

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022022.D
 Acq On : 28 Apr 2025 11:08
 Operator : SY/MD
 Sample : VY0428SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBL01

Quant Time: Apr 29 03:52:16 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	311923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	578371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	493590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	183874	50.000	ug/l	0.00

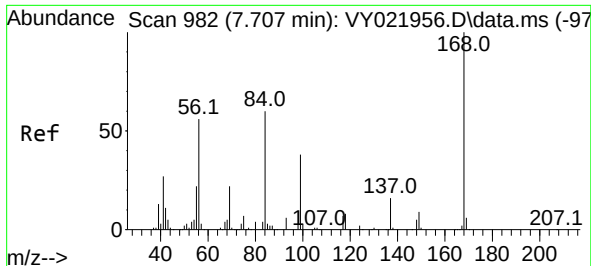
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	147843	51.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.620%
35) Dibromofluoromethane	7.634	113	194182	50.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.640%
50) Toluene-d8	10.109	98	678662	47.112	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.220%
62) 4-Bromofluorobenzene	12.408	95	278168	57.361	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	114.720%

Target Compounds	Qvalue

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

Quant Time: Apr 29 03:52:16 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

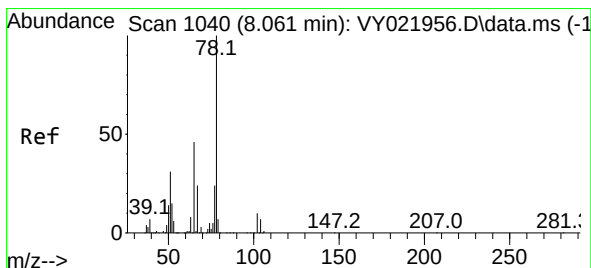
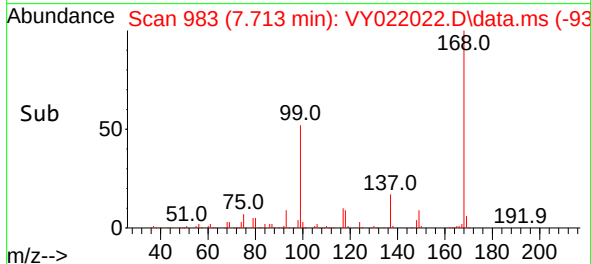
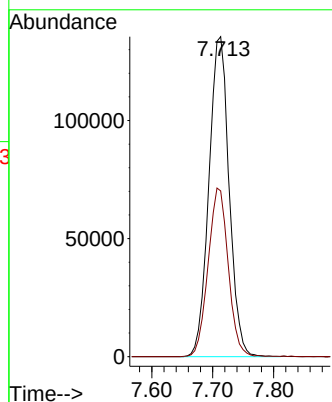
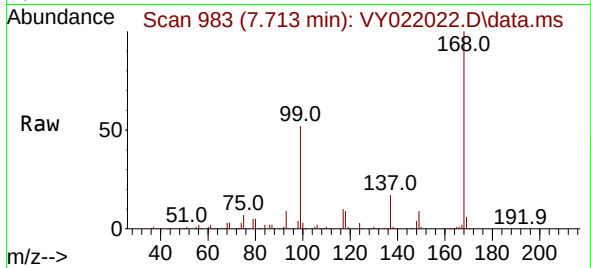




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY022022.D
Acq: 28 Apr 2025 11:08

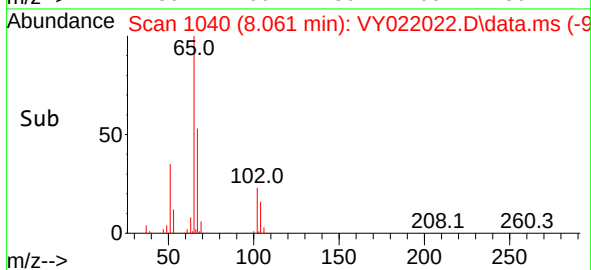
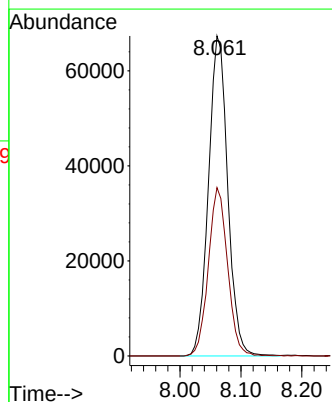
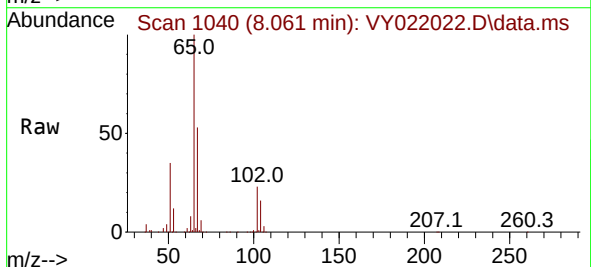
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBL01

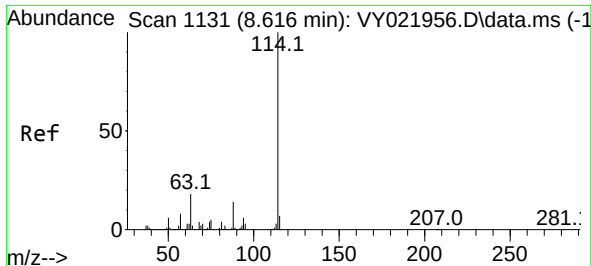
Tgt Ion:168 Resp: 311923
Ion Ratio Lower Upper
168 100
99 51.8 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 51.313 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022022.D
Acq: 28 Apr 2025 11:08

Tgt Ion: 65 Resp: 147843
Ion Ratio Lower Upper
65 100
67 52.6 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: VY022022.D

Acq: 28 Apr 2025 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBL01

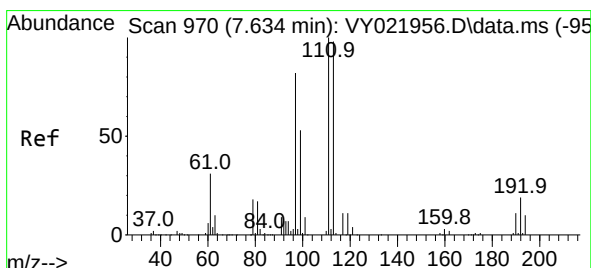
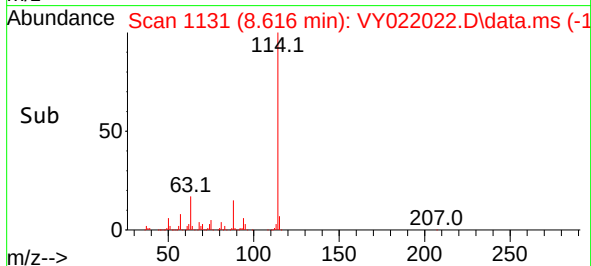
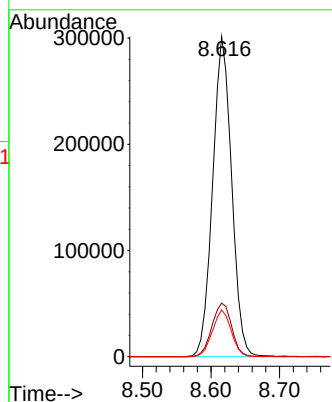
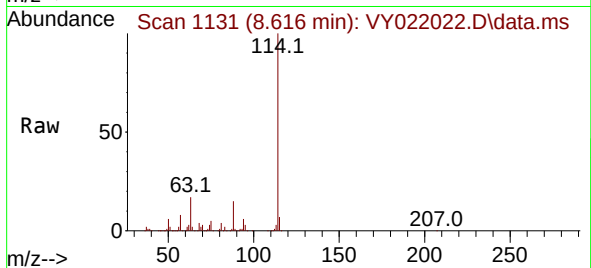
Tgt Ion:114 Resp: 578371

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.4

88 14.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.819 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022022.D

Acq: 28 Apr 2025 11:08

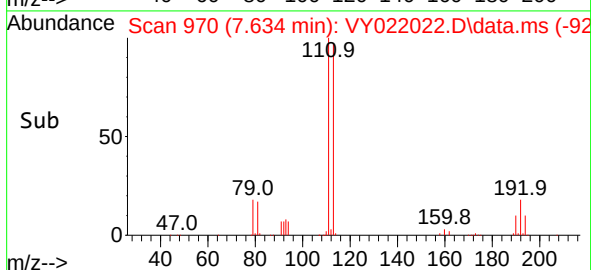
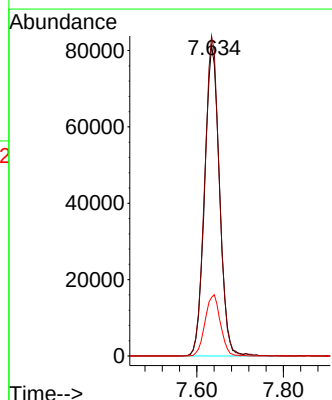
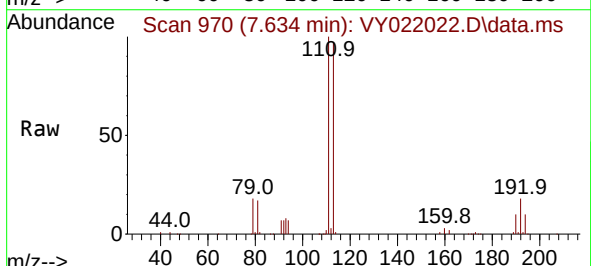
Tgt Ion:113 Resp: 194182

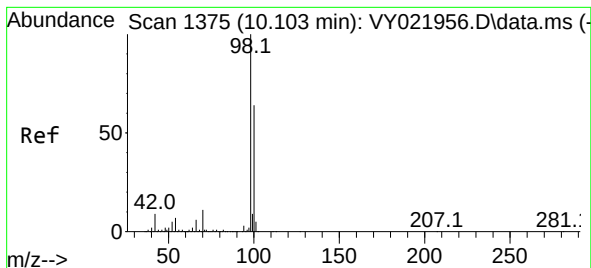
Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

192 20.2 15.6 23.4

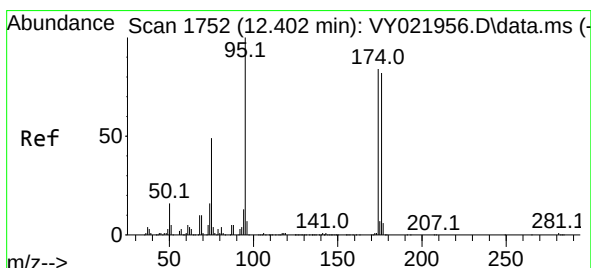
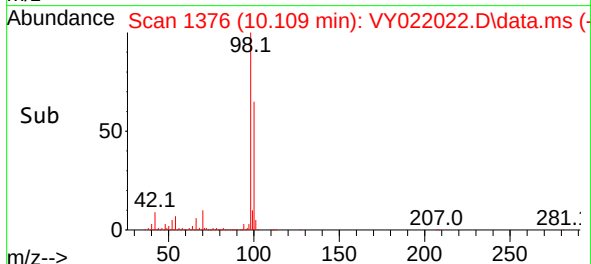
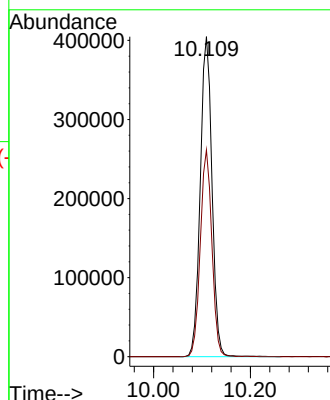
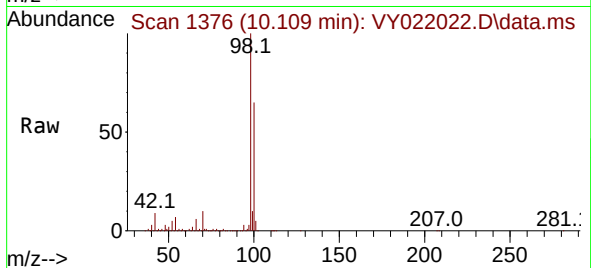




#50
Toluene-d8
Concen: 47.112 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022022.D
Acq: 28 Apr 2025 11:08

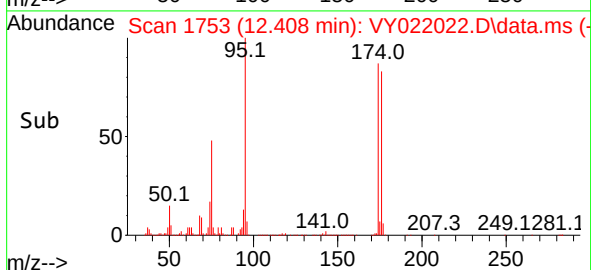
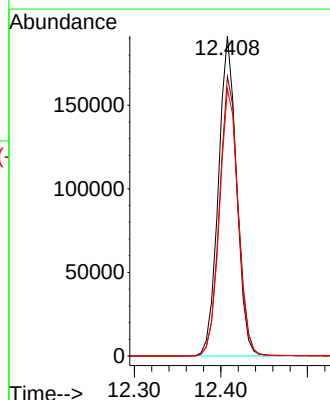
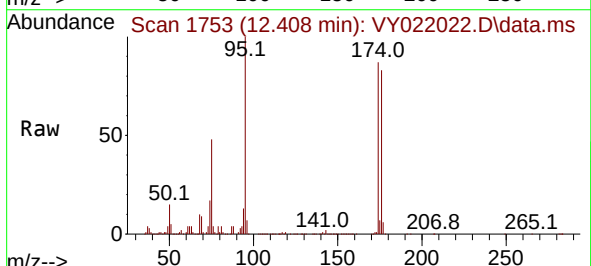
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBL01

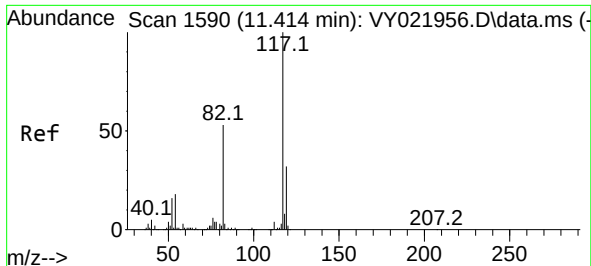
Tgt Ion: 98 Resp: 678662
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 57.361 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022022.D
Acq: 28 Apr 2025 11:08

Tgt Ion: 95 Resp: 278168
Ion Ratio Lower Upper
95 100
174 89.5 0.0 179.0
176 85.9 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: VY022022.D

Acq: 28 Apr 2025 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBL01

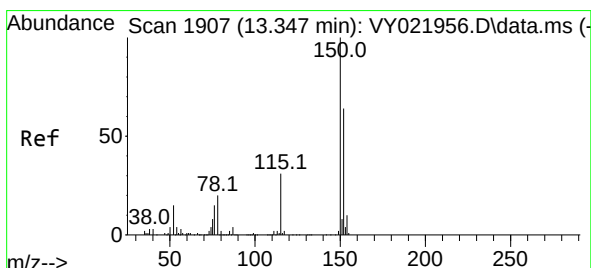
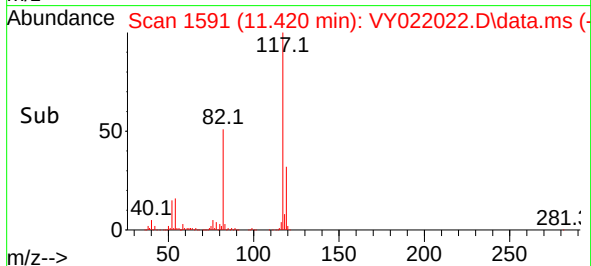
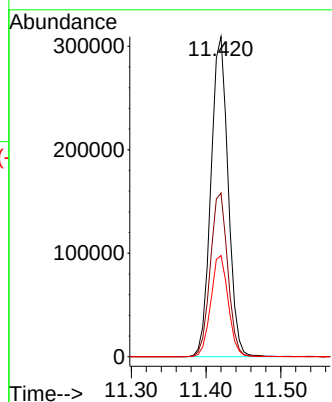
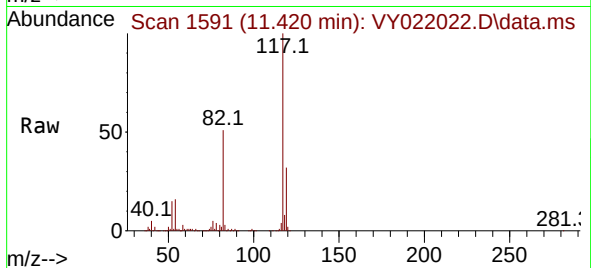
Tgt Ion:117 Resp: 493590

Ion Ratio Lower Upper

117 100

82 51.2 42.1 63.1

119 31.6 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: VY022022.D

Acq: 28 Apr 2025 11:08

Tgt Ion:152 Resp: 183874

Ion Ratio Lower Upper

152 100

115 55.6 28.0 84.0

150 155.5 0.0 345.6

