

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
 Data File : VY022621.D
 Acq On : 09 Jun 2025 11:39
 Operator : SY/MD
 Sample : Q2240-03
 Misc : 4.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-VOC

Quant Time: Jun 10 01:27:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

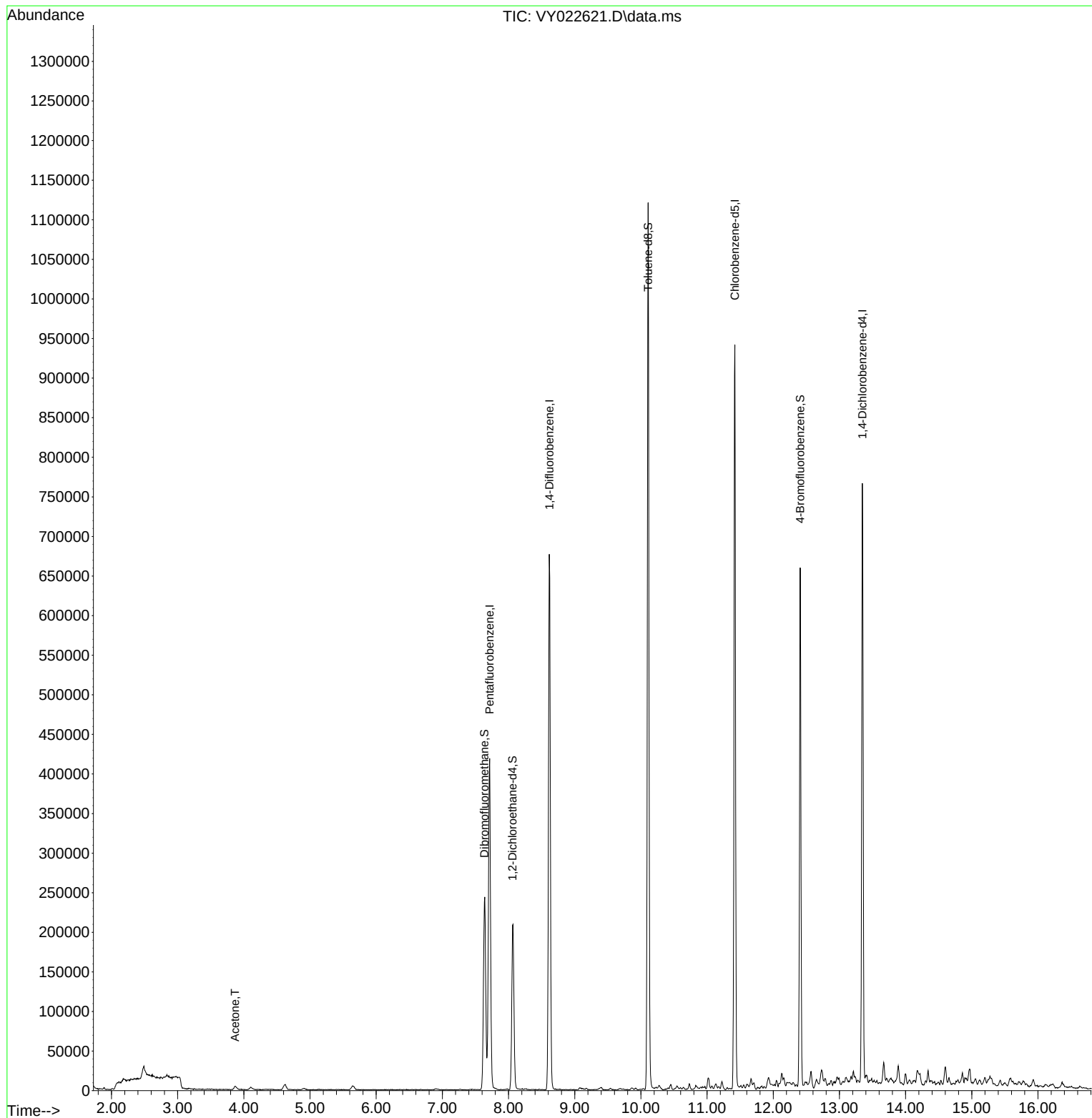
Internal Standards						
1) Pentafluorobenzene	7.713	168	304817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	558114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	456364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	174244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160234	47.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.000%
35) Dibromofluoromethane	7.634	113	165082	49.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.120%
50) Toluene-d8	10.109	98	680480	50.554	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.100%
62) 4-Bromofluorobenzene	12.407	95	170557	42.527	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.060%
Target Compounds						
16) Acetone	3.866	43	8145	11.764	ug/l	Qvalue 91

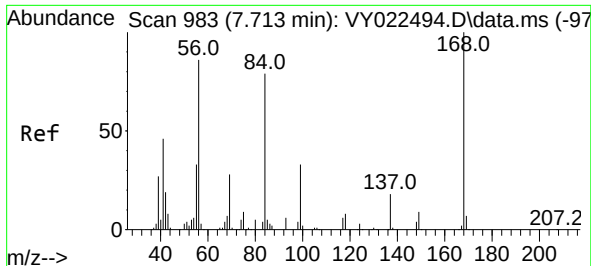
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060925\
Data File : VY022621.D
Acq On : 09 Jun 2025 11:39
Operator : SY/MD
Sample : Q2240-03
Misc : 4.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-3-VOC

Quant Time: Jun 10 01:27:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

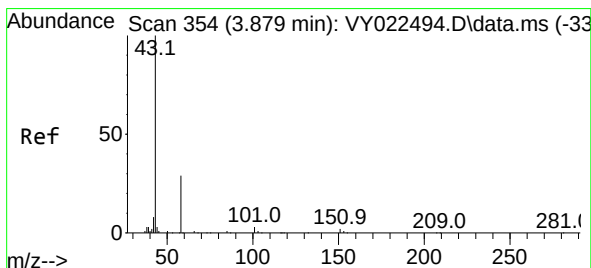
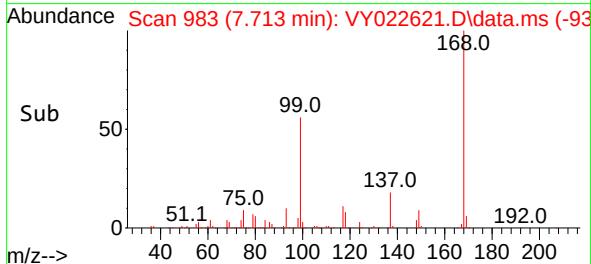
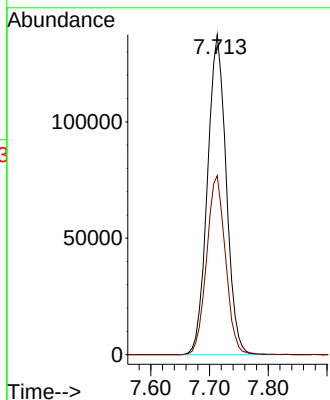
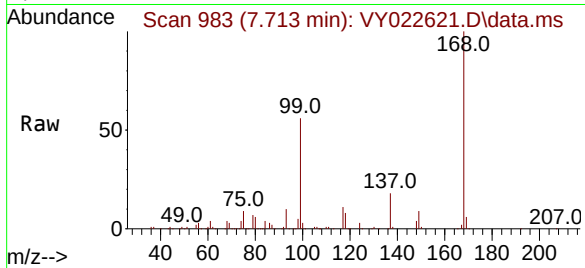




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022621.D
Acq: 09 Jun 2025 11:39

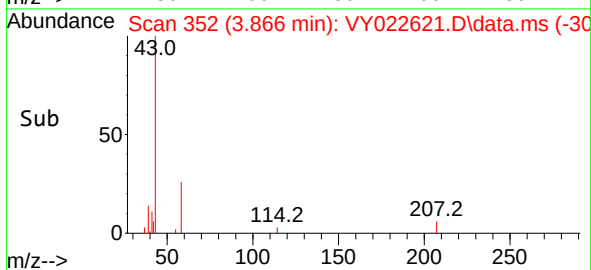
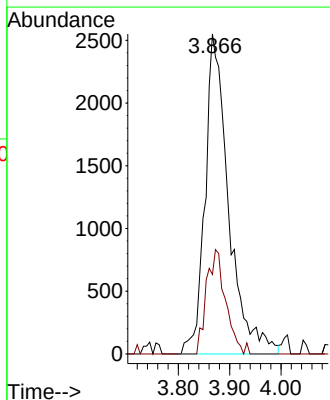
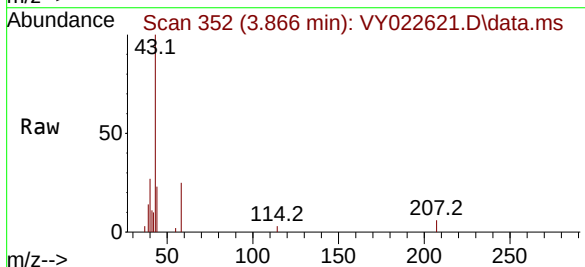
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-VOC

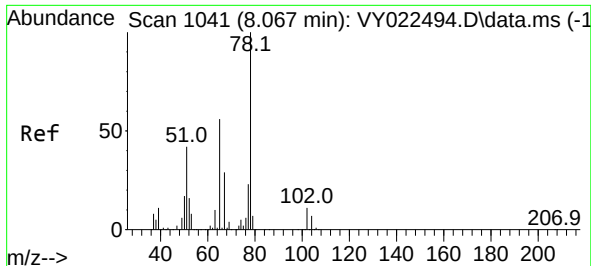
Tgt Ion:168 Resp: 304817
Ion Ratio Lower Upper
168 100
99 56.0 44.3 66.5



#16
Acetone
Concen: 11.764 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022621.D
Acq: 09 Jun 2025 11:39

Tgt Ion: 43 Resp: 8145
Ion Ratio Lower Upper
43 100
58 24.9 24.0 36.0

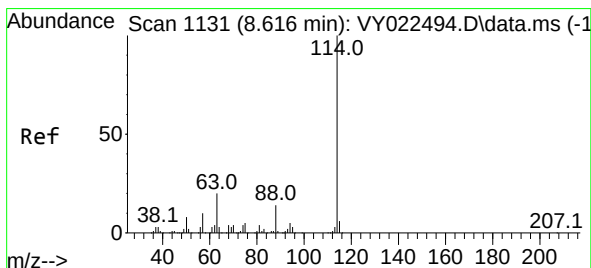
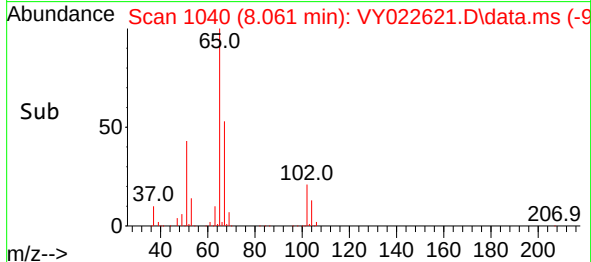
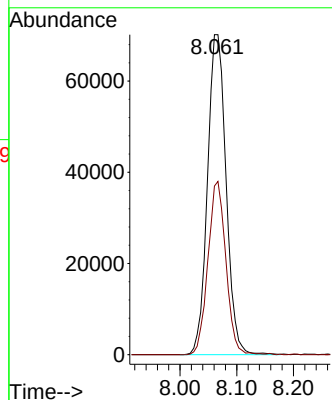
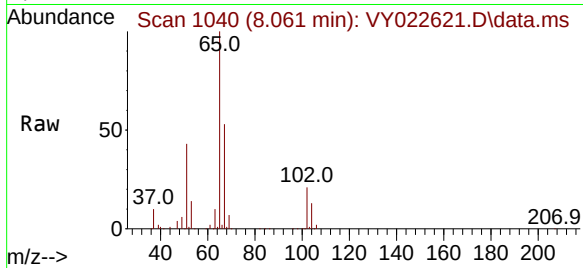




#33
 1,2-Dichloroethane-d4
 Concen: 47.000 ug/l
 RT: 8.061 min Scan# 1104
 Delta R.T. -0.006 min
 Lab File: VY022621.D
 Acq: 09 Jun 2025 11:39

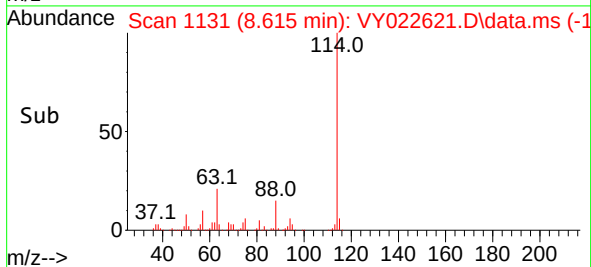
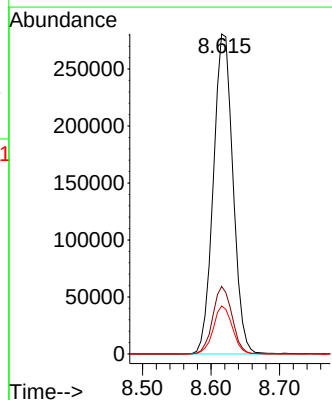
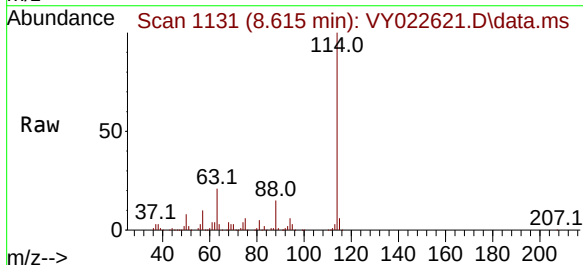
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-VOC

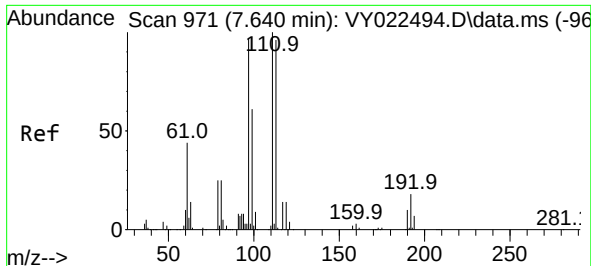
Tgt Ion: 65 Resp: 160234
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY022621.D
 Acq: 09 Jun 2025 11:39

Tgt Ion: 114 Resp: 558114
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 15.0 0.0 27.8

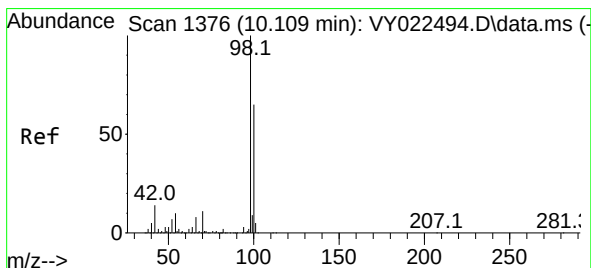
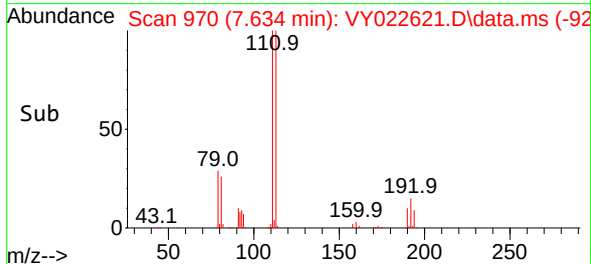
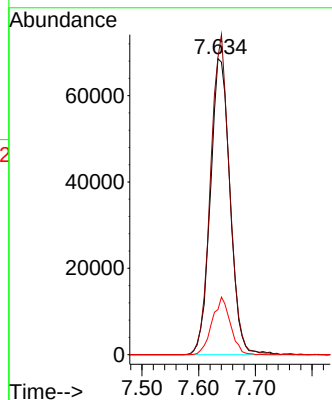
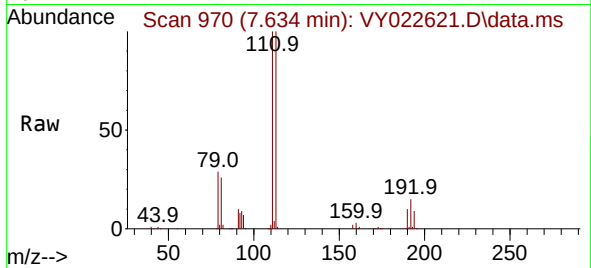




#35
Dibromofluoromethane
Concen: 49.555 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022621.D
Acq: 09 Jun 2025 11:39

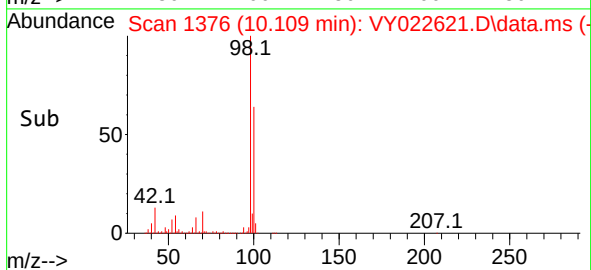
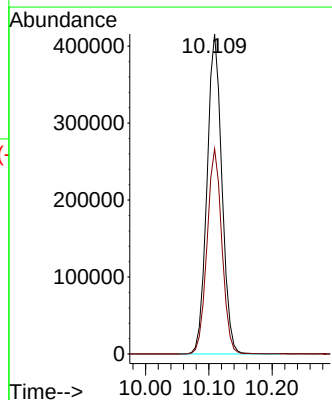
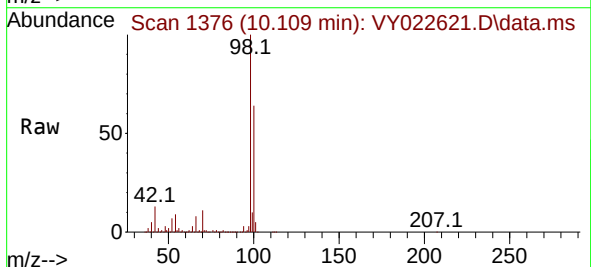
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-VOC

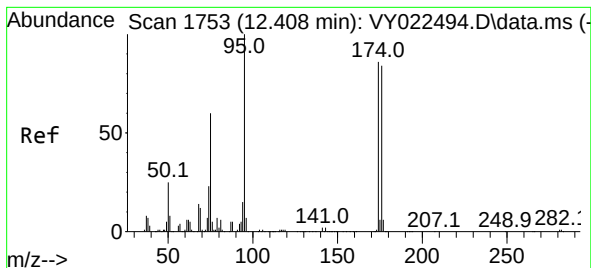
Tgt Ion:113 Resp: 165082
Ion Ratio Lower Upper
113 100
111 104.6 81.1 121.7
192 18.1 14.2 21.2



#50
Toluene-d8
Concen: 50.554 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022621.D
Acq: 09 Jun 2025 11:39

Tgt Ion: 98 Resp: 680480
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 42.527 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY022621.D

Acq: 09 Jun 2025 11:39

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-VOC

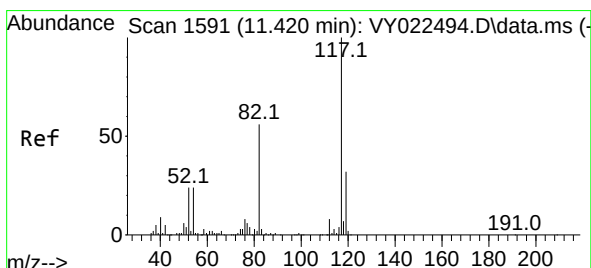
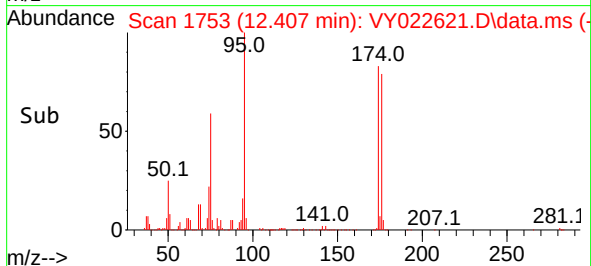
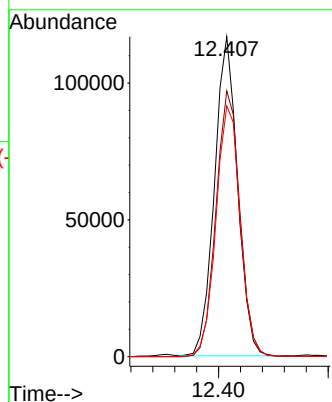
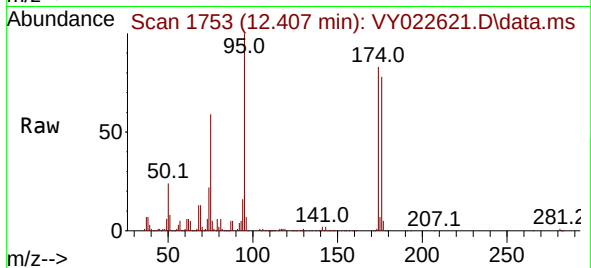
Tgt Ion: 95 Resp: 170557

Ion Ratio Lower Upper

95 100

174 86.3 0.0 170.0

176 82.6 0.0 166.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY022621.D

Acq: 09 Jun 2025 11:39

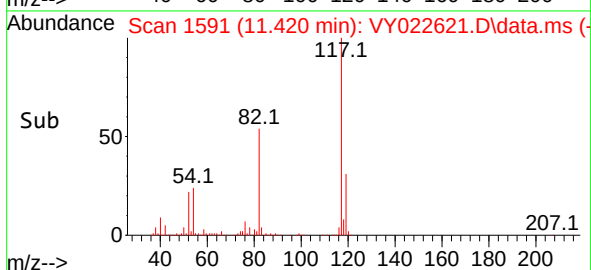
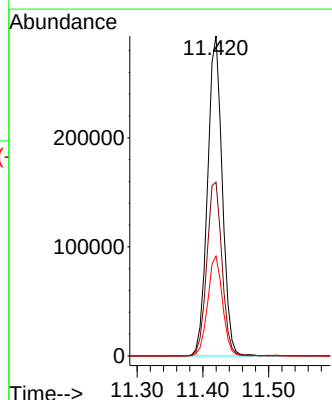
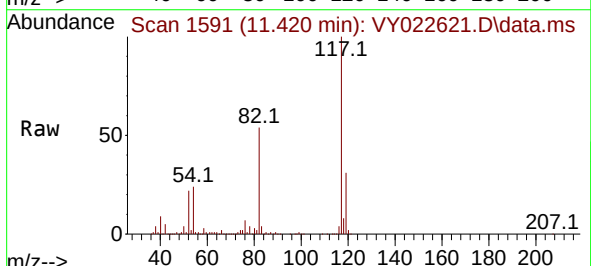
Tgt Ion: 117 Resp: 456364

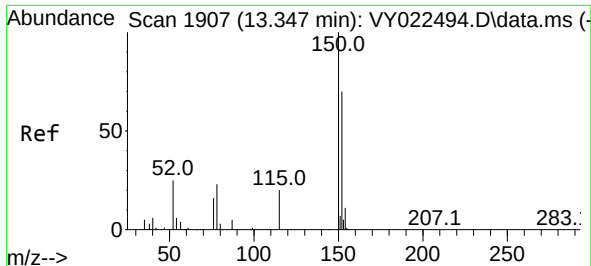
Ion Ratio Lower Upper

117 100

82 54.3 44.6 66.8

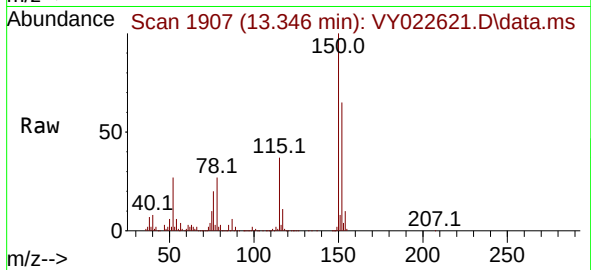
119 31.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022621.D
 Acq: 09 Jun 2025 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-VOC



Tgt Ion:152 Resp: 174244
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.9 86.7
 150 154.9 0.0 349.6

