

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050825\
 Data File : VY022206.D
 Acq On : 08 May 2025 13:32
 Operator : SY/MD
 Sample : Q1982-02
 Misc : 7.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2B

Quant Time: May 09 05:06:27 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	232614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	358204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	723281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	658417	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	63905	29.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	59.480%
35) Dibromofluoromethane	7.634	113	93603	39.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.100%
50) Toluene-d8	10.103	98	466712	52.312	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.620%
62) 4-Bromofluorobenzene	12.407	95	483932	161.129	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	322.260%#

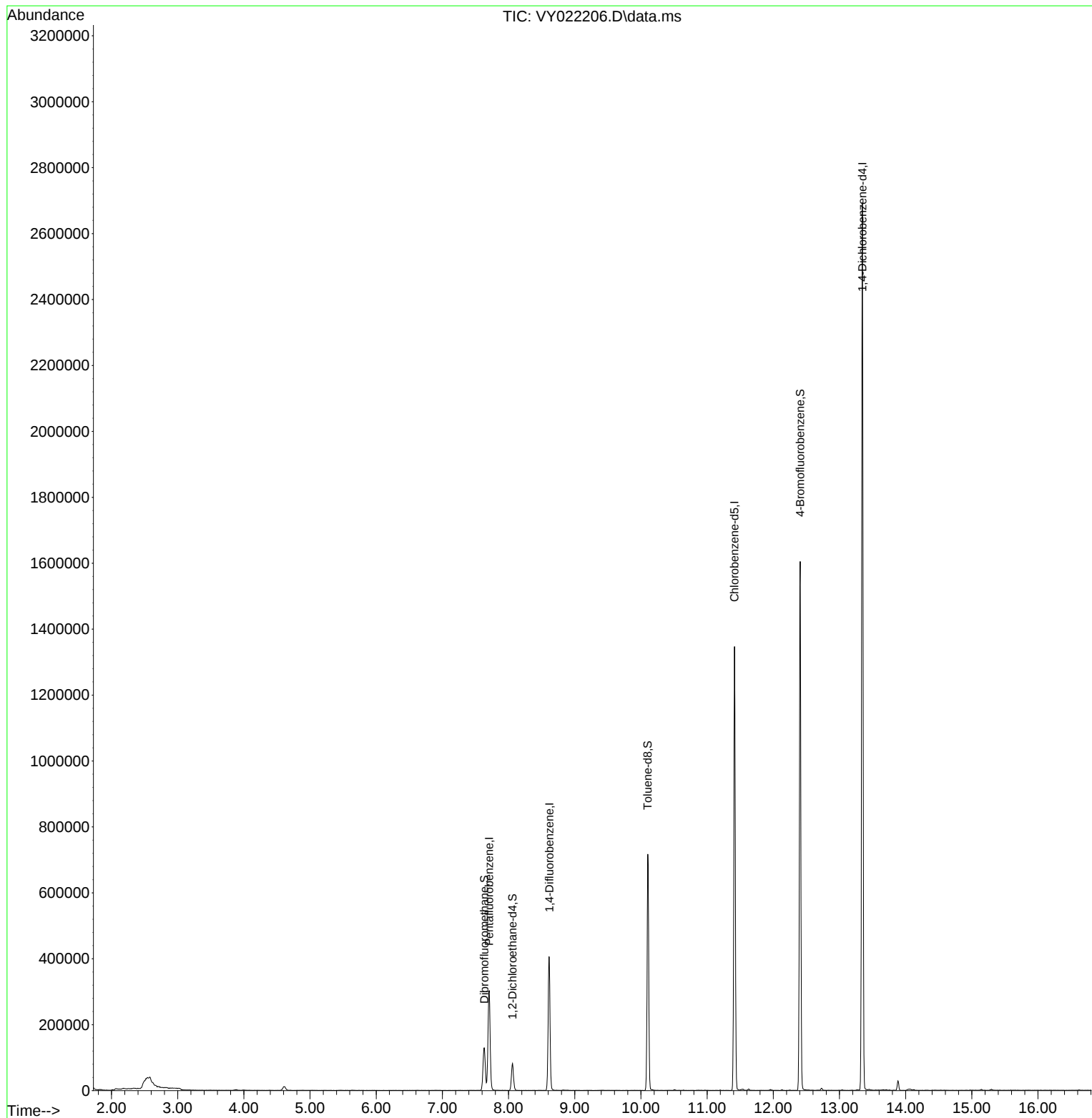
Target Compounds	Qvalue

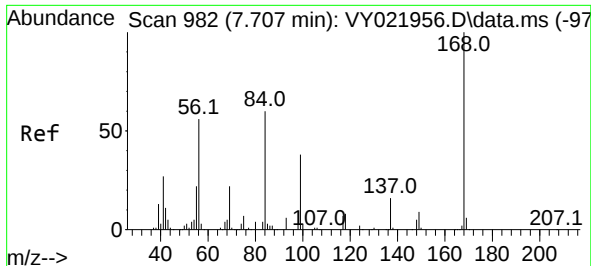
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050825\
Data File : VY022206.D
Acq On : 08 May 2025 13:32
Operator : SY/MD
Sample : Q1982-02
Misc : 7.22g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-2B

Quant Time: May 09 05:06:27 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

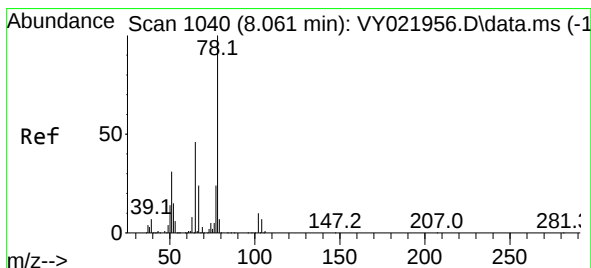
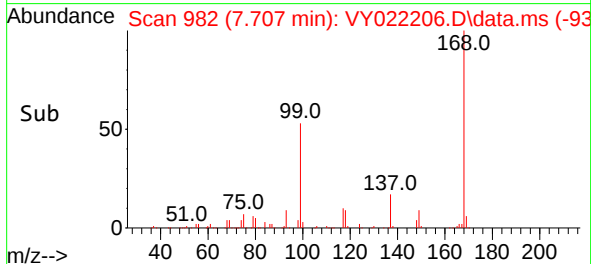
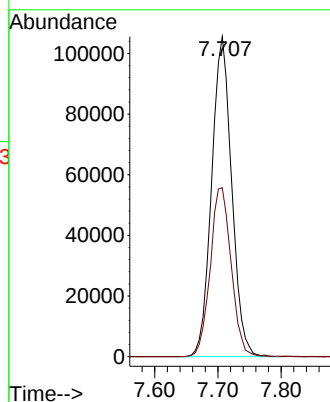
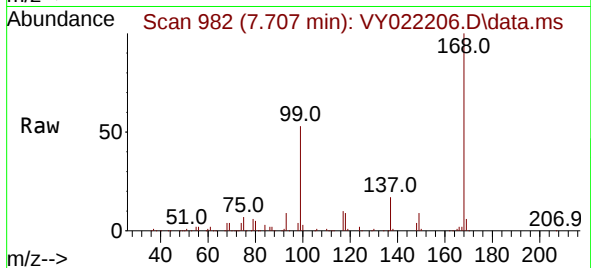




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY022206.D
Acq: 08 May 2025 13:32

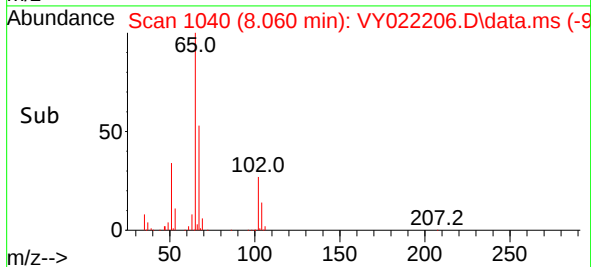
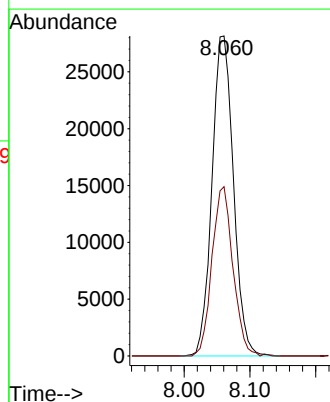
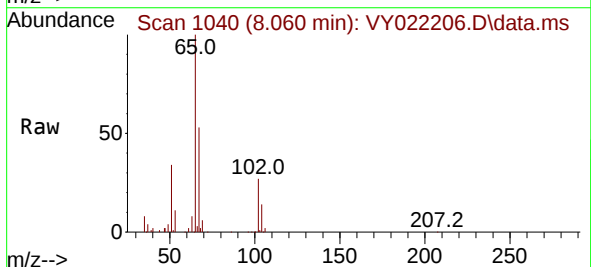
Instrument :
MSVOA_Y
ClientSampleId :
TP-2B

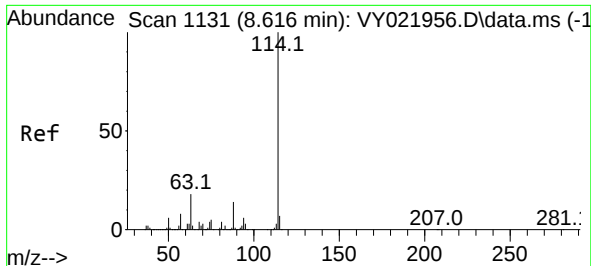
Tgt Ion:168 Resp: 232614
Ion Ratio Lower Upper
168 100
99 52.8 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 29.742 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022206.D
Acq: 08 May 2025 13:32

Tgt Ion: 65 Resp: 63905
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.8

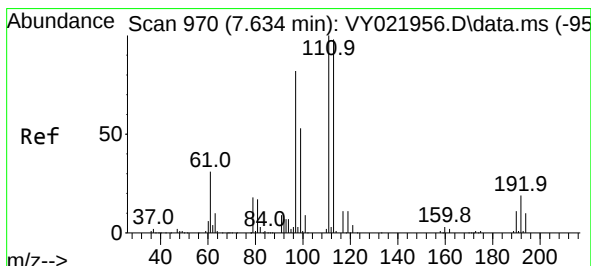
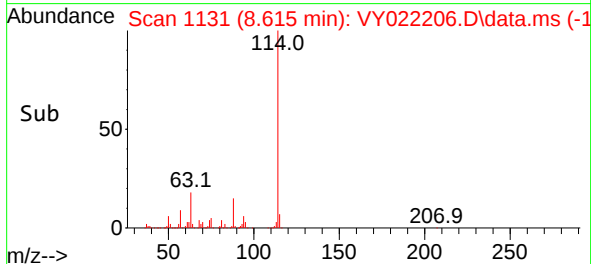
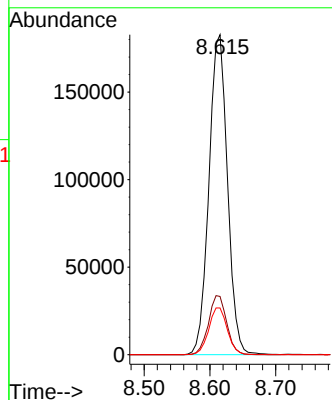
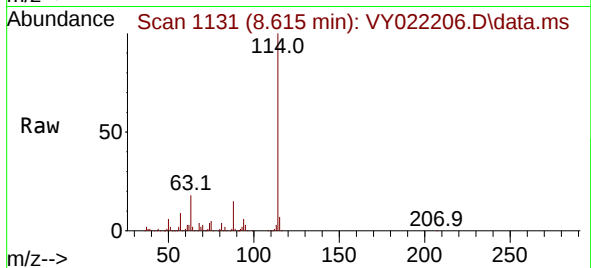




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022206.D
Acq: 08 May 2025 13:32

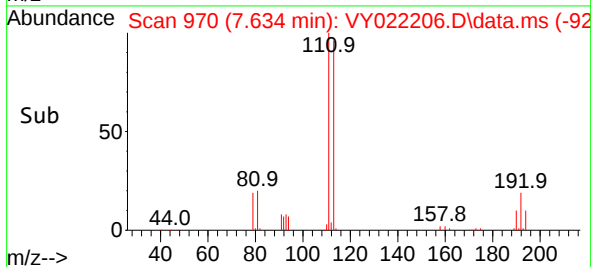
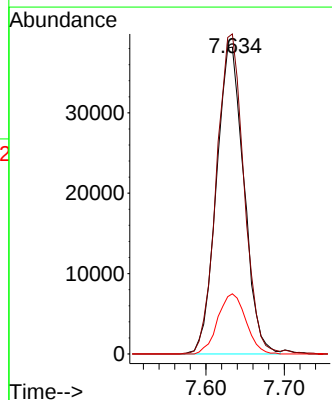
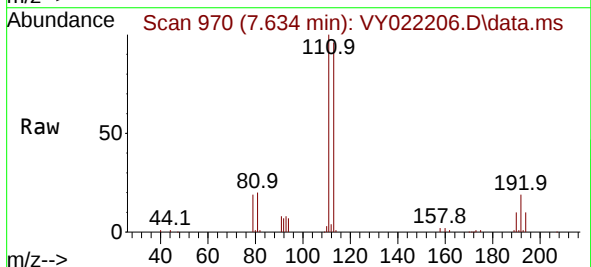
Instrument :
MSVOA_Y
ClientSampleId :
TP-2B

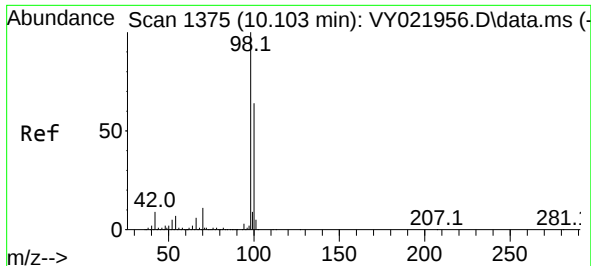
Tgt Ion:114 Resp: 358204
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.4
88 14.6 0.0 28.2



#35
Dibromofluoromethane
Concen: 39.554 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022206.D
Acq: 08 May 2025 13:32

Tgt Ion:113 Resp: 93603
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 19.9 15.6 23.4

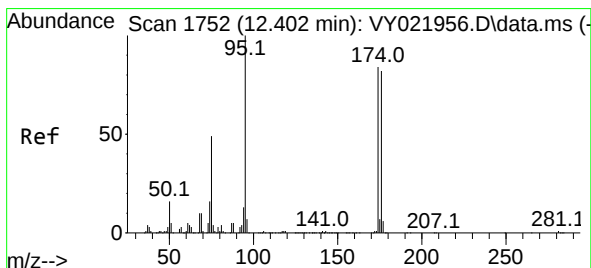
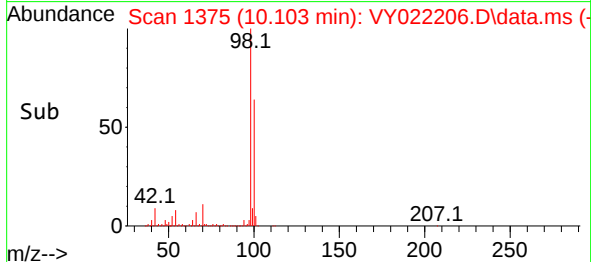
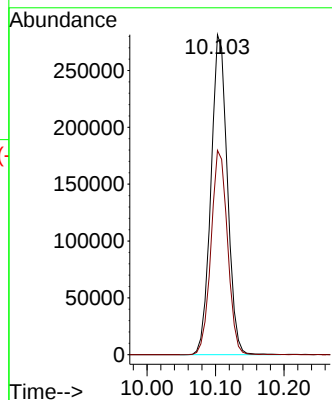
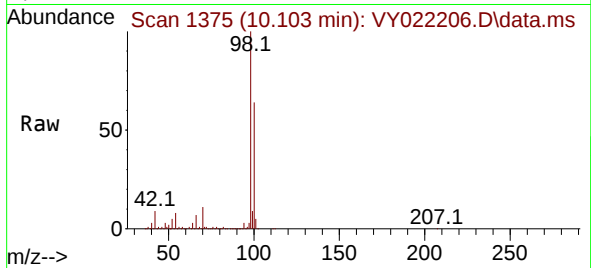




#50
Toluene-d8
Concen: 52.312 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022206.D
Acq: 08 May 2025 13:32

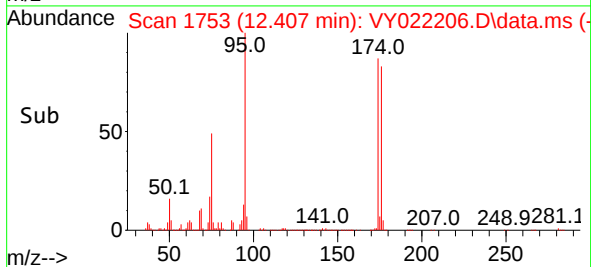
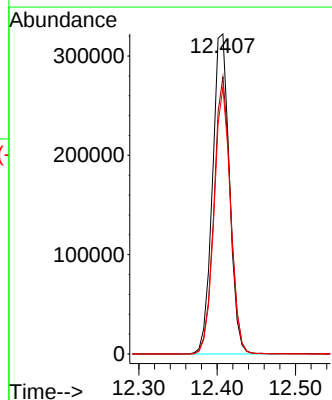
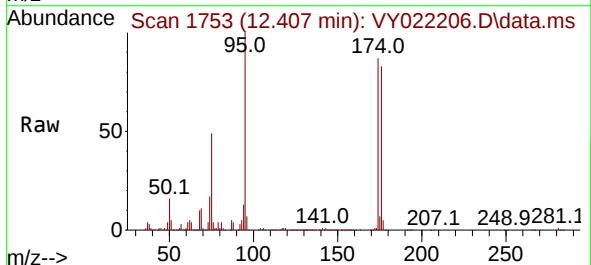
Instrument :
MSVOA_Y
ClientSampleId :
TP-2B

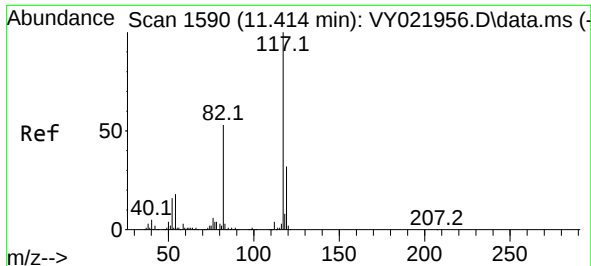
Tgt Ion: 98 Resp: 466712
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 161.129 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022206.D
Acq: 08 May 2025 13:32

Tgt Ion: 95 Resp: 483932
Ion Ratio Lower Upper
95 100
174 84.6 0.0 179.0
176 81.0 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: VY022206.D

Acq: 08 May 2025 13:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-2B

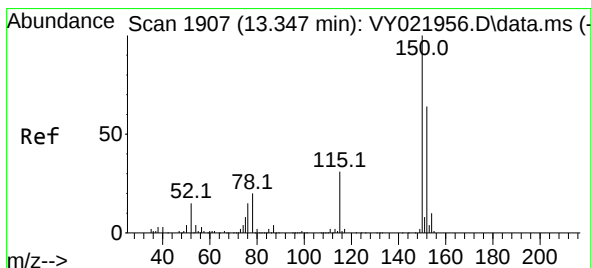
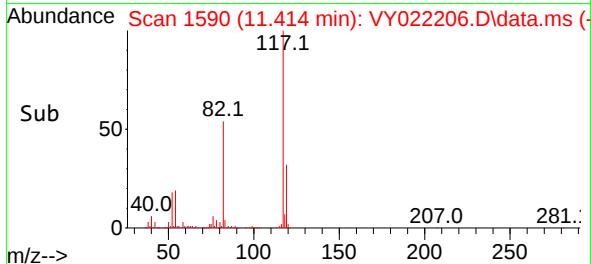
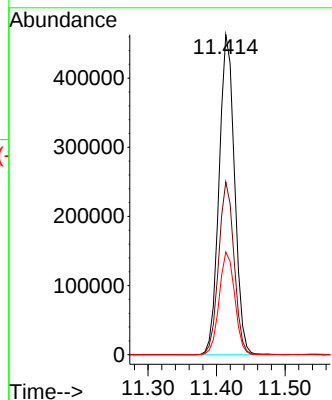
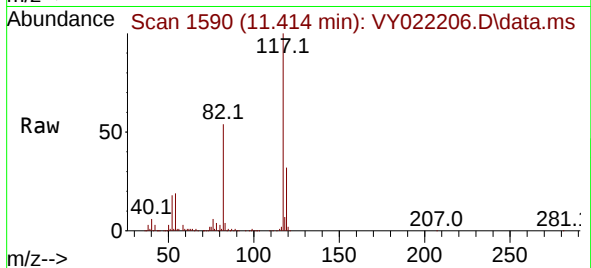
Tgt Ion:117 Resp: 723281

Ion Ratio Lower Upper

117 100

82 54.0 42.1 63.1

119 32.1 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: VY022206.D

Acq: 08 May 2025 13:32

Tgt Ion:152 Resp: 658417

Ion Ratio Lower Upper

152 100

115 57.4 28.0 84.0

150 156.8 0.0 345.6

