

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021662.D
 Acq On : 27 Mar 2025 12:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 28 03:48:29 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	268784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	491305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	431161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	167864	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	149070	51.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.380%
35) Dibromofluoromethane	7.634	113	160565	50.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.760%
50) Toluene-d8	10.109	98	595497	49.116	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.240%
62) 4-Bromofluorobenzene	12.408	95	180049	43.903	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.800%

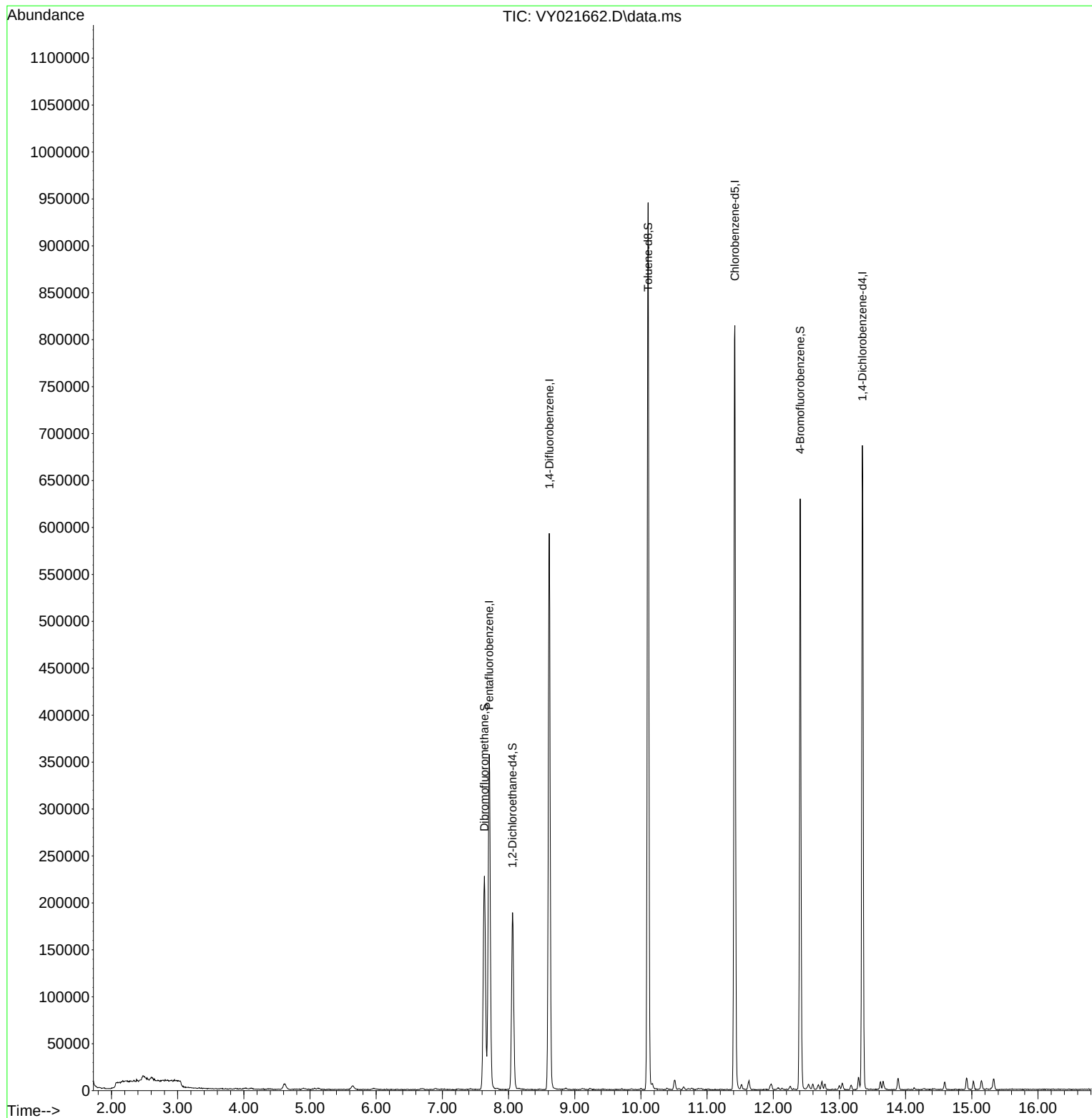
Target Compounds	Qvalue

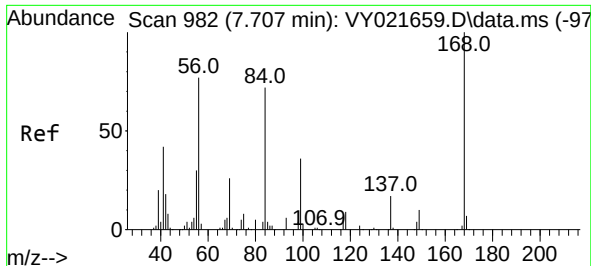
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021662.D
Acq On : 27 Mar 2025 12:35
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Mar 28 03:48:29 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

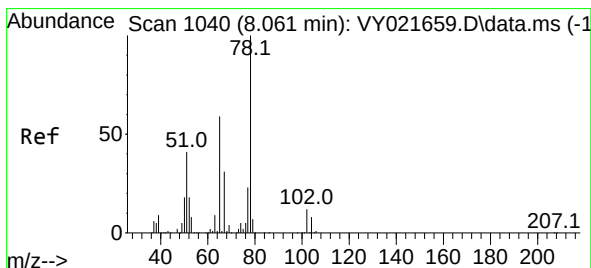
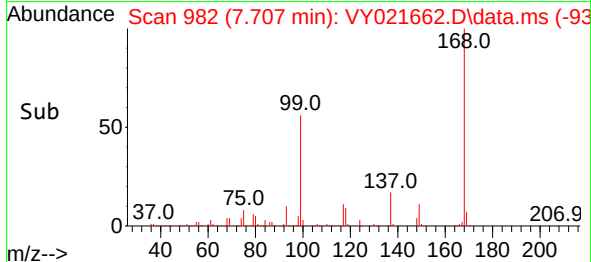
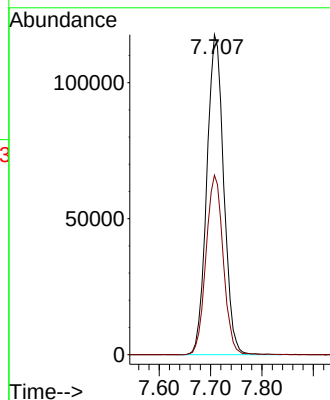
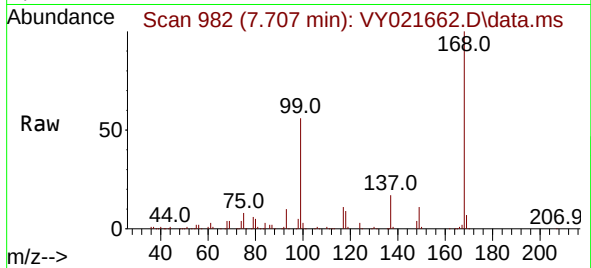




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021662.D
Acq: 27 Mar 2025 12:35

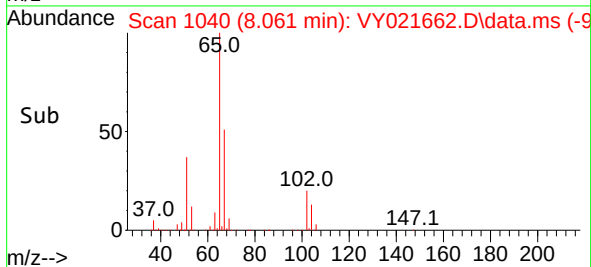
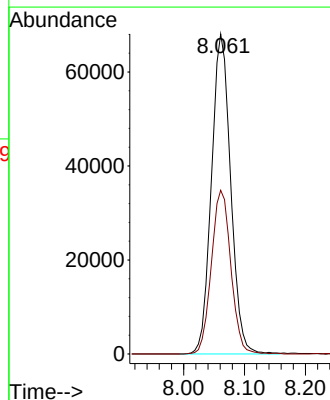
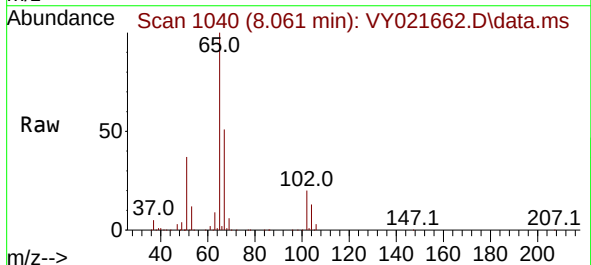
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

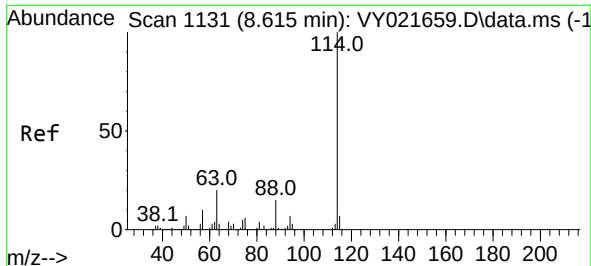
Tgt Ion:168 Resp: 268784
Ion Ratio Lower Upper
168 100
99 56.1 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 51.188 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021662.D
Acq: 27 Mar 2025 12:35

Tgt Ion: 65 Resp: 149070
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.6

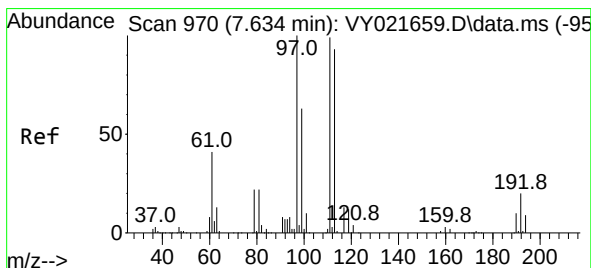
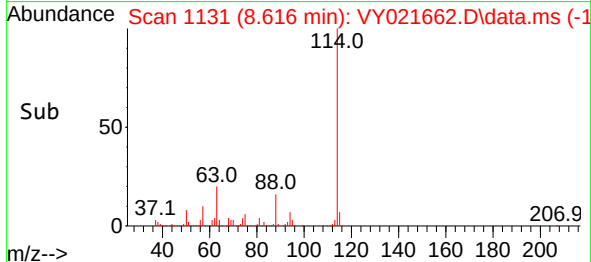
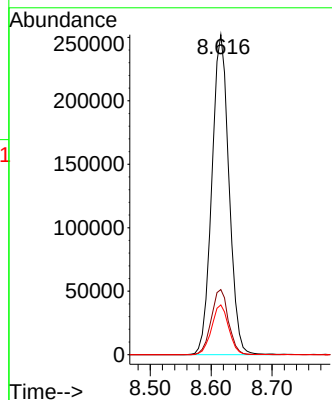
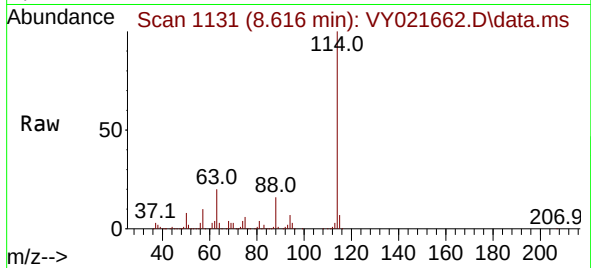




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021662.D
Acq: 27 Mar 2025 12:35

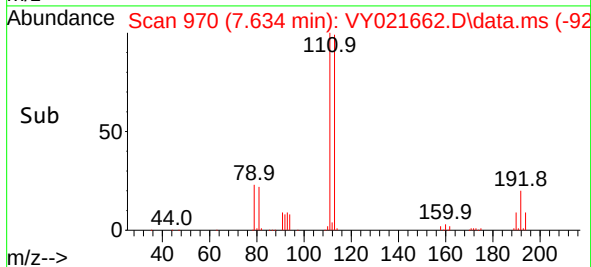
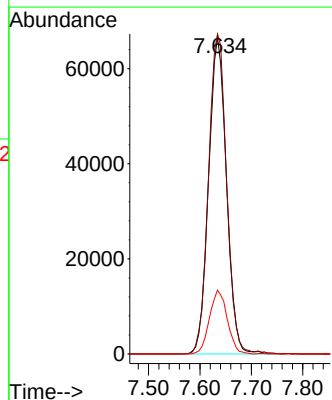
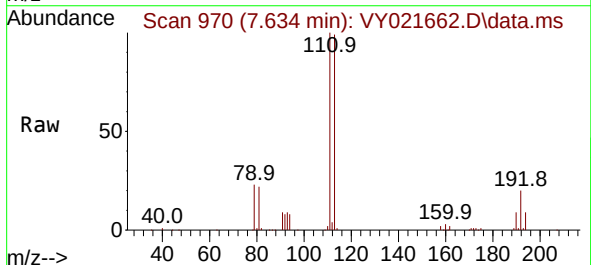
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

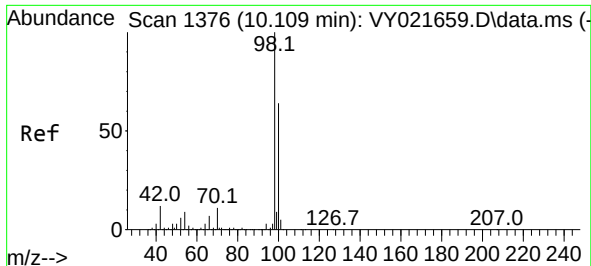
Tgt Ion:114 Resp: 491305
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.2
88 15.5 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.381 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021662.D
Acq: 27 Mar 2025 12:35

Tgt Ion:113 Resp: 160565
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 20.1 16.2 24.4

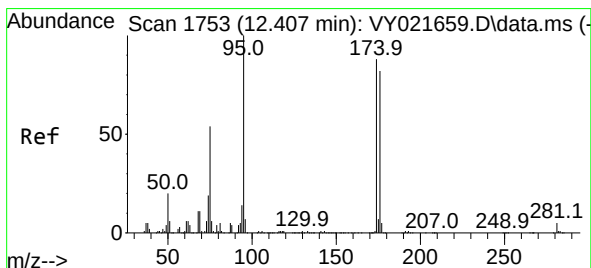
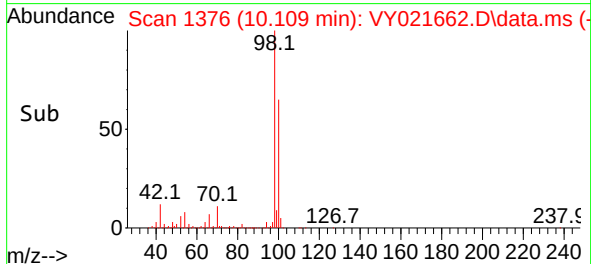
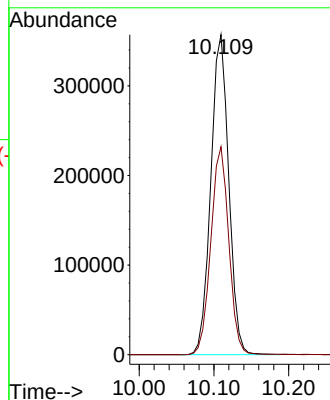
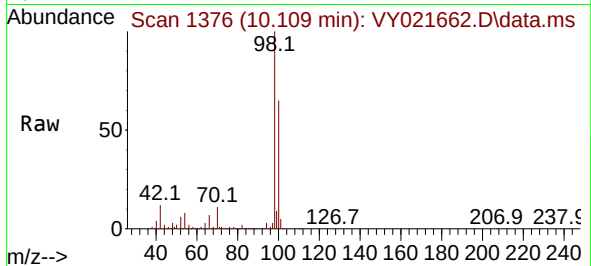




#50
Toluene-d8
Concen: 49.116 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021662.D
Acq: 27 Mar 2025 12:35

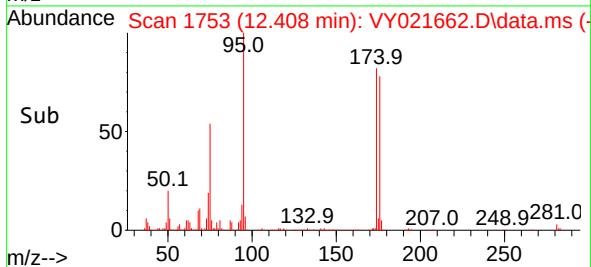
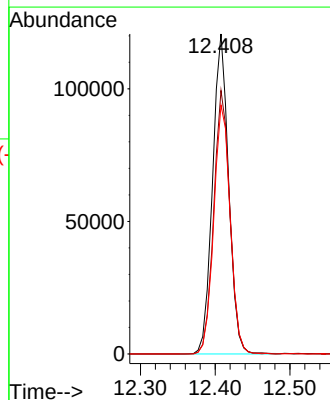
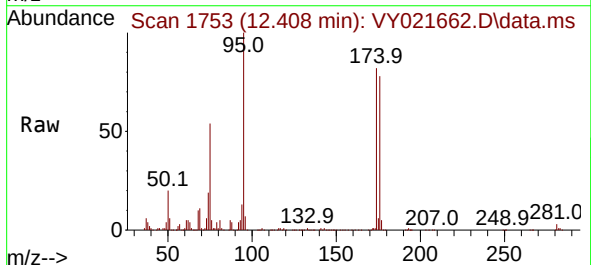
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

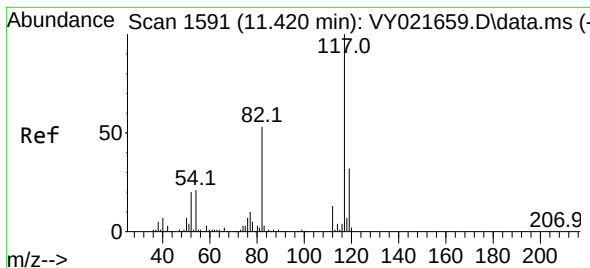
Tgt Ion: 98 Resp: 595497
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.903 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021662.D
Acq: 27 Mar 2025 12:35

Tgt Ion: 95 Resp: 180049
Ion Ratio Lower Upper
95 100
174 83.2 0.0 170.8
176 79.6 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021662.D

Acq: 27 Mar 2025 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

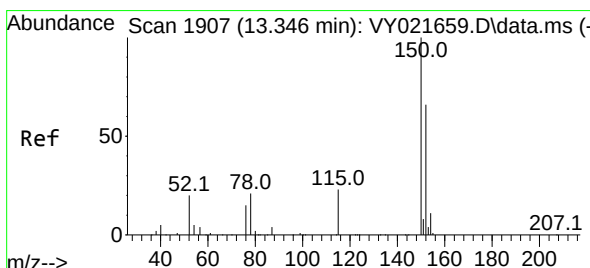
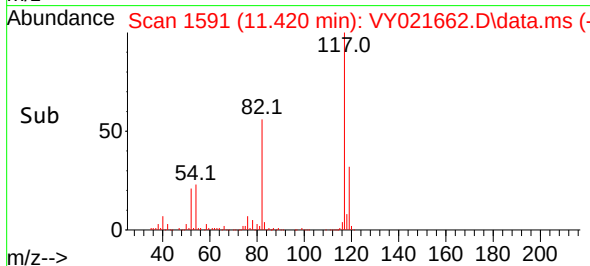
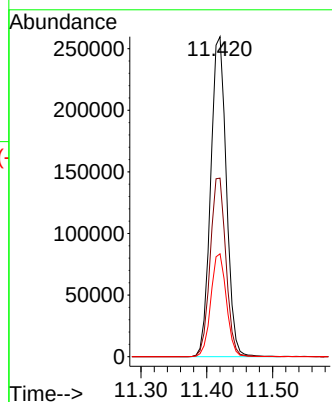
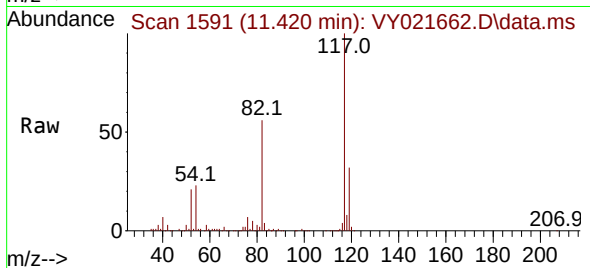
Tgt Ion:117 Resp: 431161

Ion Ratio Lower Upper

117 100

82 55.8 42.8 64.2

119 32.2 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: VY021662.D

Acq: 27 Mar 2025 12:35

Tgt Ion:152 Resp: 167864

Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 158.0 0.0 348.4

