

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021980.D
 Acq On : 23 Apr 2025 18:34
 Operator : SY/MD
 Sample : Q1858-03
 Misc : 3.86g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Apr 24 03:47:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	306739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	573313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	503025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	189503	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	149825	52.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.760%
35) Dibromofluoromethane	7.634	113	192042	50.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.400%
50) Toluene-d8	10.103	98	686663	48.088	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.180%
62) 4-Bromofluorobenzene	12.408	95	189650	39.453	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.900%

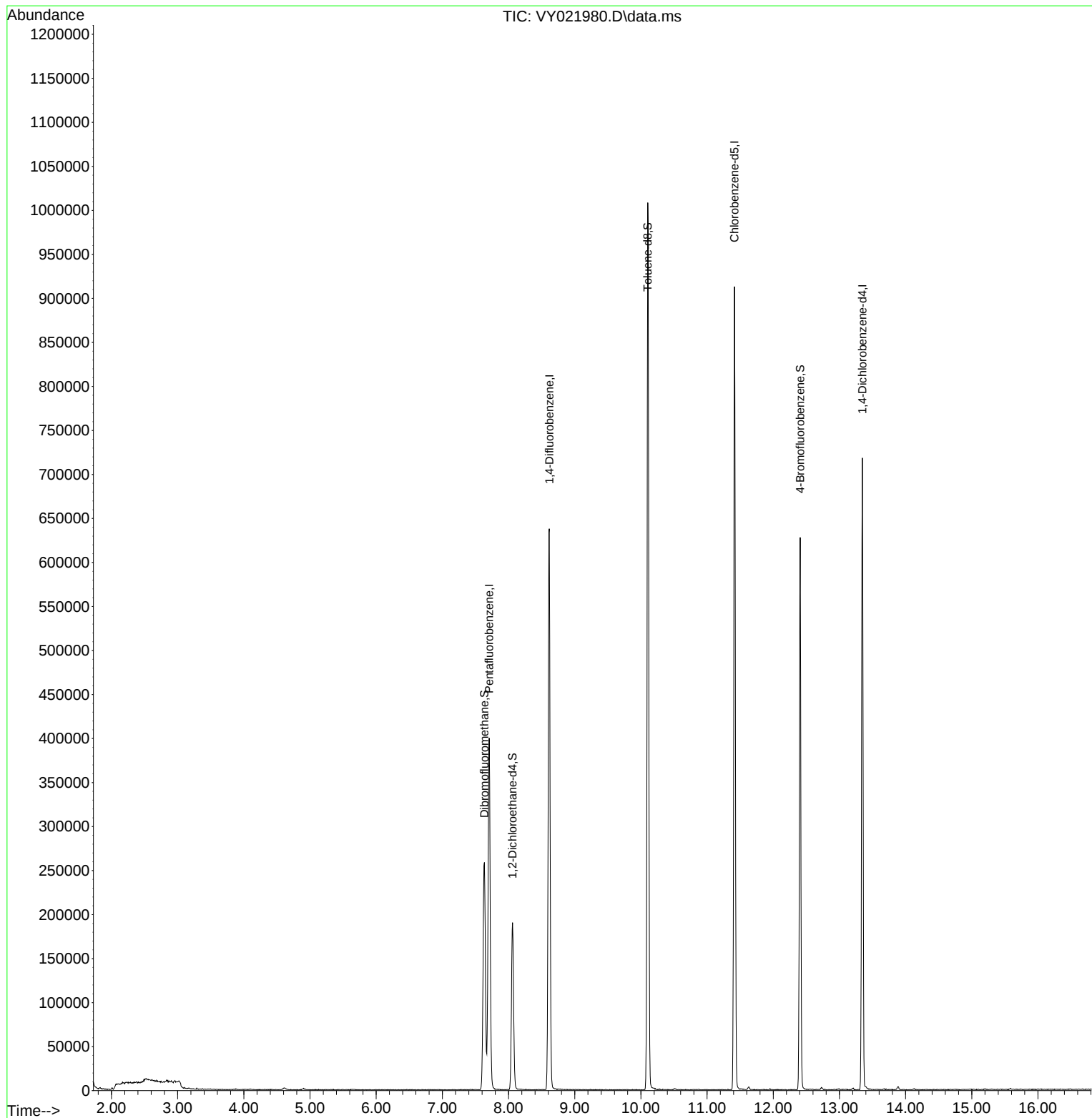
Target Compounds	Qvalue

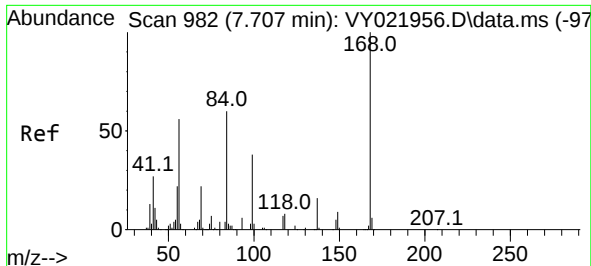
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
Data File : VY021980.D
Acq On : 23 Apr 2025 18:34
Operator : SY/MD
Sample : Q1858-03
Misc : 3.86g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Quant Time: Apr 24 03:47:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

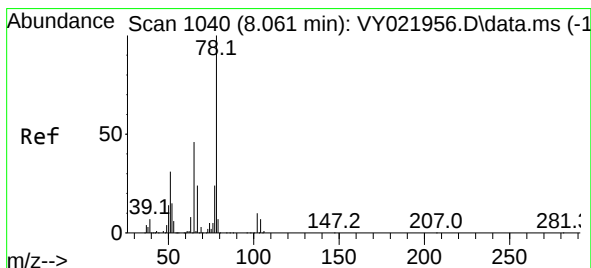
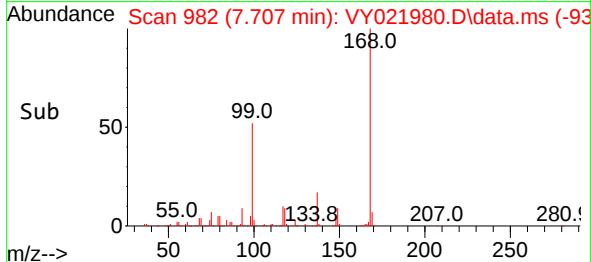
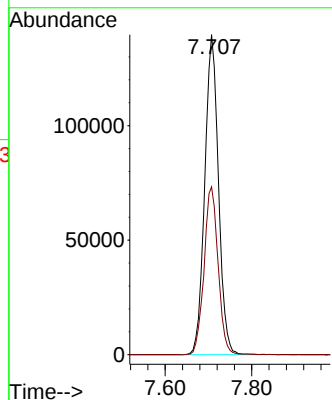
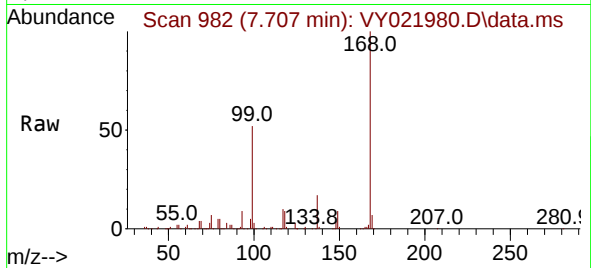




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021980.D
Acq: 23 Apr 2025 18:34

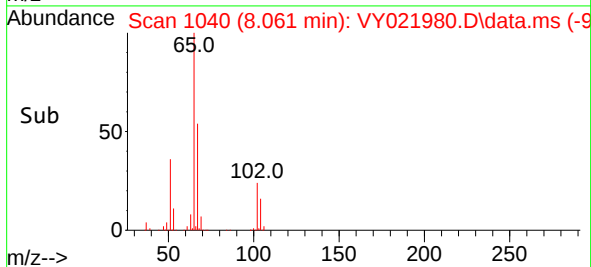
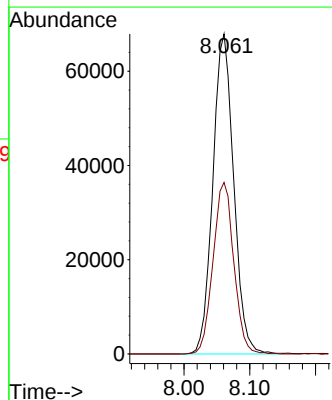
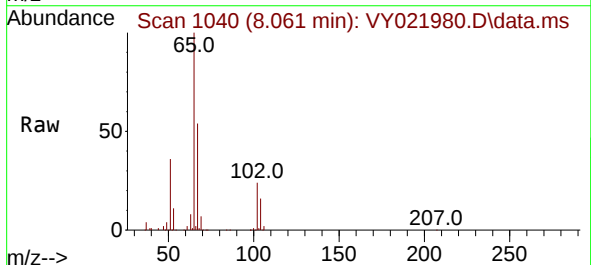
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

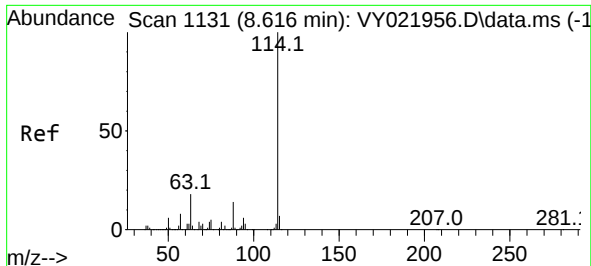
Tgt Ion:168 Resp: 306739
Ion Ratio Lower Upper
168 100
99 52.5 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 52.880 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021980.D
Acq: 23 Apr 2025 18:34

Tgt Ion: 65 Resp: 149825
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021980.D

Acq: 23 Apr 2025 18:34

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

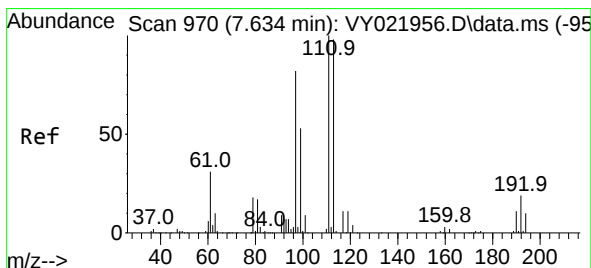
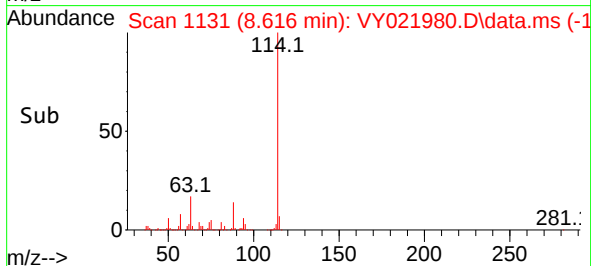
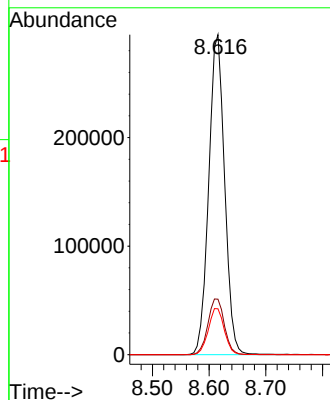
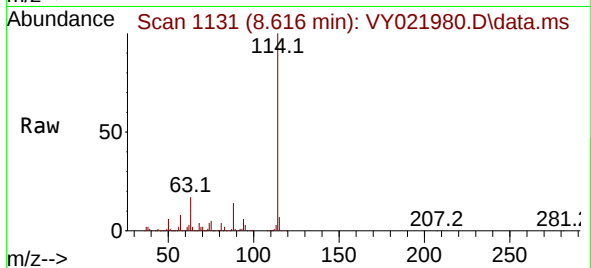
Tgt Ion:114 Resp: 573313

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.4

88 14.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.703 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY021980.D

Acq: 23 Apr 2025 18:34

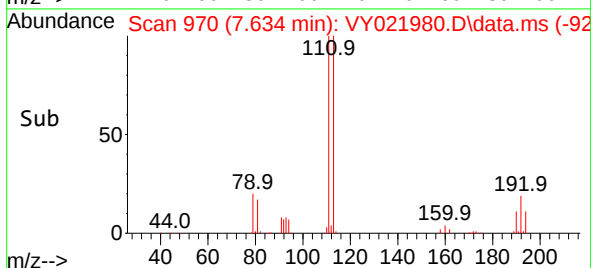
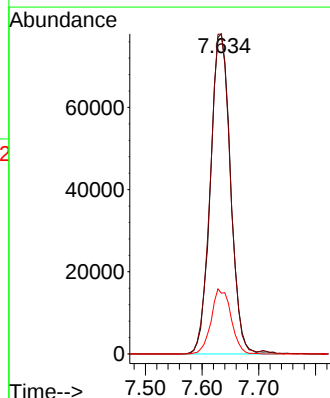
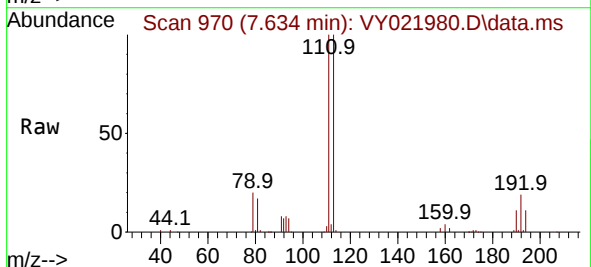
Tgt Ion:113 Resp: 192042

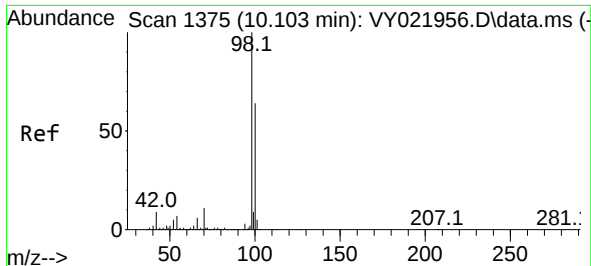
Ion Ratio Lower Upper

113 100

111 99.6 81.8 122.8

192 20.0 15.6 23.4

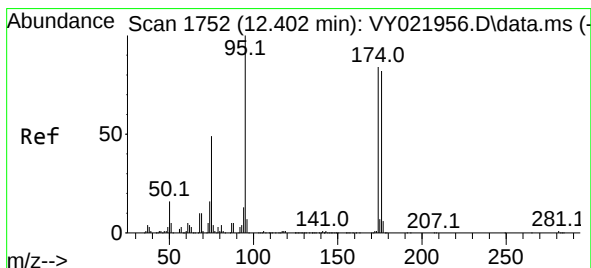
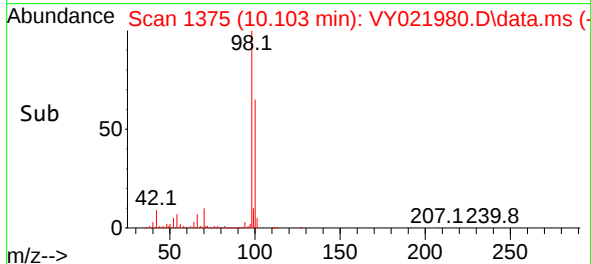
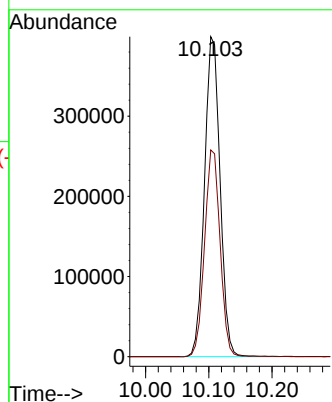
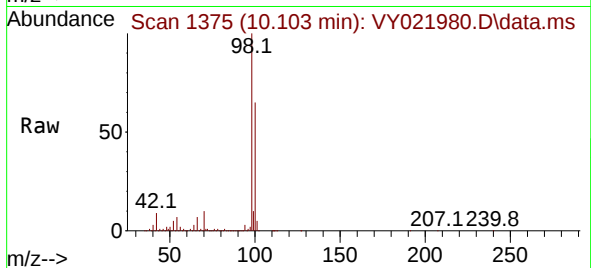




#50
Toluene-d8
Concen: 48.088 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021980.D
Acq: 23 Apr 2025 18:34

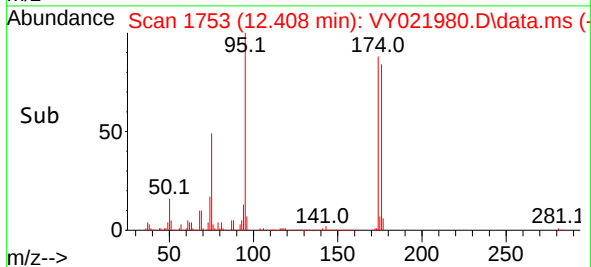
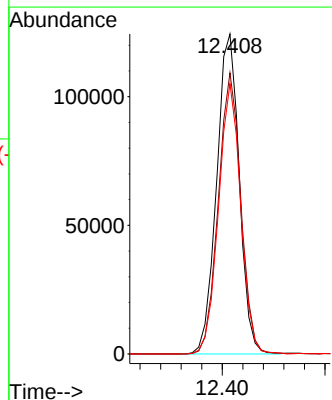
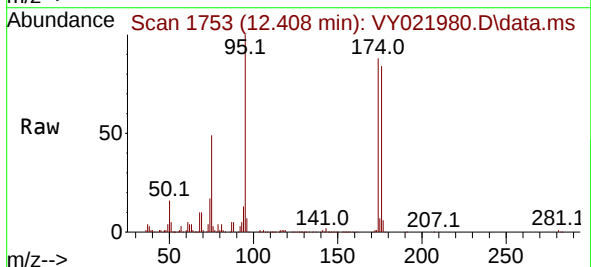
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

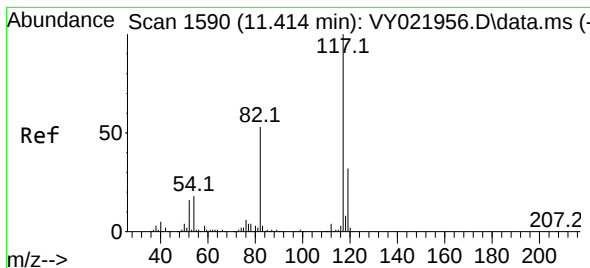
Tgt Ion: 98 Resp: 686663
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 39.453 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021980.D
Acq: 23 Apr 2025 18:34

Tgt Ion: 95 Resp: 189650
Ion Ratio Lower Upper
95 100
174 87.3 0.0 179.0
176 82.8 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021980.D

Acq: 23 Apr 2025 18:34

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

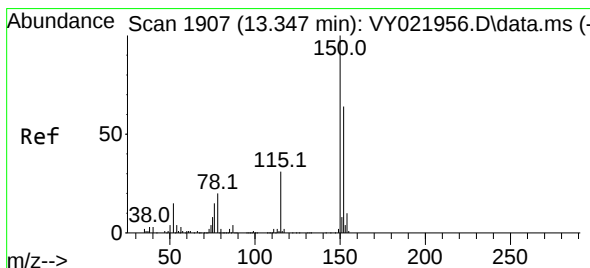
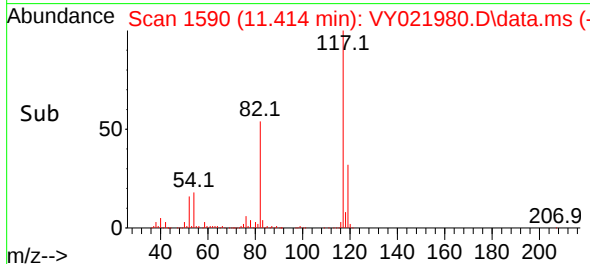
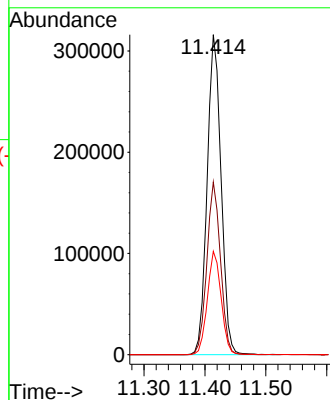
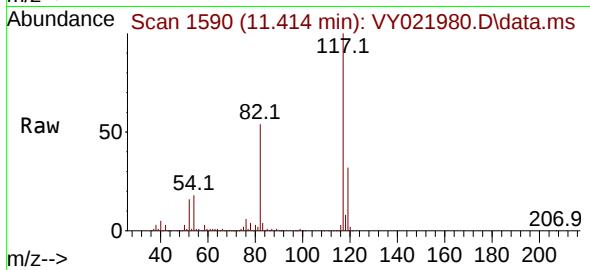
Tgt Ion:117 Resp: 503025

Ion Ratio Lower Upper

117 100

82 53.9 42.1 63.1

119 32.3 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: VY021980.D

Acq: 23 Apr 2025 18:34

Tgt Ion:152 Resp: 189503

Ion Ratio Lower Upper

152 100

115 55.9 28.0 84.0

150 155.6 0.0 345.6

