

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
 Data File : VY021755.D
 Acq On : 02 Apr 2025 13:21
 Operator : SY/MD
 Sample : Q1684-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-040125

Quant Time: Apr 03 03:35:48 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	170446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	324561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	300804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	122339	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	109957	59.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.080%
35) Dibromofluoromethane	7.634	113	113171	53.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.500%
50) Toluene-d8	10.103	98	399635	49.895	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.402	95	122721	45.298	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.600%

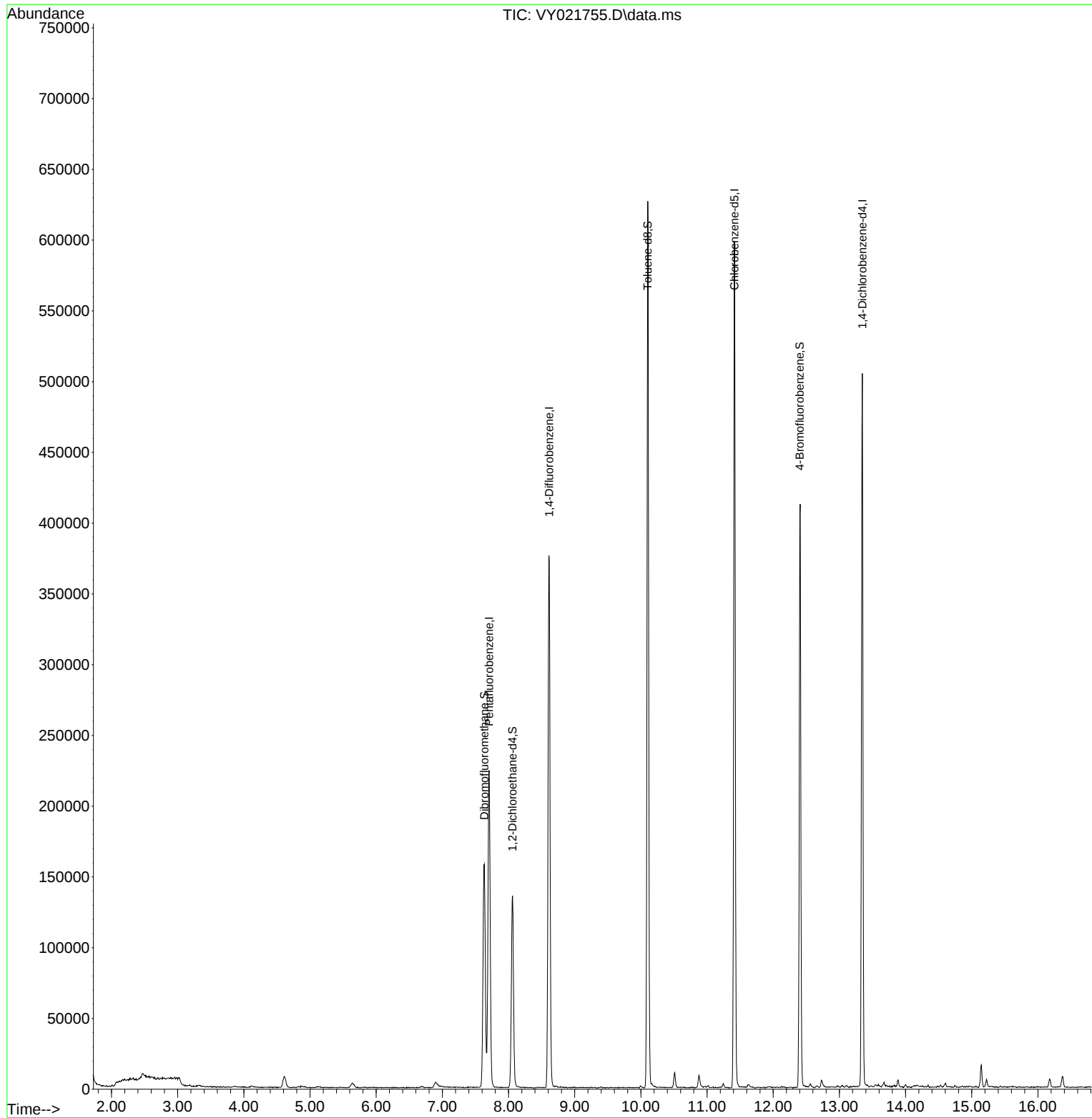
Target Compounds	Qvalue

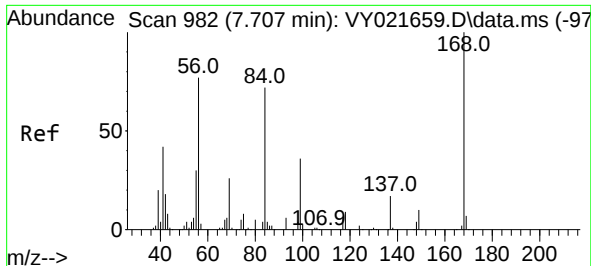
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
Data File : VY021755.D
Acq On : 02 Apr 2025 13:21
Operator : SY/MD
Sample : Q1684-01
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-040125

Quant Time: Apr 03 03:35:48 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

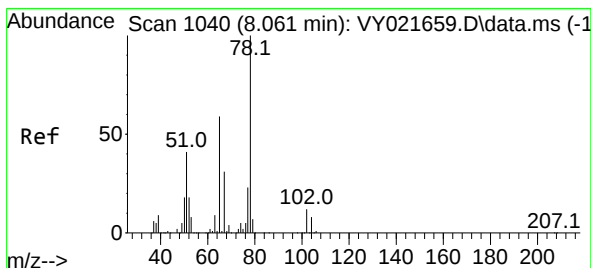
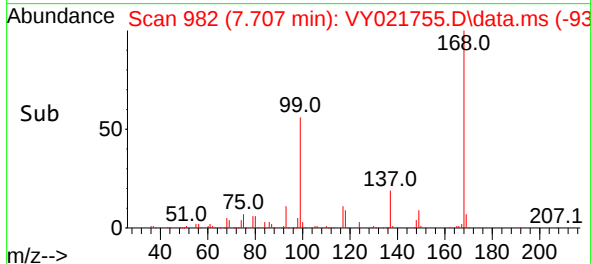
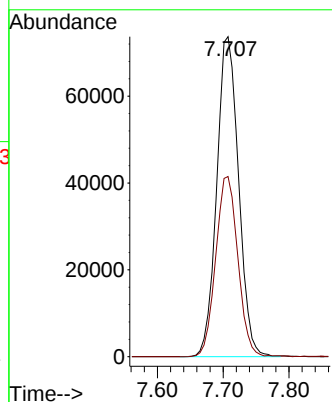
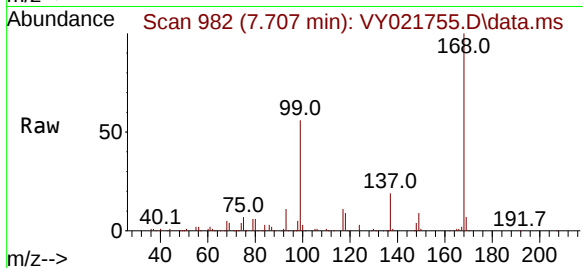




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021755.D
Acq: 02 Apr 2025 13:21

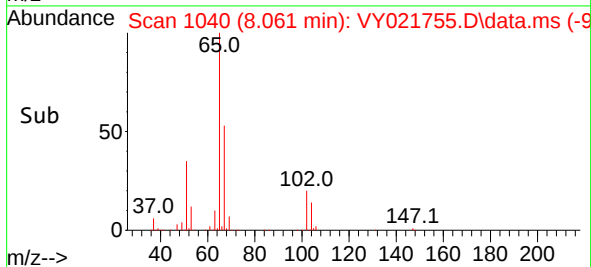
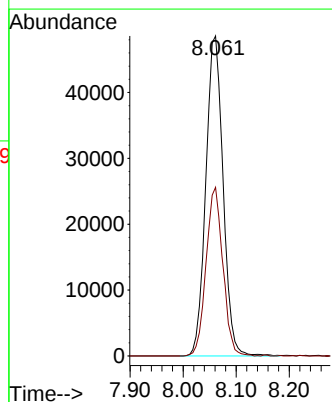
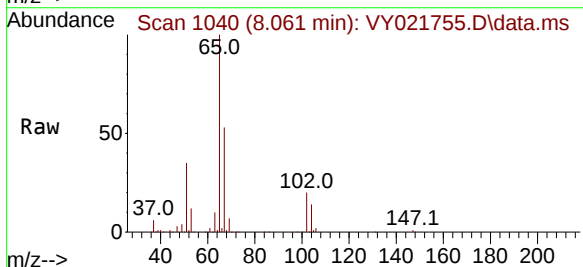
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-040125

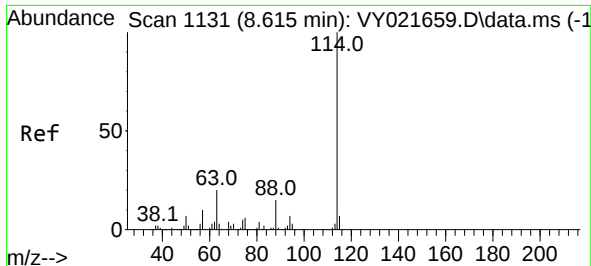
Tgt Ion:168 Resp: 170446
Ion Ratio Lower Upper
168 100
99 56.3 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 59.541 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021755.D
Acq: 02 Apr 2025 13:21

Tgt Ion: 65 Resp: 109957
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.6

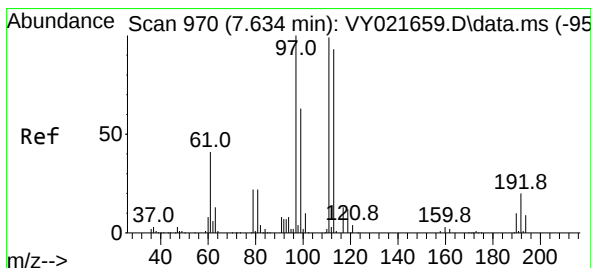
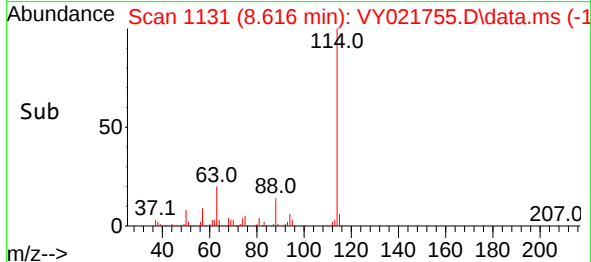
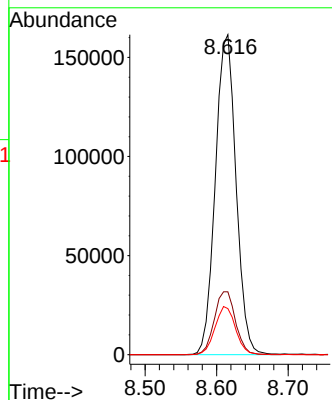
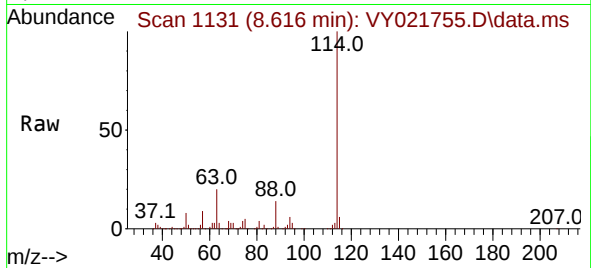




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021755.D
 Acq: 02 Apr 2025 13:21

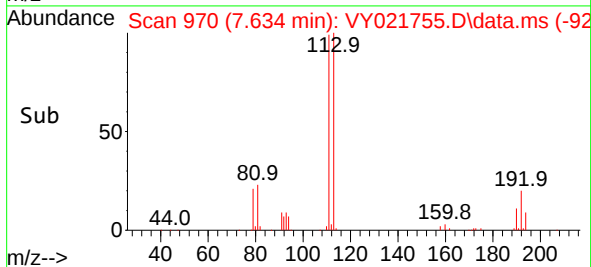
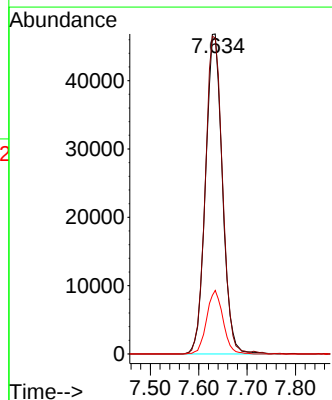
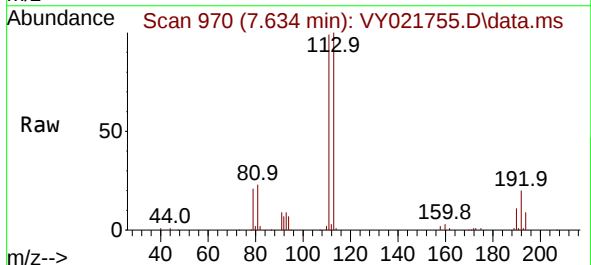
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-040125

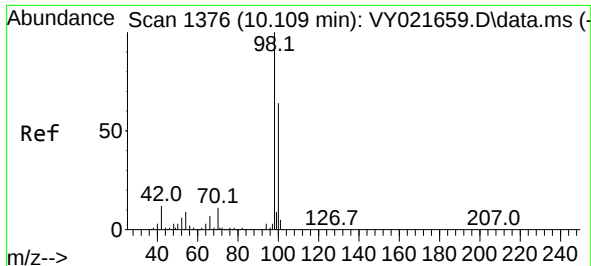
Tgt Ion:114 Resp: 324561
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.2
 88 14.4 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 53.753 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY021755.D
 Acq: 02 Apr 2025 13:21

Tgt Ion:113 Resp: 113171
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.6 123.8
 192 19.4 16.2 24.4

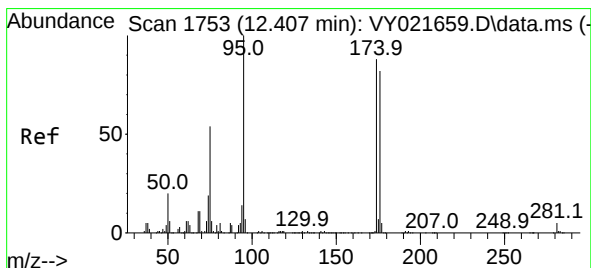
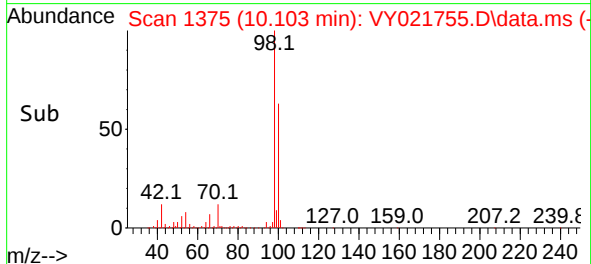
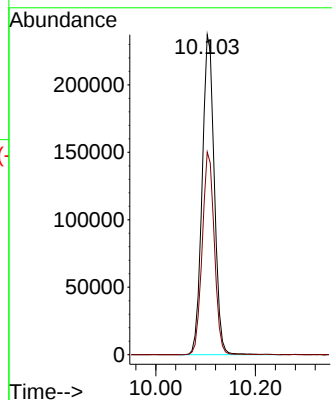
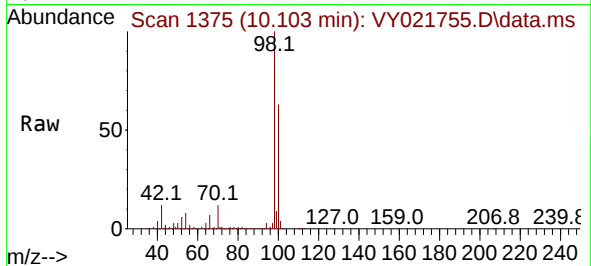




#50
Toluene-d8
Concen: 49.895 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021755.D
Acq: 02 Apr 2025 13:21

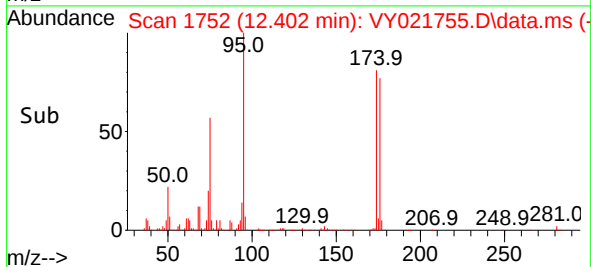
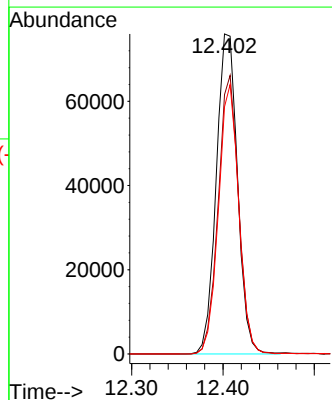
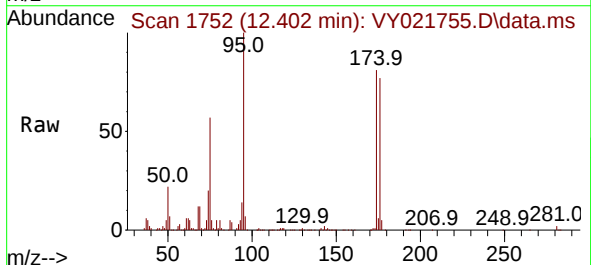
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-040125

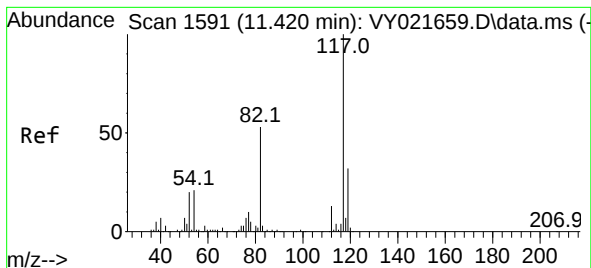
Tgt Ion: 98 Resp: 399635
Ion Ratio Lower Upper
98 100
100 63.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.298 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021755.D
Acq: 02 Apr 2025 13:21

Tgt Ion: 95 Resp: 122721
Ion Ratio Lower Upper
95 100
174 84.0 0.0 170.8
176 80.8 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021755.D

Acq: 02 Apr 2025 13:21

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-040125

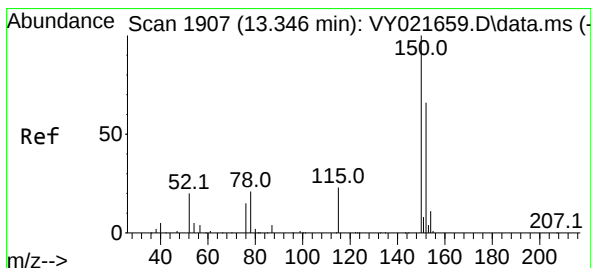
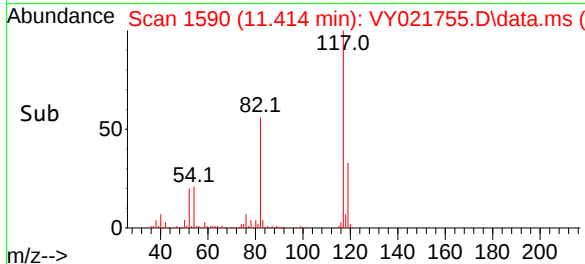
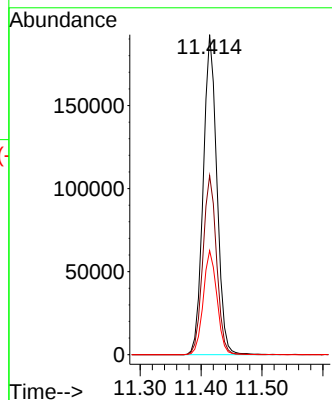
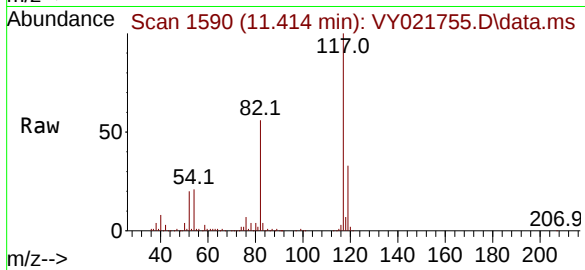
Tgt Ion:117 Resp: 300804

Ion Ratio Lower Upper

117 100

82 56.0 42.8 64.2

119 32.5 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: VY021755.D

Acq: 02 Apr 2025 13:21

Tgt Ion:152 Resp: 122339

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 158.6 0.0 348.4

