

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022031.D
 Acq On : 28 Apr 2025 15:05
 Operator : SY/MD
 Sample : Q1895-05
 Misc : 4.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Apr 29 03:54:21 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	7.713	168	307365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	578983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	510599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	188753	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	147621	51.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.000%
35) Dibromofluoromethane	7.634	113	193182	50.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.000%
50) Toluene-d8	10.109	98	691967	47.985	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.960%
62) 4-Bromofluorobenzene	12.408	95	185147	38.139	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.280%

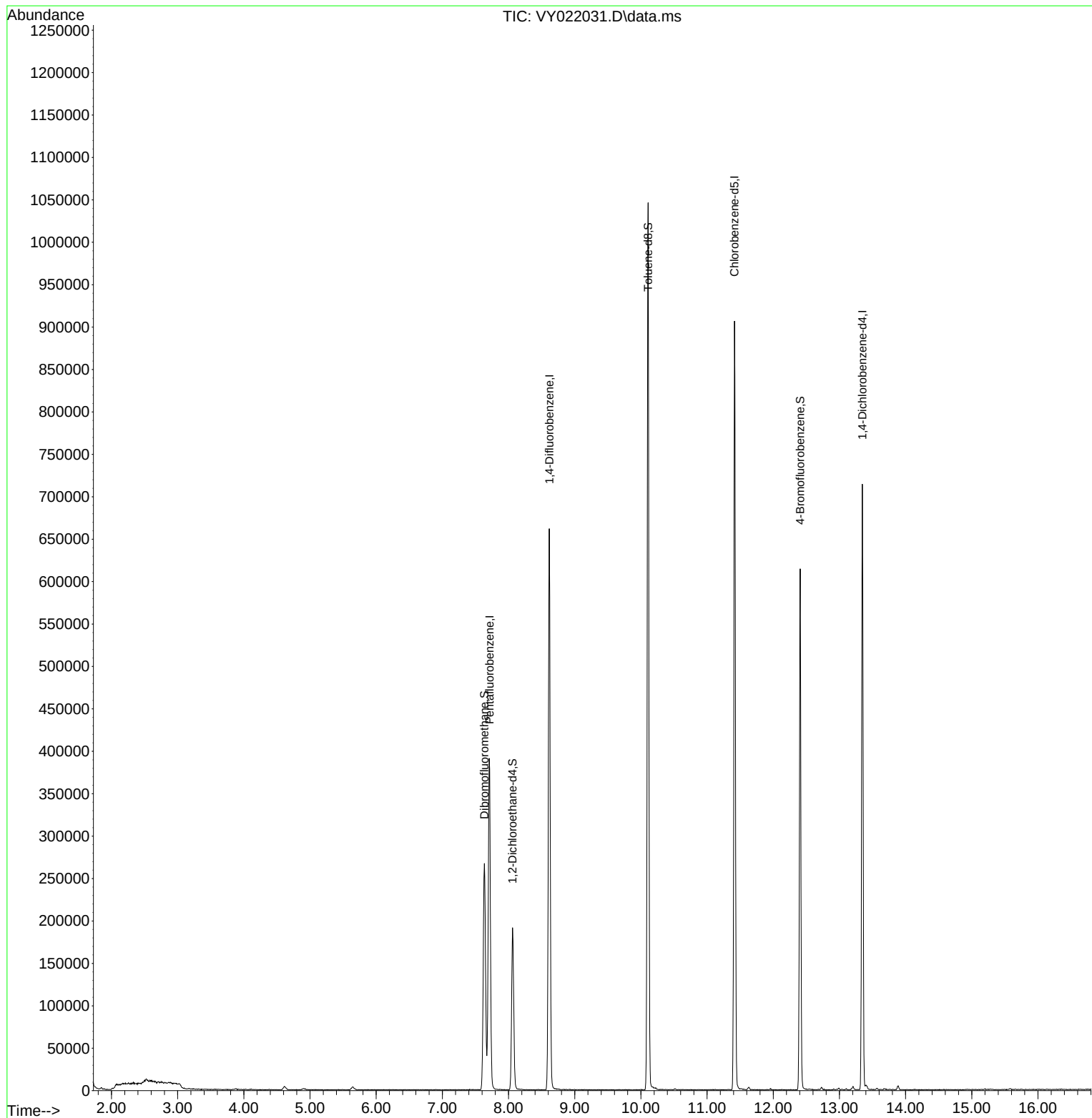
Target Compounds	Qvalue

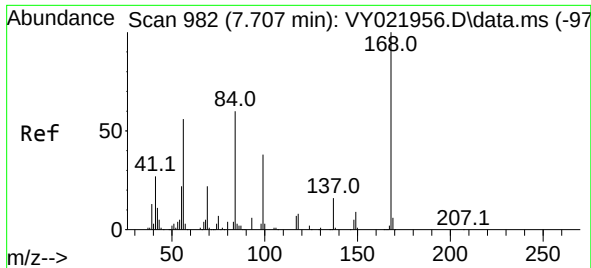
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
Data File : VY022031.D
Acq On : 28 Apr 2025 15:05
Operator : SY/MD
Sample : Q1895-05
Misc : 4.82g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Quant Time: Apr 29 03:54:21 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

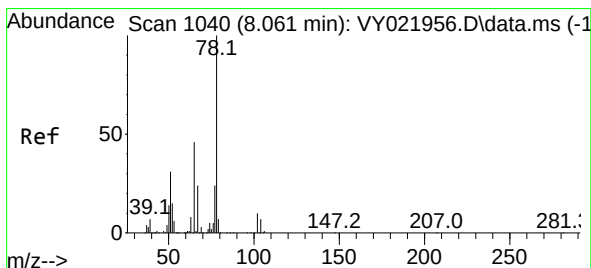
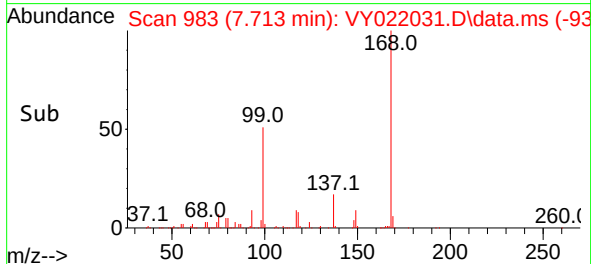
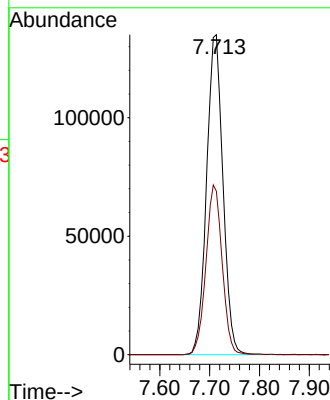
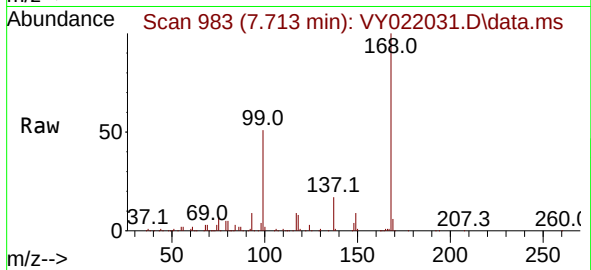




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022031.D
Acq: 28 Apr 2025 15:05

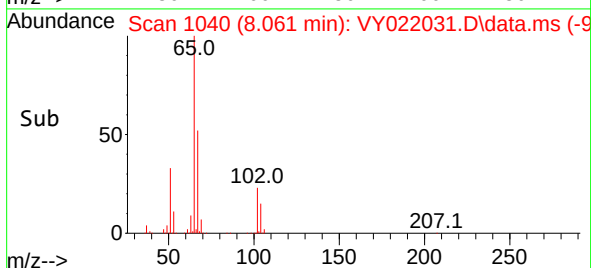
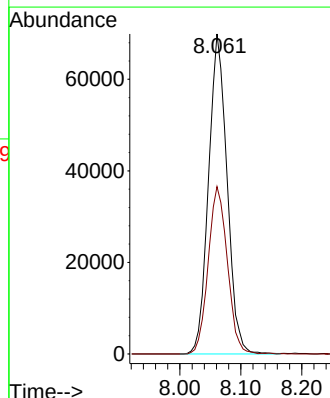
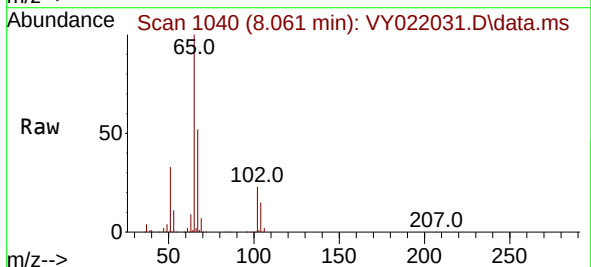
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

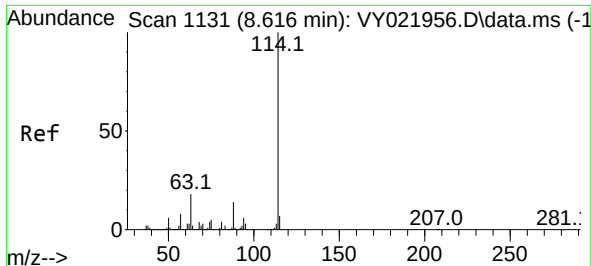
Tgt Ion:168 Resp: 307365
Ion Ratio Lower Upper
168 100
99 51.1 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 51.996 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022031.D
Acq: 28 Apr 2025 15:05

Tgt Ion: 65 Resp: 147621
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.8

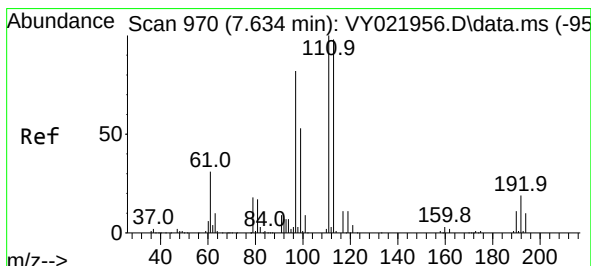
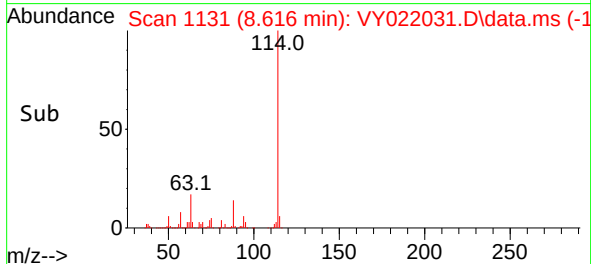
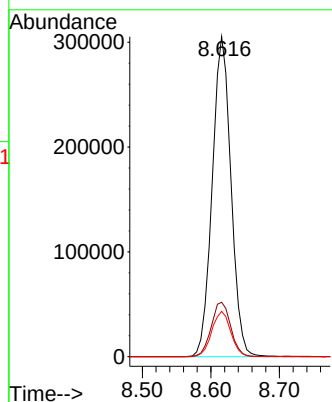
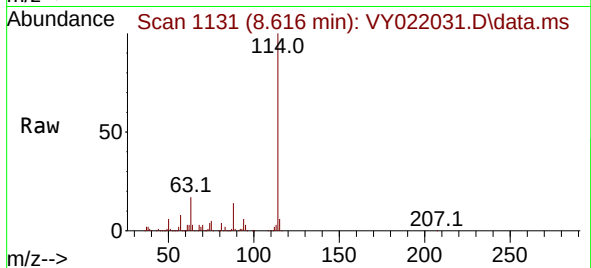




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022031.D
Acq: 28 Apr 2025 15:05

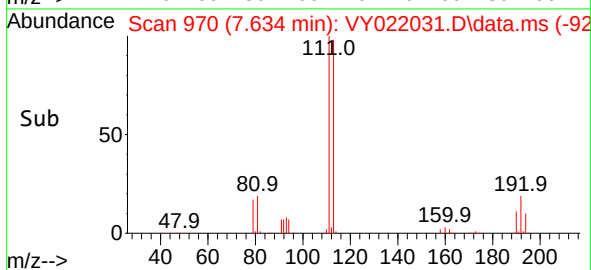
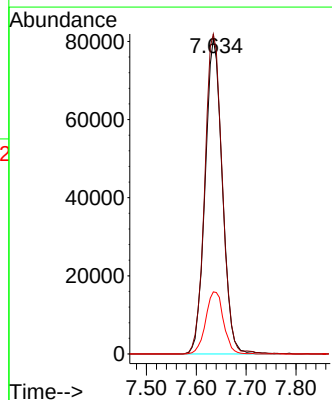
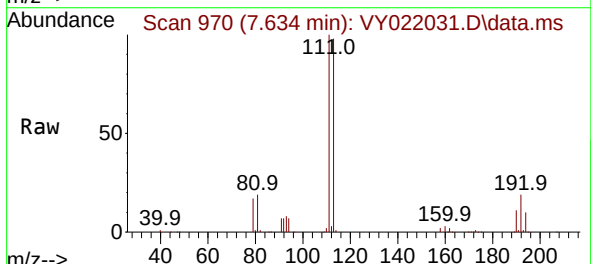
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

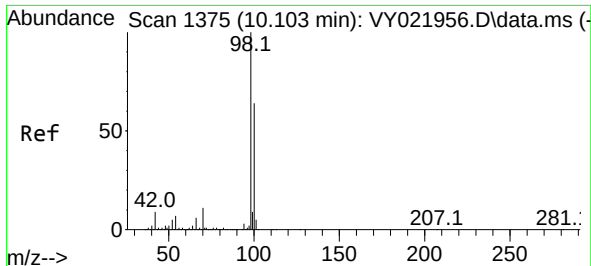
Tgt Ion:114 Resp: 578983
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.4
88 14.1 0.0 28.2



#35
Dibromofluoromethane
Concen: 50.504 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022031.D
Acq: 28 Apr 2025 15:05

Tgt Ion:113 Resp: 193182
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 20.4 15.6 23.4

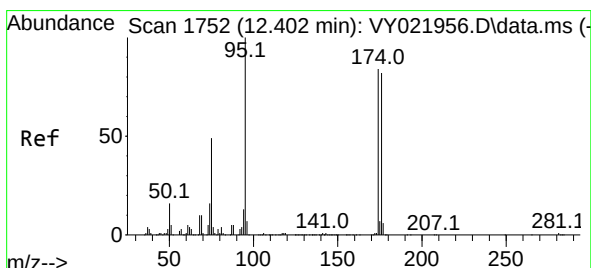
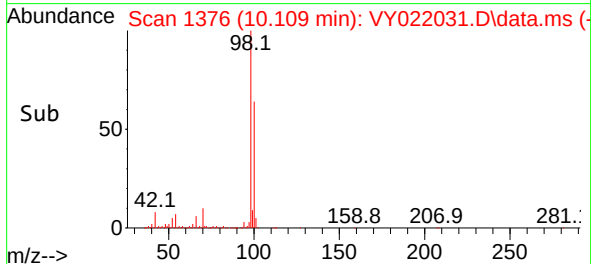
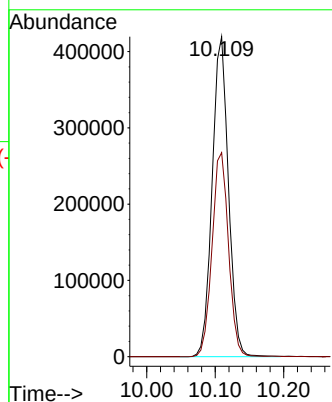
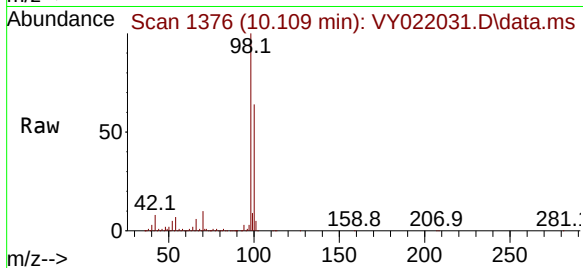




#50
Toluene-d8
Concen: 47.985 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022031.D
Acq: 28 Apr 2025 15:05

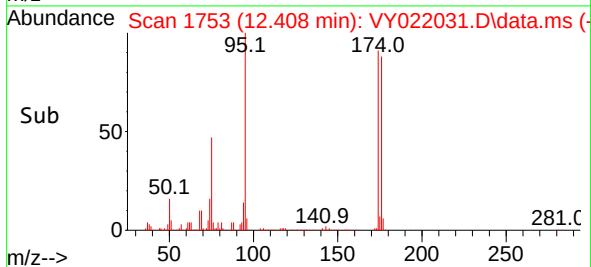
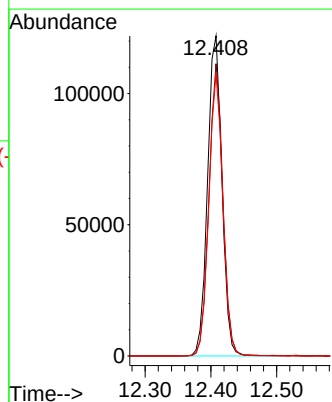
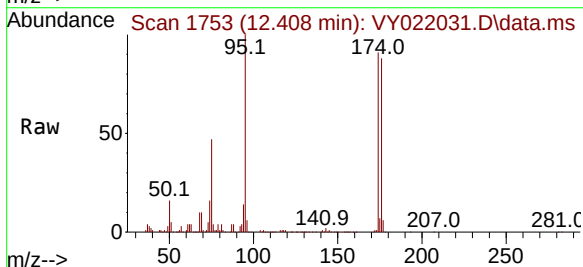
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

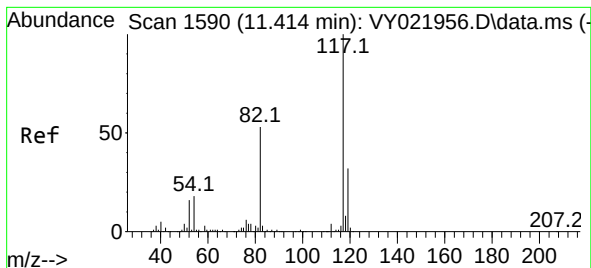
Tgt Ion: 98 Resp: 691967
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.139 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022031.D
Acq: 28 Apr 2025 15:05

Tgt Ion: 95 Resp: 185147
Ion Ratio Lower Upper
95 100
174 89.5 0.0 179.0
176 86.2 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: VY022031.D

Acq: 28 Apr 2025 15:05

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

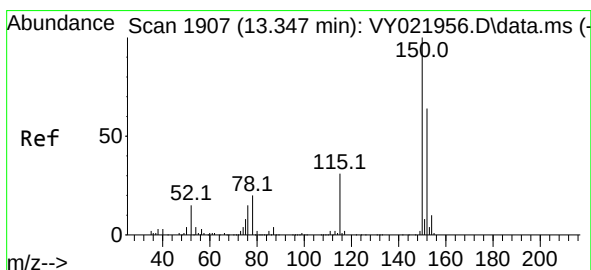
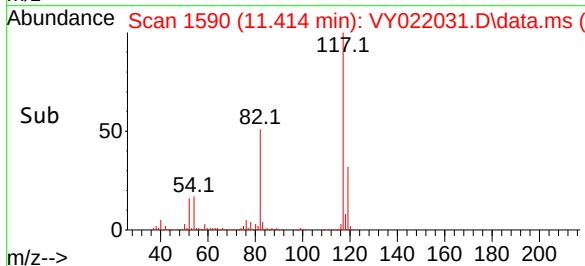
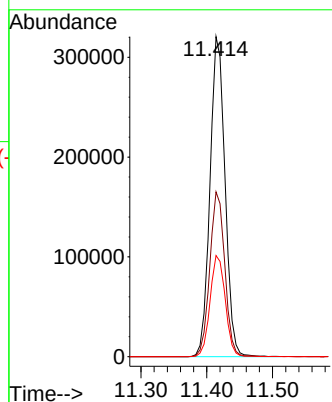
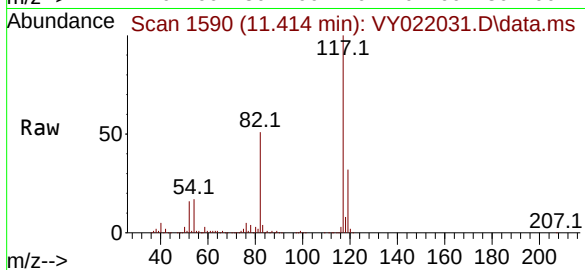
Tgt Ion:117 Resp: 510599

Ion Ratio Lower Upper

117 100

82 51.5 42.1 63.1

119 31.6 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: VY022031.D

Acq: 28 Apr 2025 15:05

Tgt Ion:152 Resp: 188753

Ion Ratio Lower Upper

152 100

115 56.1 28.0 84.0

150 155.5 0.0 345.6

