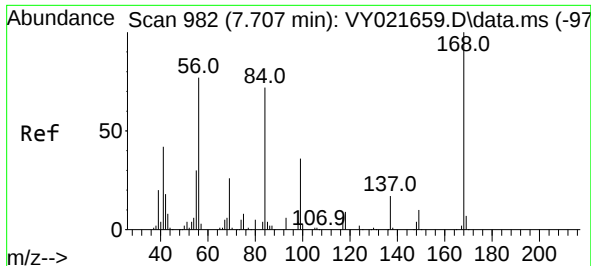
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
Data File : VY021690.D
Acq On : 28 Mar 2025 14:28
Operator : SY/MD
Sample : Q1648-11
Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-8

Quant Time: Mar 28 17:15:45 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

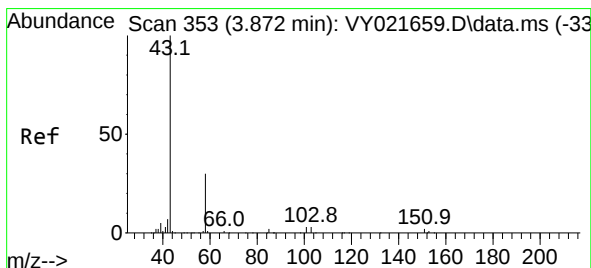
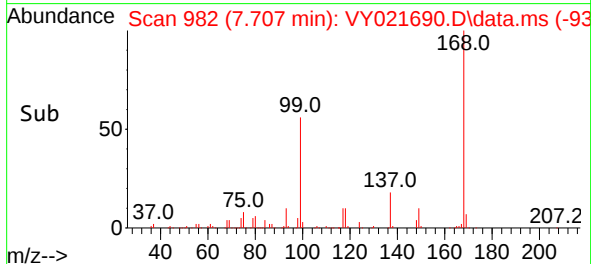
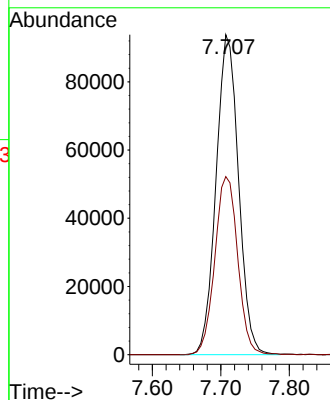
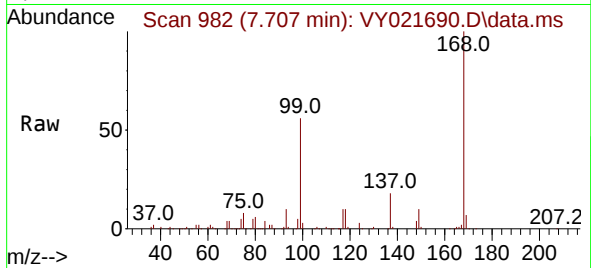




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021690.D
Acq: 28 Mar 2025 14:28

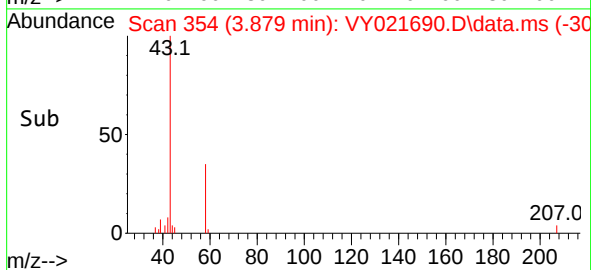
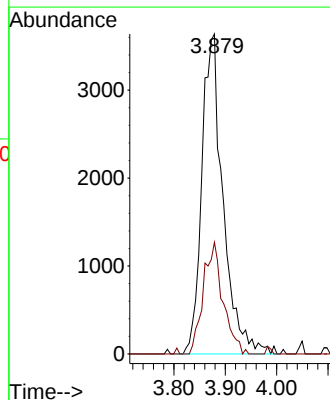
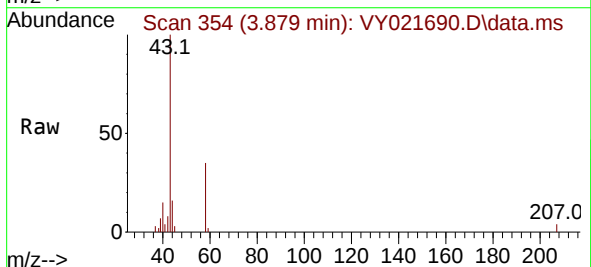
Instrument :
MSVOA_Y
ClientSampleId :
TP-8

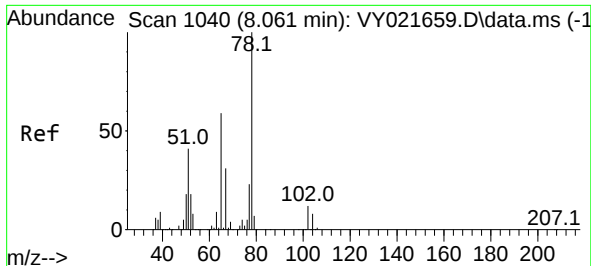
Tgt Ion:168 Resp: 213659
Ion Ratio Lower Upper
168 100
99 55.6 46.7 70.1



#16
Acetone
Concen: 22.067 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021690.D
Acq: 28 Mar 2025 14:28

Tgt Ion: 43 Resp: 10455
Ion Ratio Lower Upper
43 100
58 34.9 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 64.202 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021690.D

Acq: 28 Mar 2025 14:28

Instrument :

MSVOA_Y

ClientSampleId :

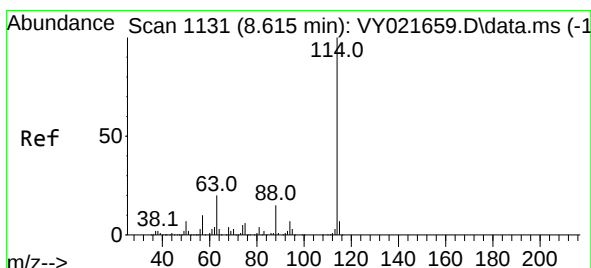
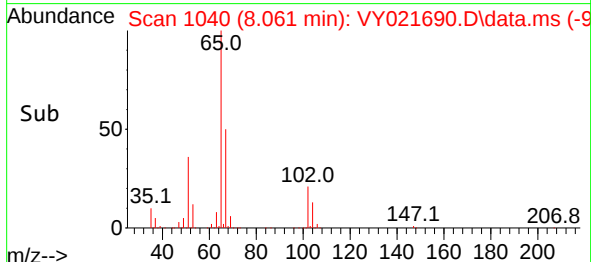
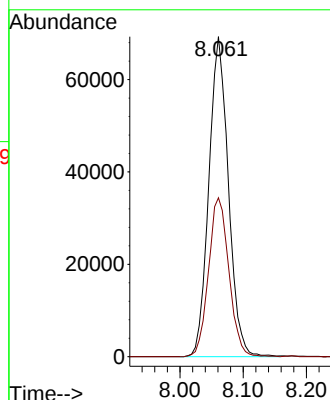
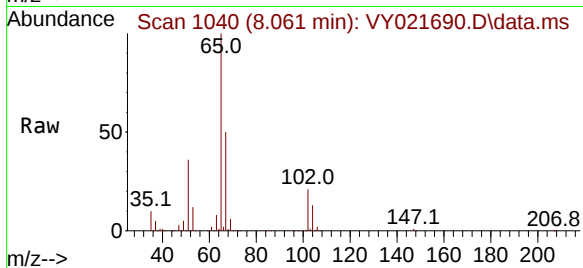
TP-8

Tgt Ion: 65 Resp: 148624

Ion Ratio Lower Upper

65 100

67 51.9 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: VY021690.D

Acq: 28 Mar 2025 14:28

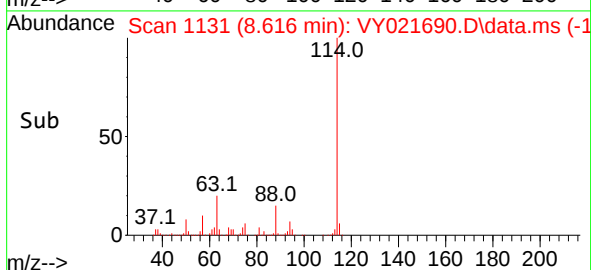
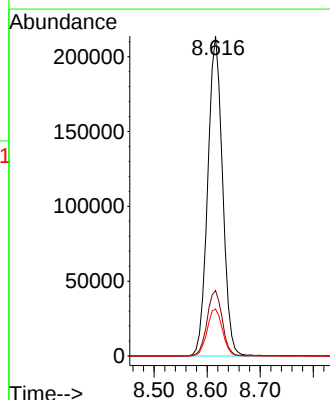
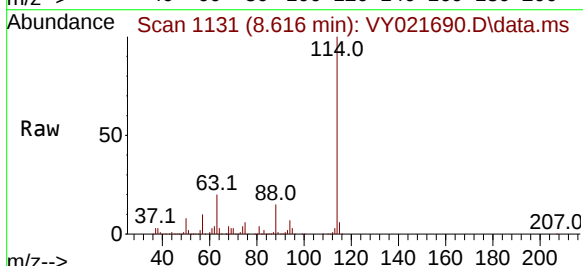
Tgt Ion: 114 Resp: 414196

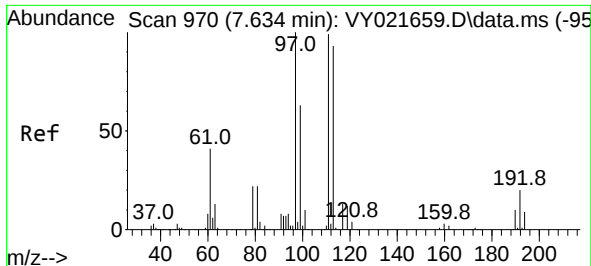
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

88 14.7 0.0 29.8

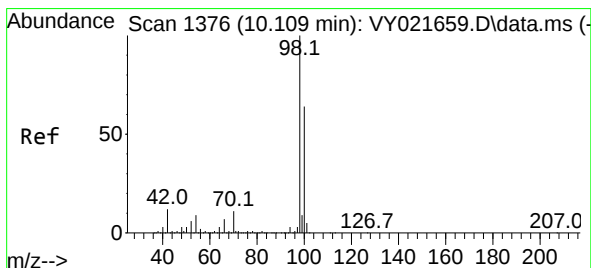
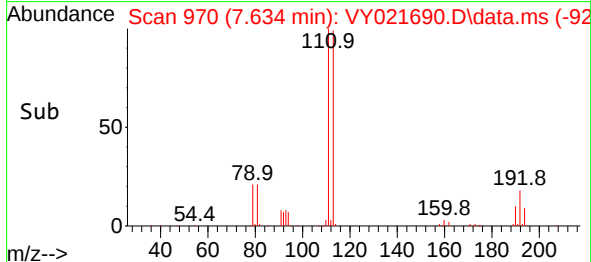
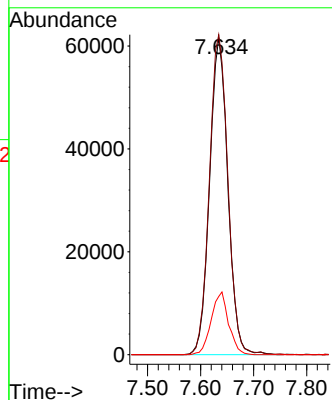
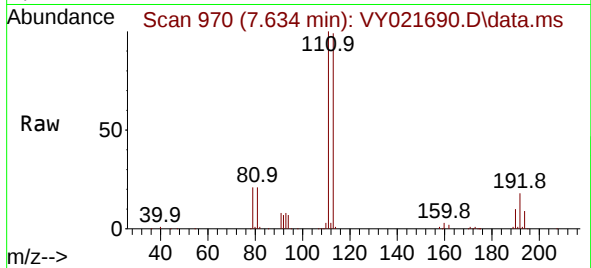




#35
Dibromofluoromethane
Concen: 54.604 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021690.D
Acq: 28 Mar 2025 14:28

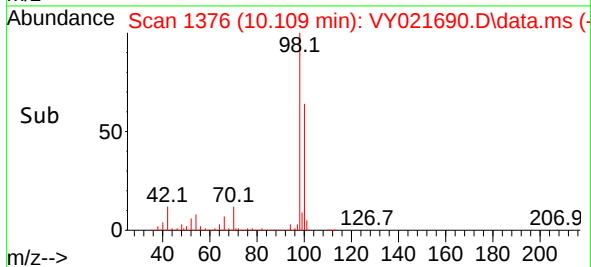
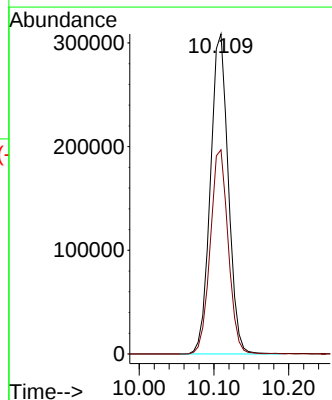
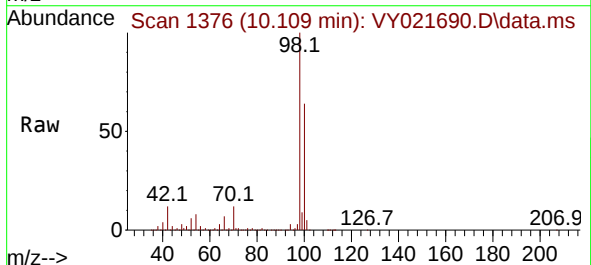
Instrument :
MSVOA_Y
ClientSampleId :
TP-8

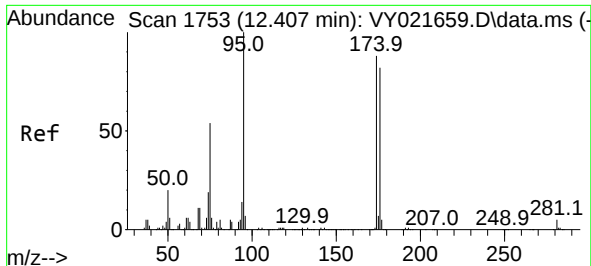
Tgt Ion:113 Resp: 146711
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 18.9 16.2 24.4



#50
Toluene-d8
Concen: 50.191 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021690.D
Acq: 28 Mar 2025 14:28

Tgt Ion: 98 Resp: 513024
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 46.866 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021690.D

Acq: 28 Mar 2025 14:28

Instrument :

MSVOA_Y

ClientSampleId :

TP-8

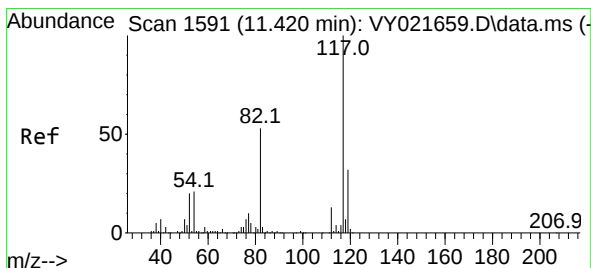
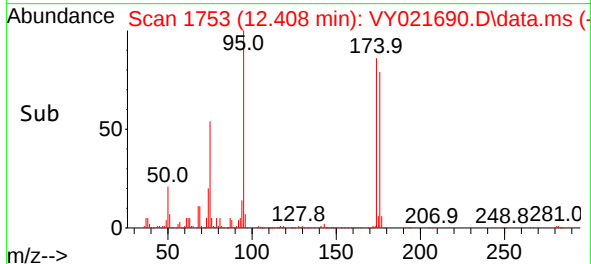
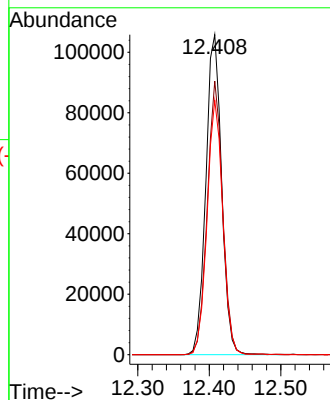
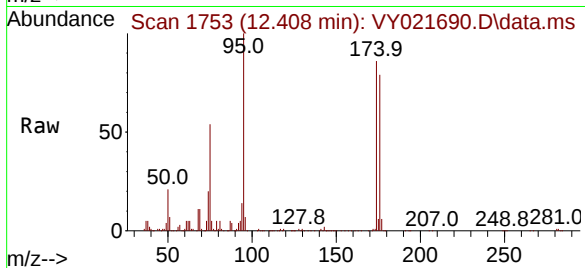
Tgt Ion: 95 Resp: 162033

Ion Ratio Lower Upper

95 100

174 83.8 0.0 170.8

176 79.1 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: VY021690.D

Acq: 28 Mar 2025 14:28

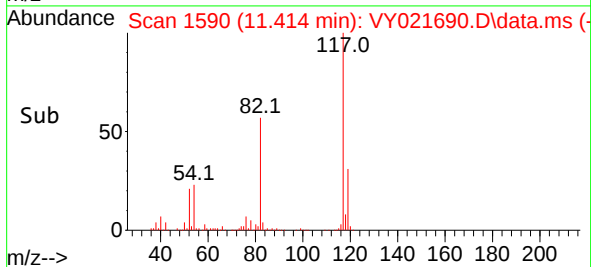
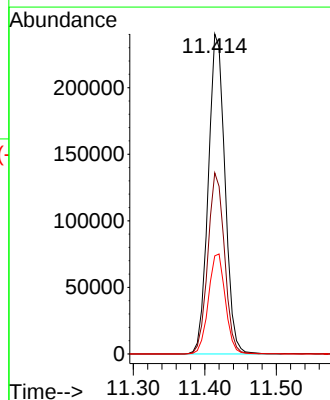
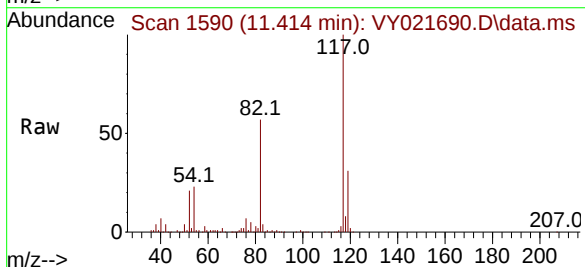
Tgt Ion: 117 Resp: 389068

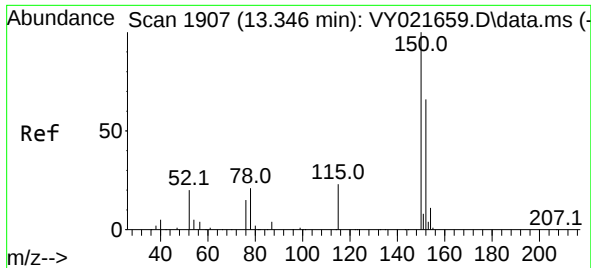
Ion Ratio Lower Upper

117 100

82 56.6 42.8 64.2

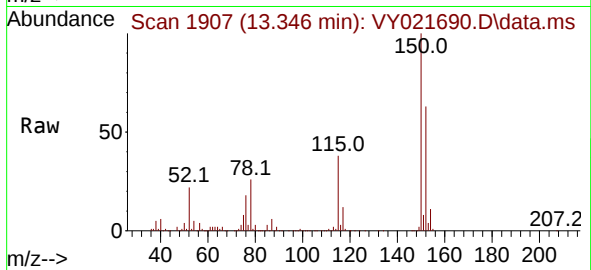
119 30.7 25.7 38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021690.D
Acq: 28 Mar 2025 14:28

Instrument :
MSVOA_Y
ClientSampleId :
TP-8



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.8	86.5
150	157.1	0.0	348.4

