

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022026.D
 Acq On : 28 Apr 2025 13:04
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Apr 29 03:53:21 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	7.707	168	330644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	606621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	524960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	199008	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	147941	48.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.880%
35) Dibromofluoromethane	7.634	113	199904	49.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.760%
50) Toluene-d8	10.109	98	705707	46.708	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.420%
62) 4-Bromofluorobenzene	12.407	95	194882	38.315	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.640%

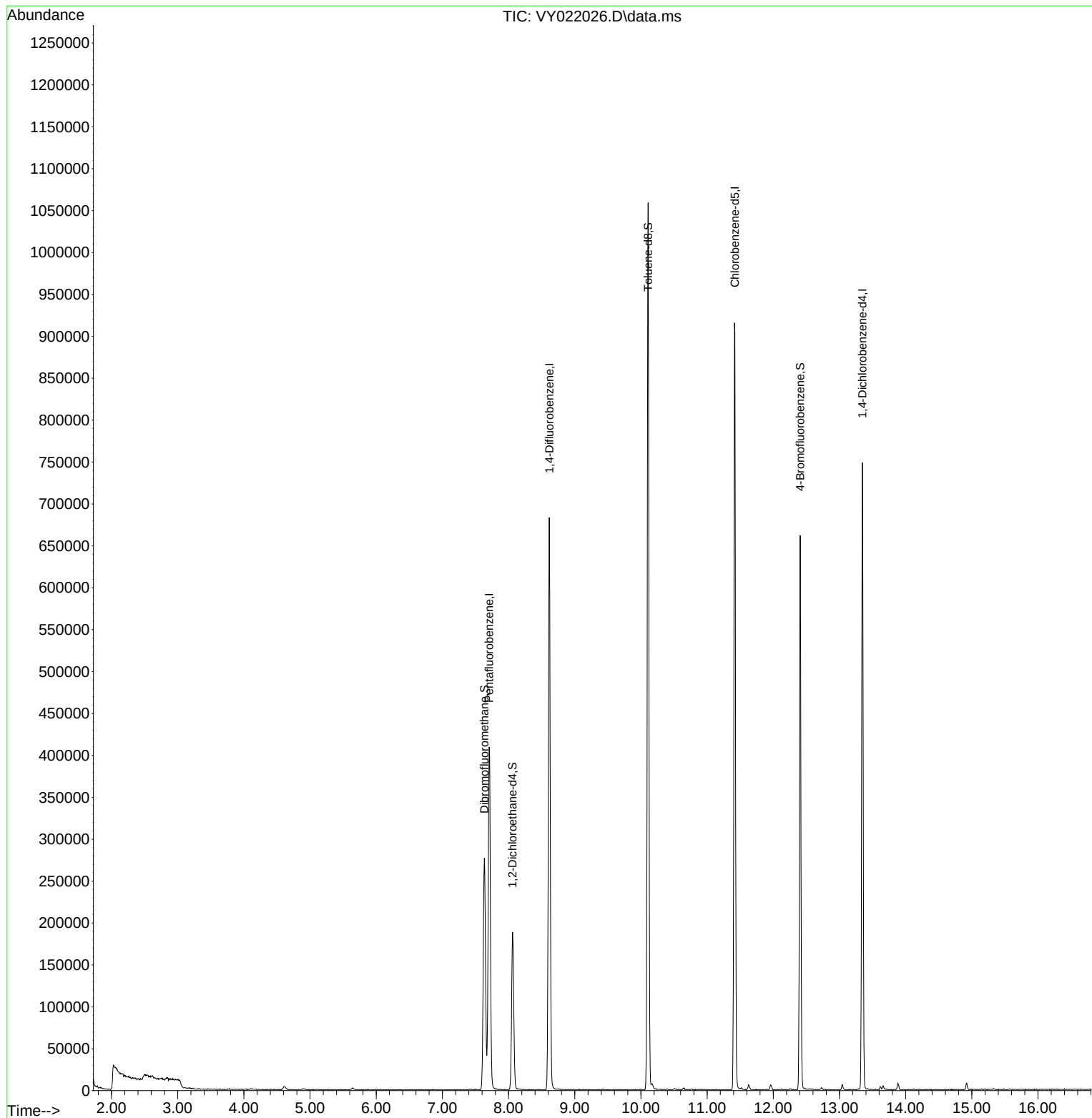
Target Compounds	Qvalue

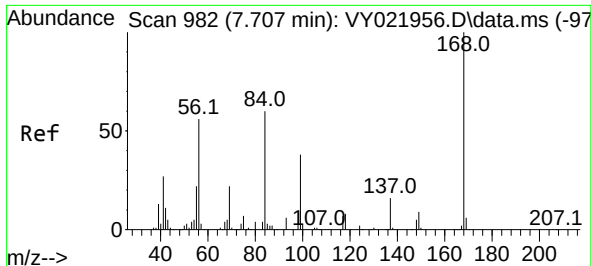
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
Data File : VY022026.D
Acq On : 28 Apr 2025 13:04
Operator : SY/MD
Sample : IBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Quant Time: Apr 29 03:53:21 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

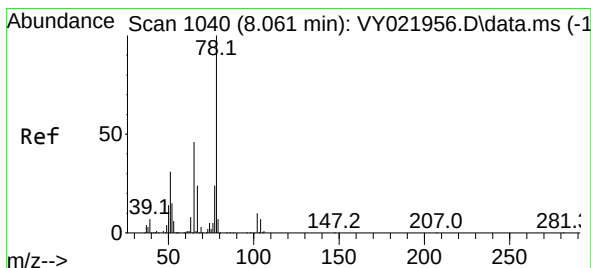
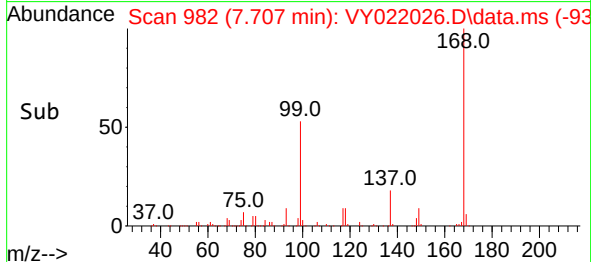
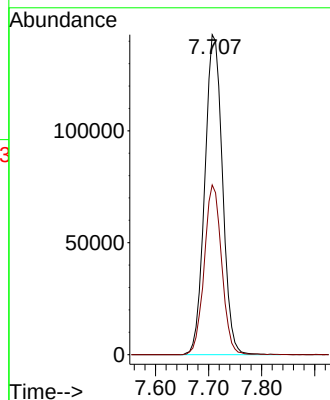
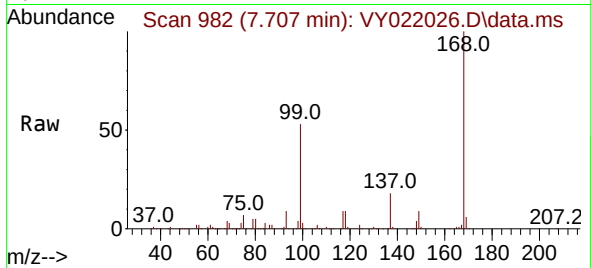




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022026.D
Acq: 28 Apr 2025 13:04

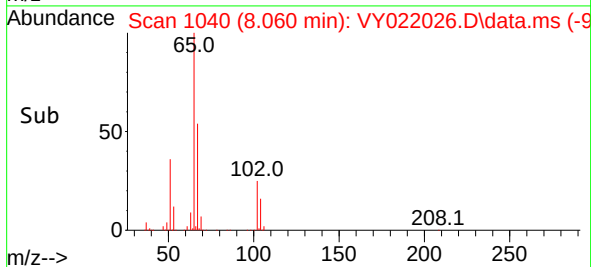
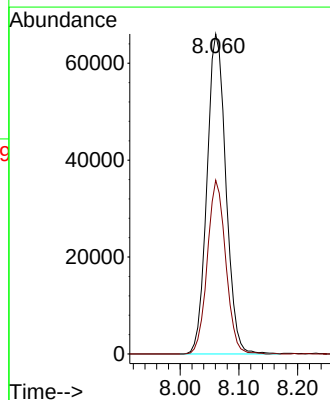
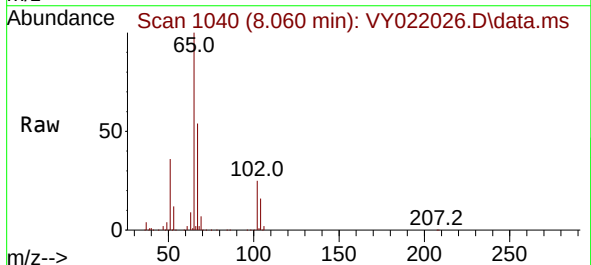
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

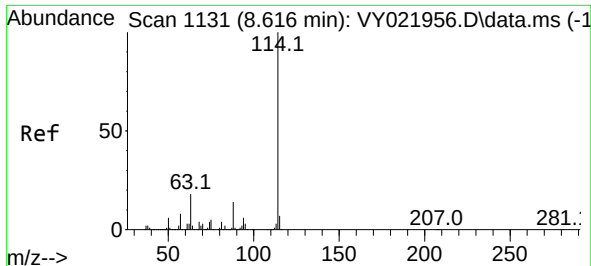
Tgt Ion:168 Resp: 330644
Ion Ratio Lower Upper
168 100
99 53.1 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 48.440 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022026.D
Acq: 28 Apr 2025 13:04

Tgt Ion: 65 Resp: 147941
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8

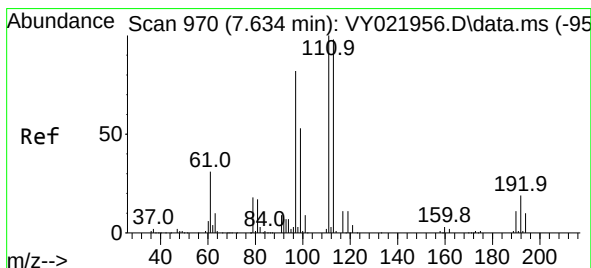
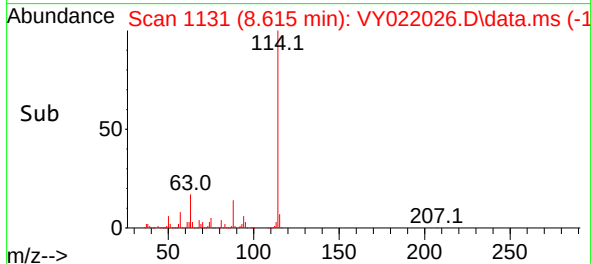
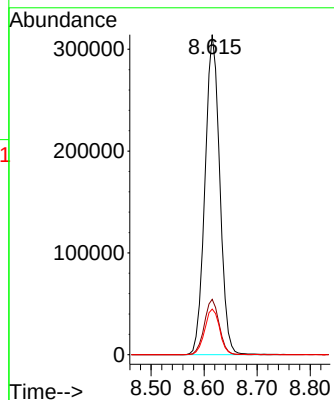
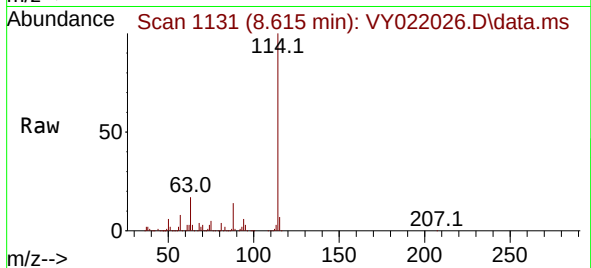




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022026.D
Acq: 28 Apr 2025 13:04

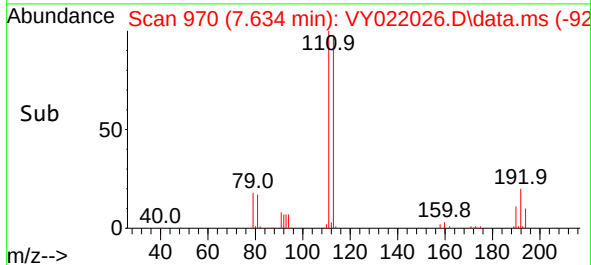
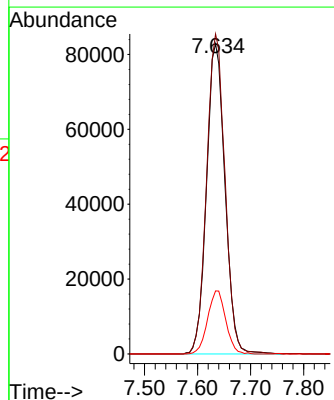
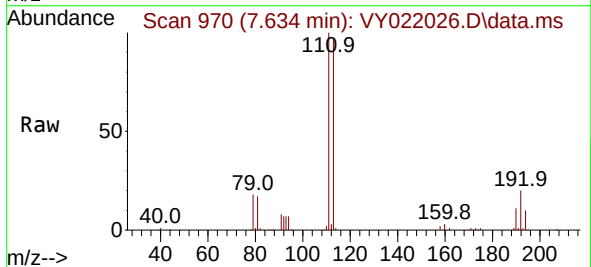
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

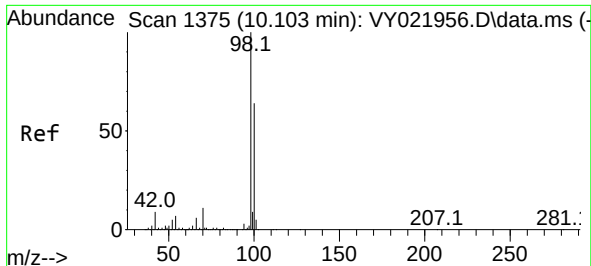
Tgt Ion:114 Resp: 606621
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.4
88 14.2 0.0 28.2



#35
Dibromofluoromethane
Concen: 49.880 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022026.D
Acq: 28 Apr 2025 13:04

Tgt Ion:113 Resp: 199904
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 20.0 15.6 23.4

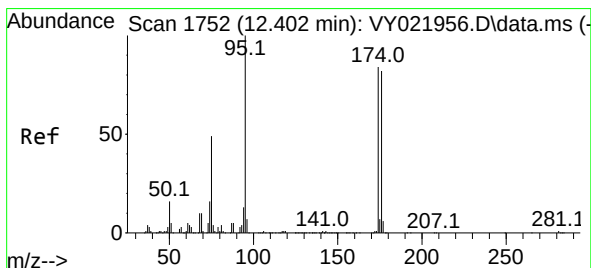
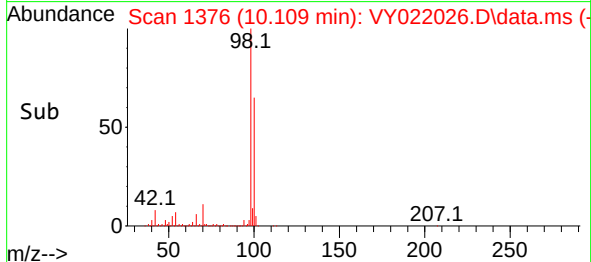
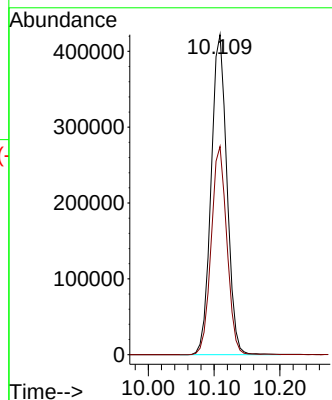
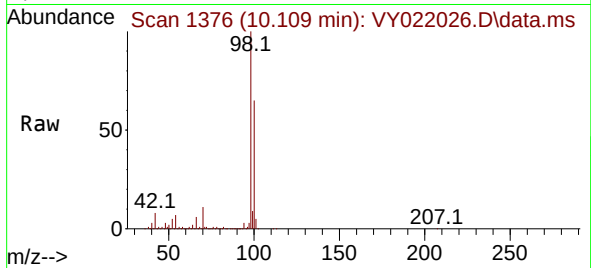




#50
Toluene-d8
Concen: 46.708 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022026.D
Acq: 28 Apr 2025 13:04

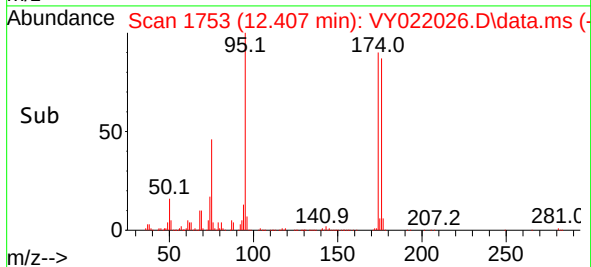
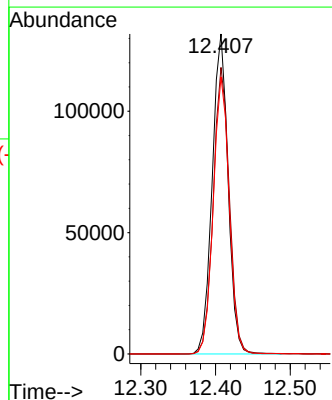
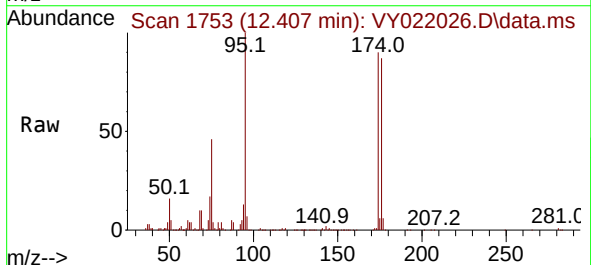
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

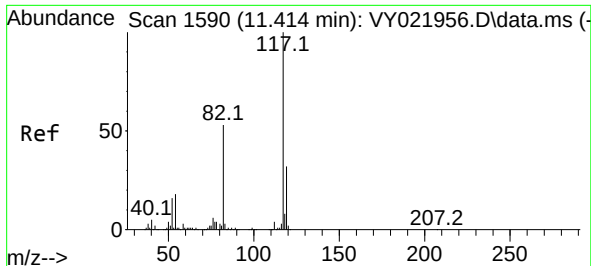
Tgt Ion: 98 Resp: 705707
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.315 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022026.D
Acq: 28 Apr 2025 13:04

Tgt Ion: 95 Resp: 194882
Ion Ratio Lower Upper
95 100
174 91.2 0.0 179.0
176 86.8 0.0 171.8

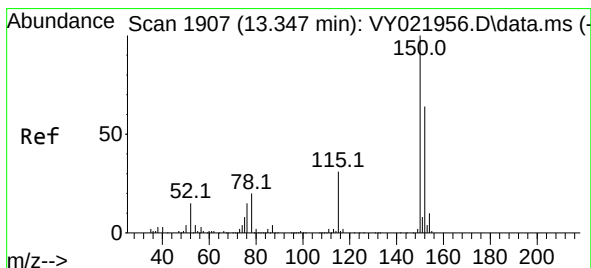
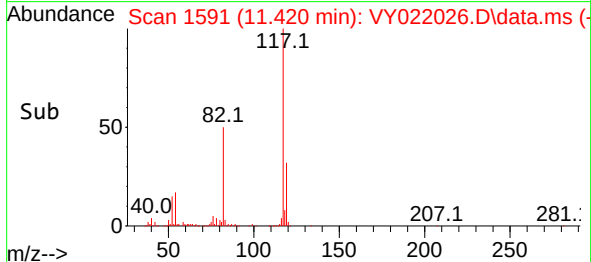
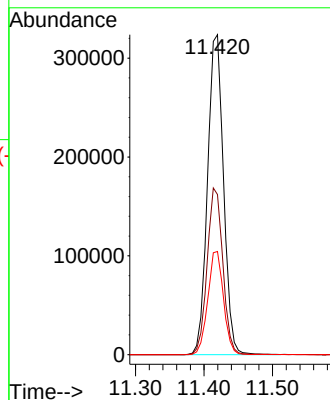
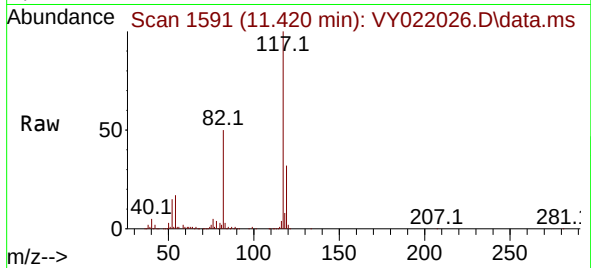




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022026.D
Acq: 28 Apr 2025 13:04

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 524960
Ion Ratio Lower Upper
117 100
82 50.0 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: VY022026.D
Acq: 28 Apr 2025 13:04

Tgt Ion:152 Resp: 199008
Ion Ratio Lower Upper
152 100
115 56.1 28.0 84.0
150 157.9 0.0 345.6

