

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
 Data File : VY022154.D
 Acq On : 05 May 2025 13:11
 Operator : SY/MD
 Sample : Q1947-07
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-O-VOC

Quant Time: May 06 05:21:15 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)

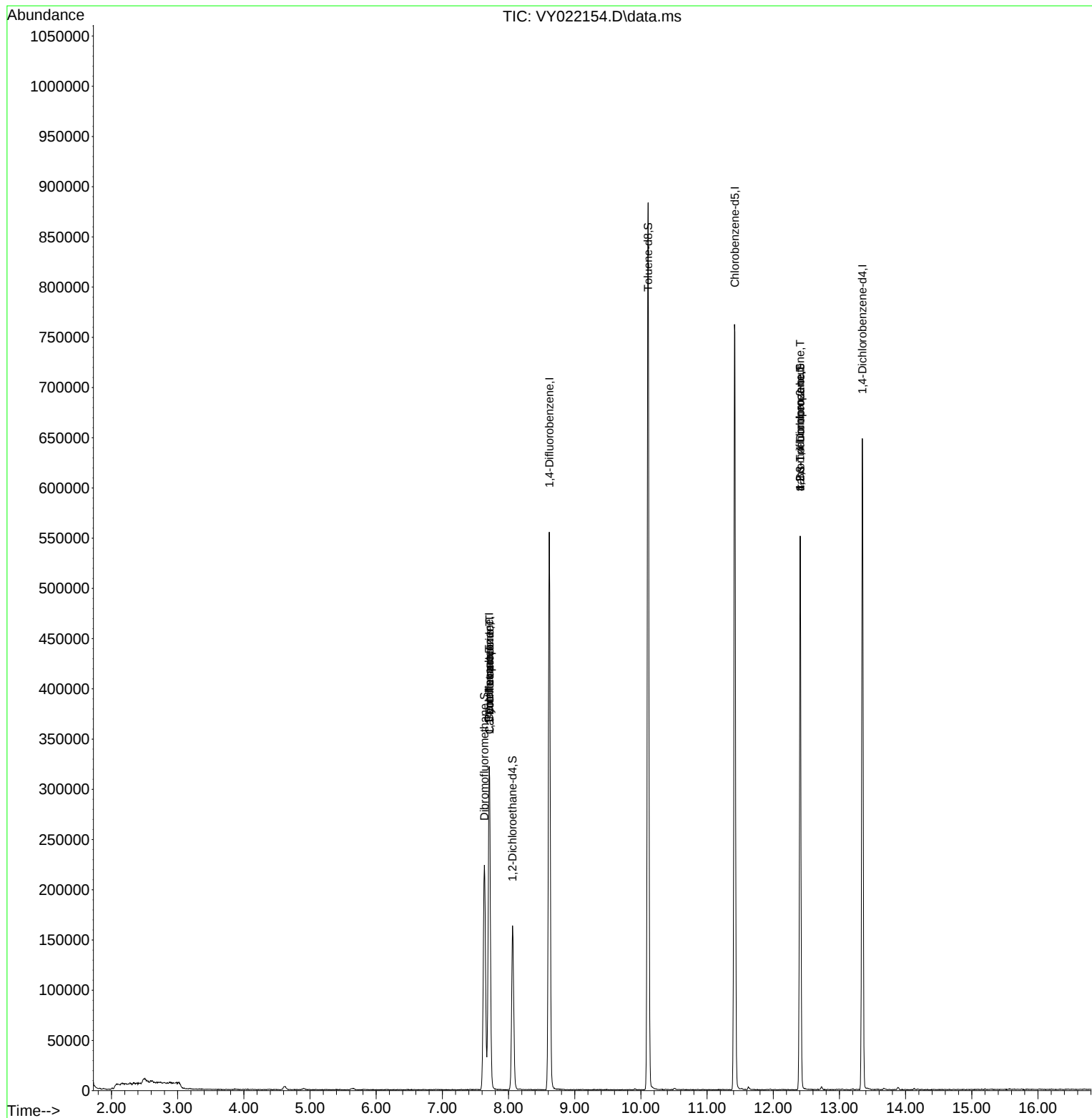
Internal Standards						
1) Pentafluorobenzene	7.707	168	251842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	485730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	432575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	164838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	127397	54.766	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.540%	
35) Dibromofluoromethane	7.634	113	161293	50.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.520%	
50) Toluene-d8	10.109	98	588312	48.629	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.260%	
62) 4-Bromofluorobenzene	12.408	95	169581	41.639	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.280%	
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	618	Below Cal	#	41
31) Cyclohexane	7.707	56	5037	1.310	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	18922	4.390	ug/l #	47
38) Carbon Tetrachloride	7.713	117	24801	4.815	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	82088	58.139	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	82088	140.008	ug/l #	16

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
Data File : VY022154.D
Acq On : 05 May 2025 13:11
Operator : SY/MD
Sample : Q1947-07
Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-O-VOC

Quant Time: May 06 05:21:15 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

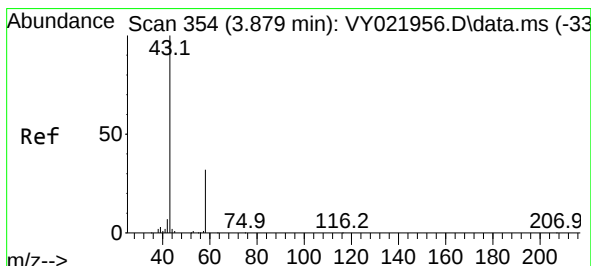
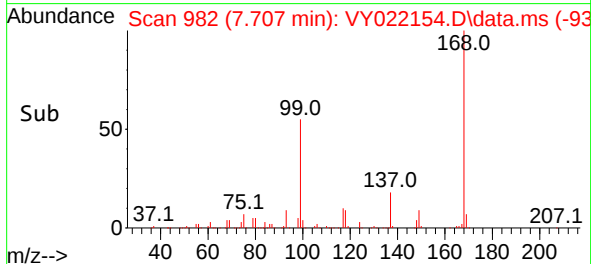
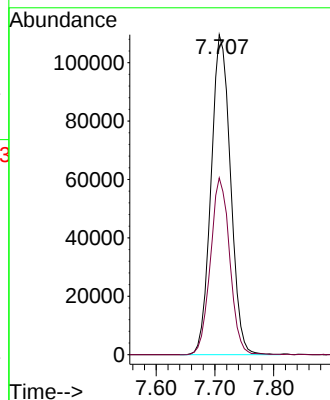
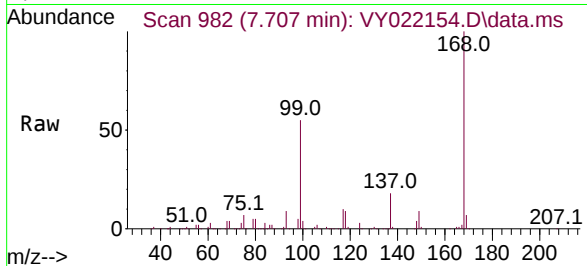




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022154.D
Acq: 05 May 2025 13:11

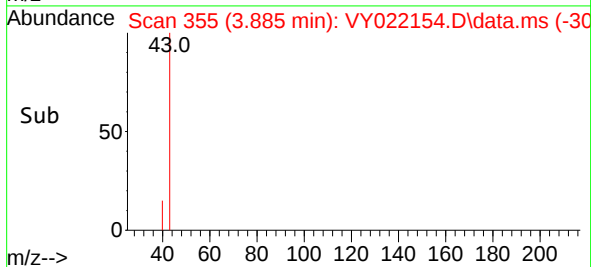
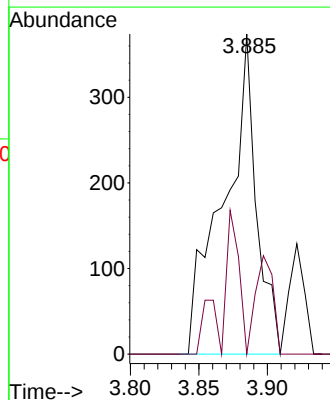
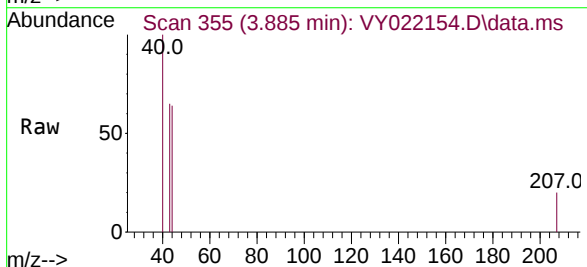
Instrument :
MSVOA_Y
ClientSampleId :
MH-O-VOC

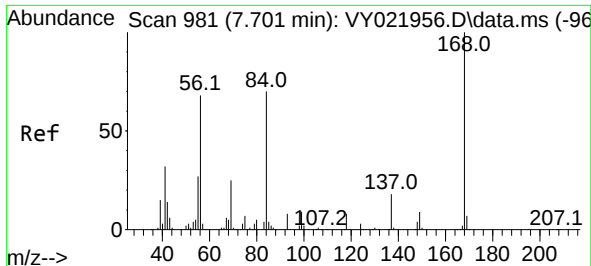
Tgt Ion:168 Resp: 251842
Ion Ratio Lower Upper
168 100
99 55.3 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022154.D
Acq: 05 May 2025 13:11

Tgt Ion: 43 Resp: 618
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#

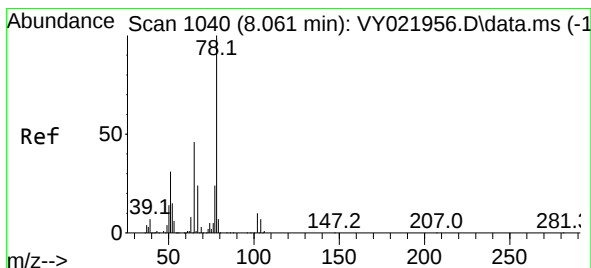
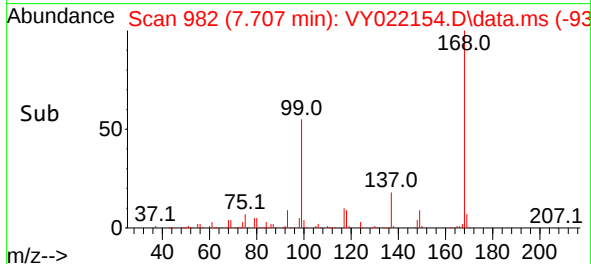
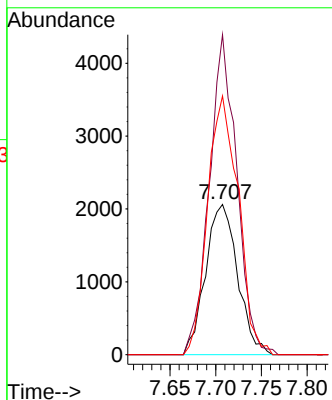
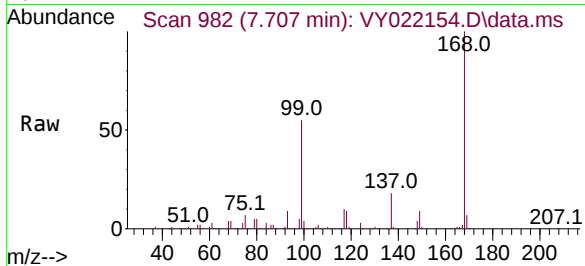




#31
Cyclohexane
Concen: 1.310 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022154.D
Acq: 05 May 2025 13:11

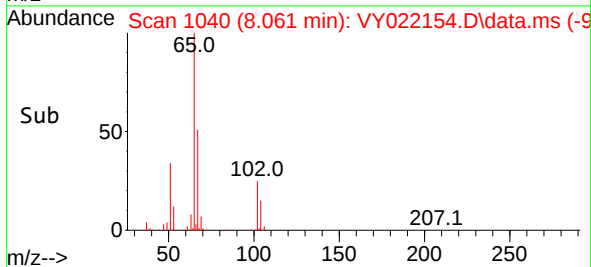
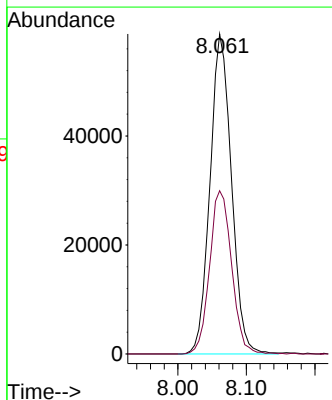
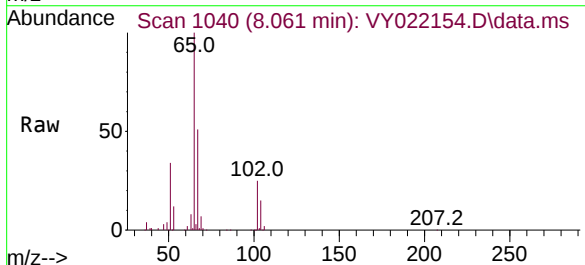
Instrument :
MSVOA_Y
ClientSampleId :
MH-O-VOC

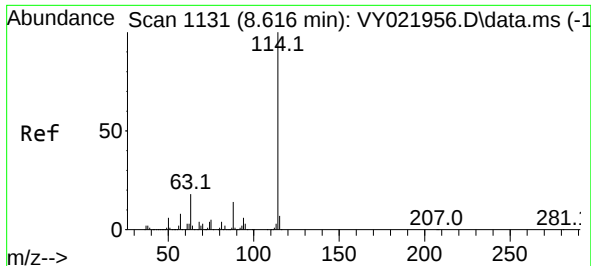
Tgt Ion: 56 Resp: 5037
Ion Ratio Lower Upper
56 100
69 212.9 29.4 44.2#
84 172.2 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 54.766 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022154.D
Acq: 05 May 2025 13:11

Tgt Ion: 65 Resp: 127397
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.8

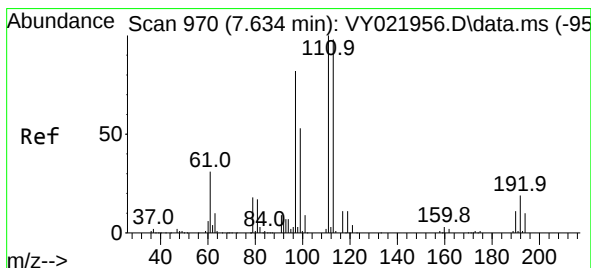
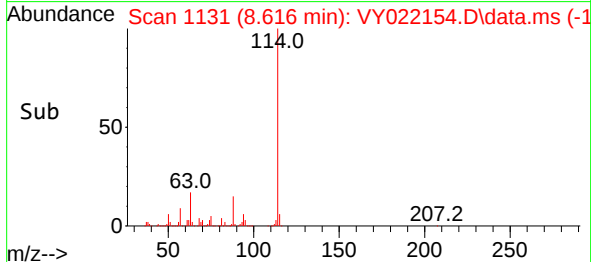
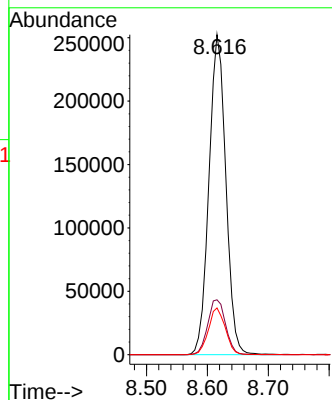
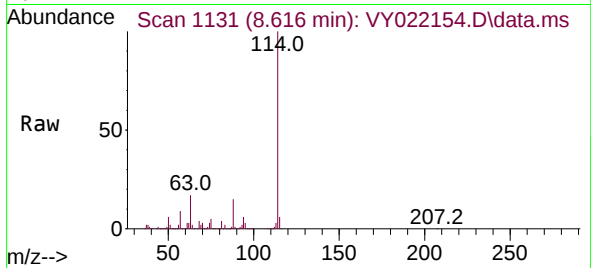




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022154.D
Acq: 05 May 2025 13:11

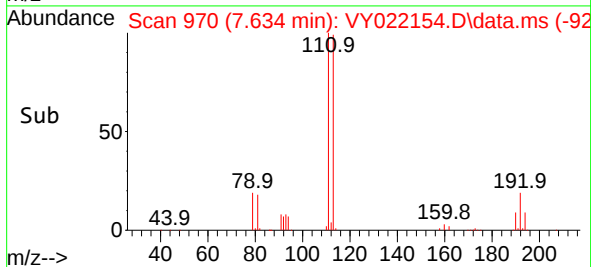
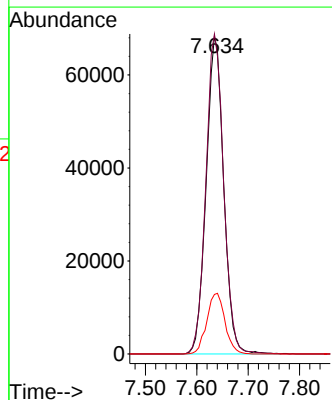
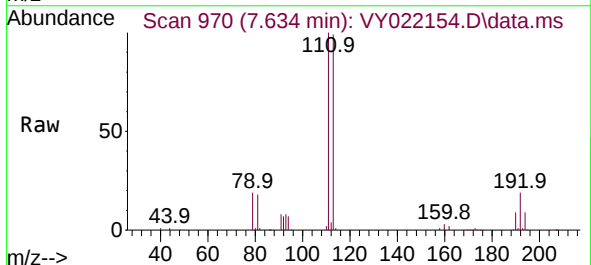
Instrument :
MSVOA_Y
ClientSampleId :
MH-O-VOC

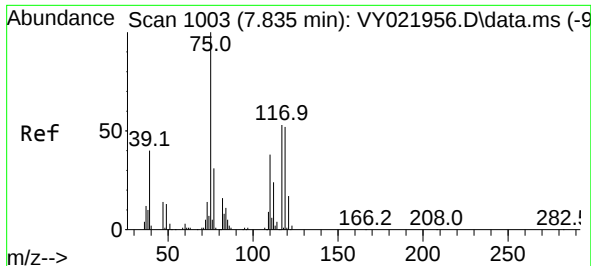
Tgt Ion:114 Resp: 485730
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.4
88 14.6 0.0 28.2



#35
Dibromofluoromethane
Concen: 50.263 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022154.D
Acq: 05 May 2025 13:11

Tgt Ion:113 Resp: 161293
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 19.9 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.390 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

Lab File: VY022154.D

Acq: 05 May 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

MH-O-VOC

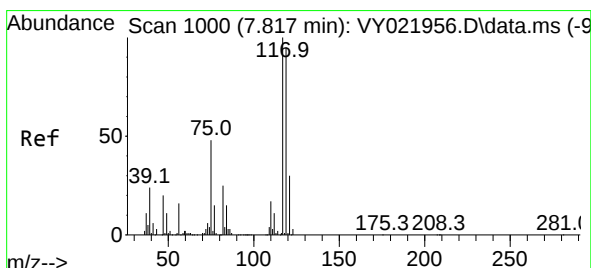
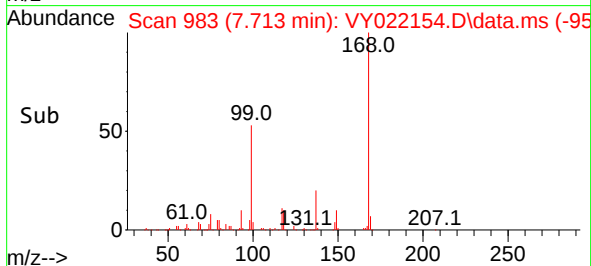
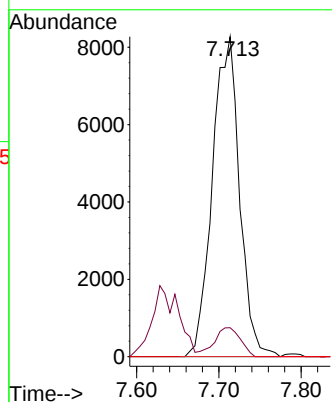
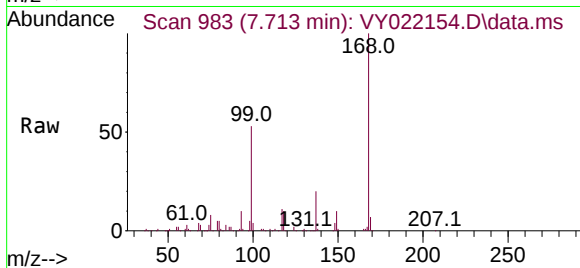
Tgt Ion: 75 Resp: 18922

Ion Ratio Lower Upper

75 100

110 8.6 19.1 57.3#

77 0.0 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 4.815 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY022154.D

Acq: 05 May 2025 13:11

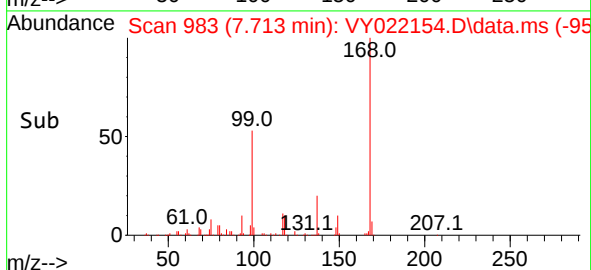
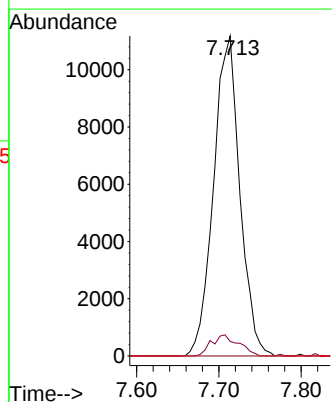
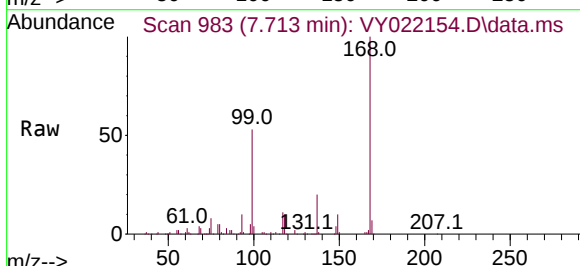
Tgt Ion: 117 Resp: 24801

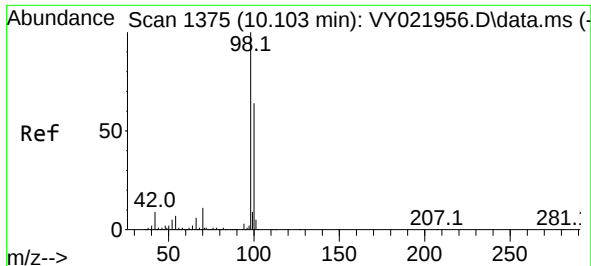
Ion Ratio Lower Upper

117 100

119 4.6 76.2 114.4#

121 0.0 24.0 36.0#

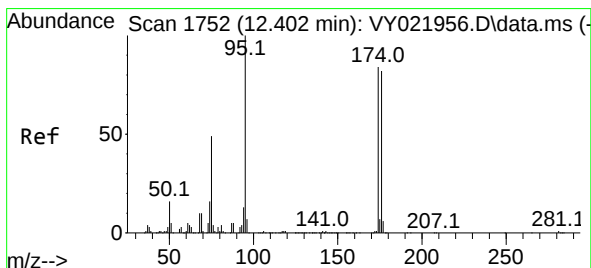
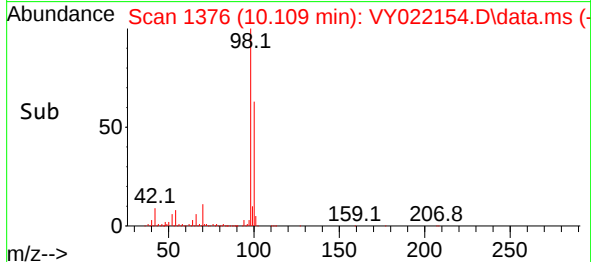
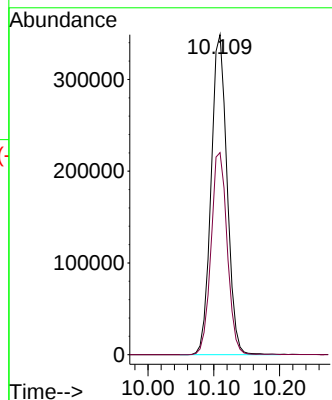
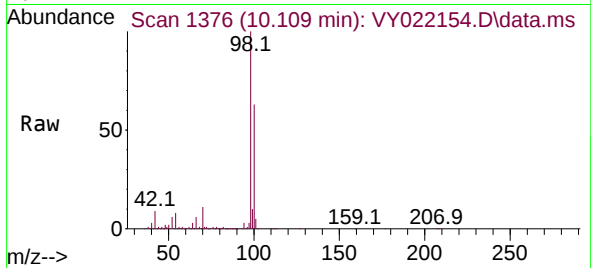




#50
Toluene-d8
Concen: 48.629 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY022154.D
Acq: 05 May 2025 13:11

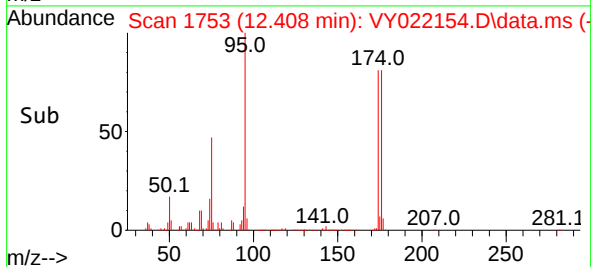
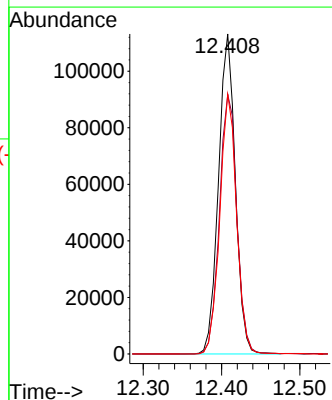
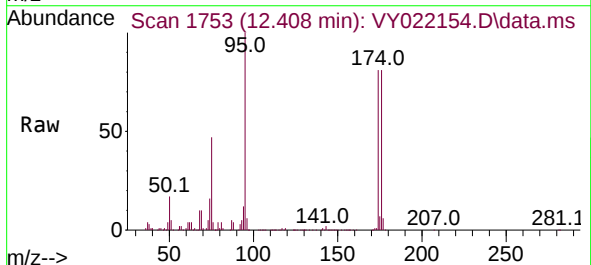
Instrument :
MSVOA_Y
ClientSampleId :
MH-O-VOC

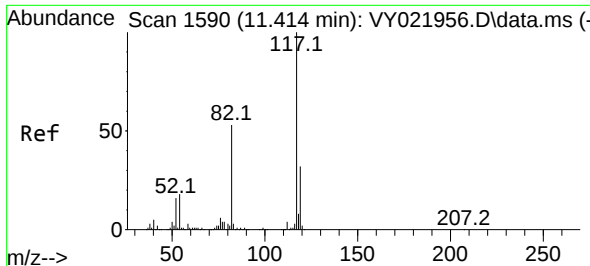
Tgt Ion: 98 Resp: 588312
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 41.639 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022154.D
Acq: 05 May 2025 13:11

Tgt Ion: 95 Resp: 169581
Ion Ratio Lower Upper
95 100
174 84.1 0.0 179.0
176 80.8 0.0 171.8

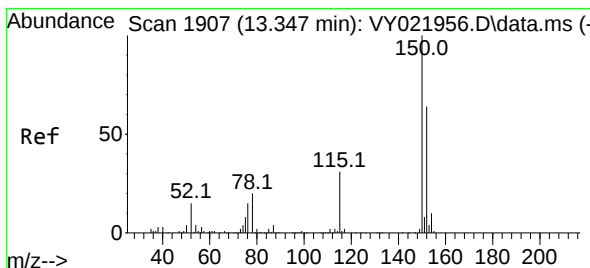
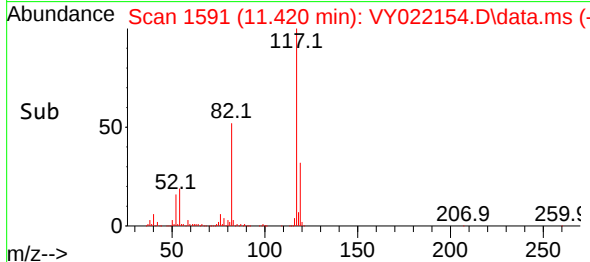
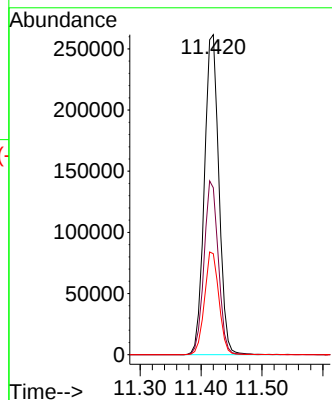
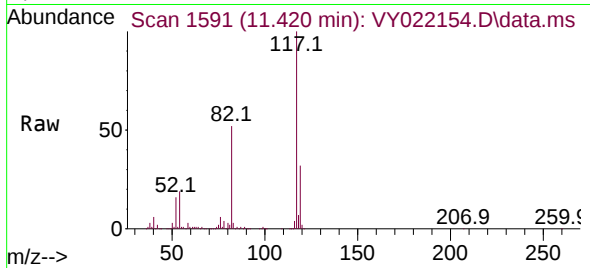




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022154.D
Acq: 05 May 2025 13:11

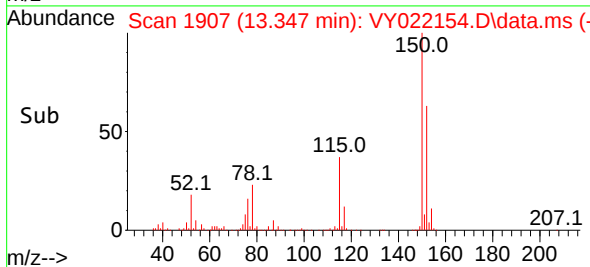
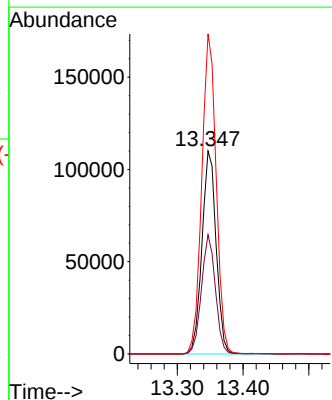
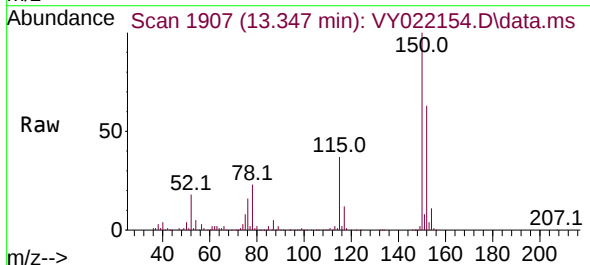
Instrument :
MSVOA_Y
ClientSampleId :
MH-O-VOC

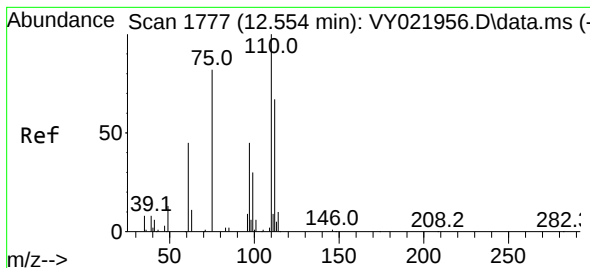
Tgt Ion:117 Resp: 432575
Ion Ratio Lower Upper
117 100
82 52.2 42.1 63.1
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022154.D
Acq: 05 May 2025 13:11

Tgt Ion:152 Resp: 164838
Ion Ratio Lower Upper
152 100
115 57.6 28.0 84.0
150 159.7 0.0 345.6

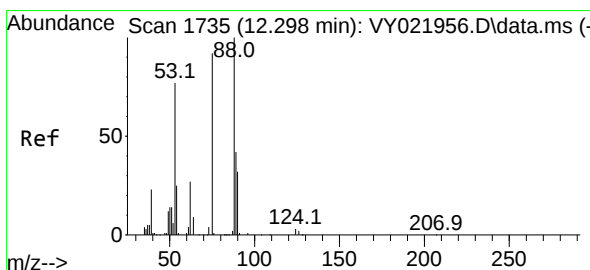
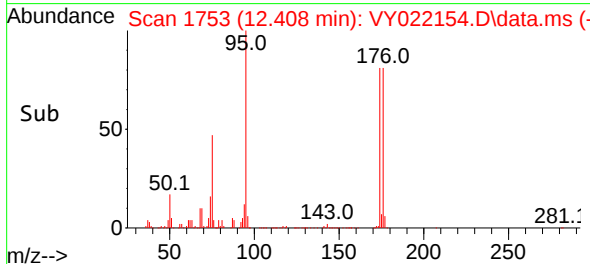
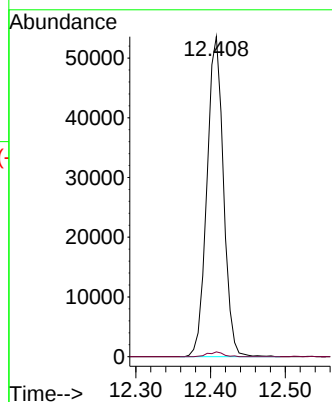
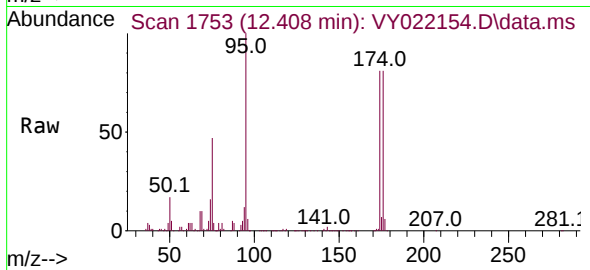




#76
1,2,3-Trichloropropane
Concen: 58.139 ug/l
RT: 12.408 min Scan# 1777
Delta R.T. -0.146 min
Lab File: VY022154.D
Acq: 05 May 2025 13:11

Instrument :
MSVOA_Y
ClientSampleId :
MH-O-VOC

Tgt Ion: 75 Resp: 82088
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.008 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.110 min
Lab File: VY022154.D
Acq: 05 May 2025 13:11

Tgt Ion: 75 Resp: 82088
Ion Ratio Lower Upper
75 100
53 0.1 66.0 99.0#
89 0.0 37.2 55.8#

