

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051225\
 Data File : VY022209.D
 Acq On : 12 May 2025 08:57
 Operator : SY/MD
 Sample : VY0512SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBL01

Quant Time: May 13 02:14:51 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

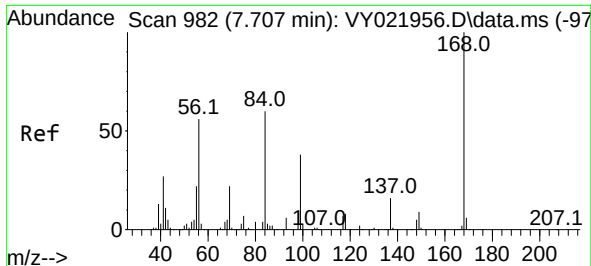
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	193895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	329289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	290502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	128920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	109786	61.300	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.600%			
35) Dibromofluoromethane	7.634	113	119443	54.905	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.800%			
50) Toluene-d8	10.109	98	406054	49.510	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.020%			
62) 4-Bromofluorobenzene	12.407	95	117168	42.438	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.880%			
Target Compounds						
16) Acetone	3.872	43	1023	Below Cal	Qvalue 91	
31) Cyclohexane	7.701	56	3752	1.267 ug/l #	15	
36) 1,1-Dichloropropene	7.713	75	14570	4.986 ug/l #	49	
38) Carbon Tetrachloride	7.707	117	18983	5.436 ug/l #	17	
76) 1,2,3-Trichloropropane	12.407	75	57979	52.505 ug/l #	100	
81) trans-1,4-Dichloro-2-b...	12.407	75	57979	126.439 ug/l #	16	

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

Quant Time: May 13 02:14:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
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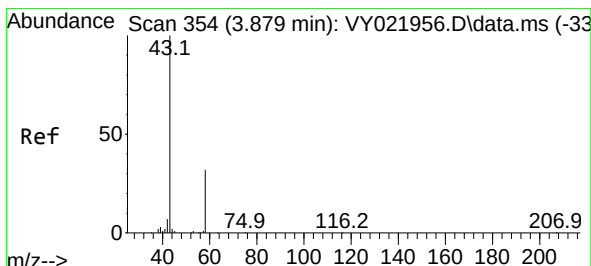
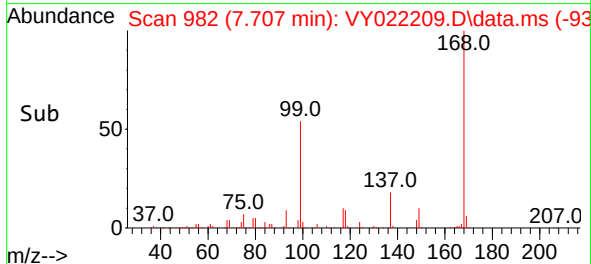
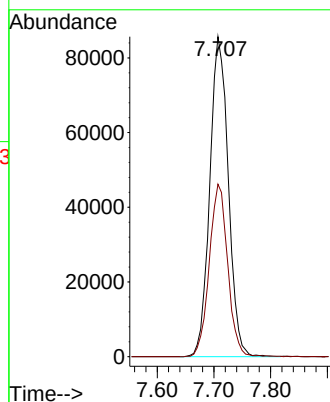
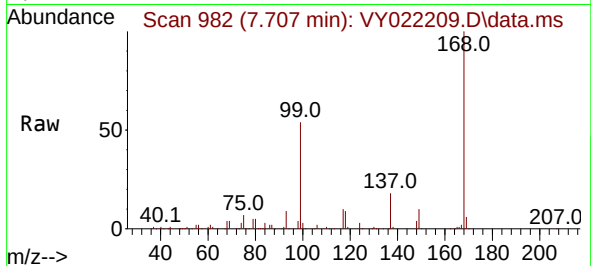




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022209.D
Acq: 12 May 2025 08:57

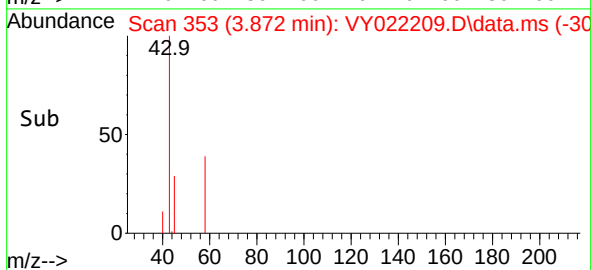
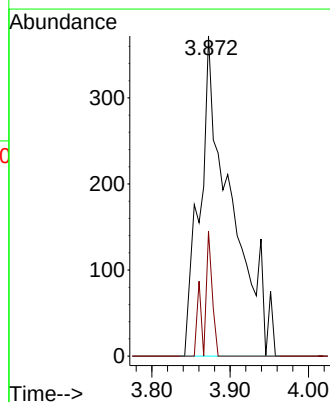
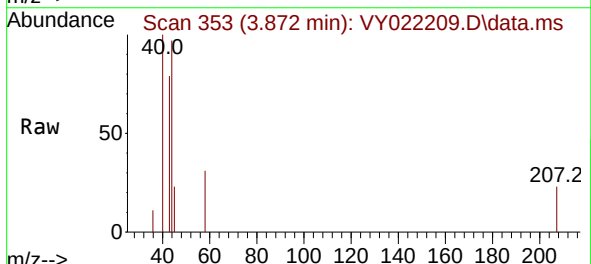
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBL01

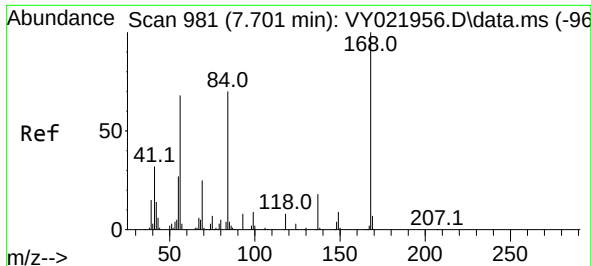
Tgt Ion:168 Resp: 193895
Ion Ratio Lower Upper
168 100
99 53.9 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY022209.D
Acq: 12 May 2025 08:57

Tgt Ion: 43 Resp: 1023
Ion Ratio Lower Upper
43 100
58 39.0 27.0 40.4

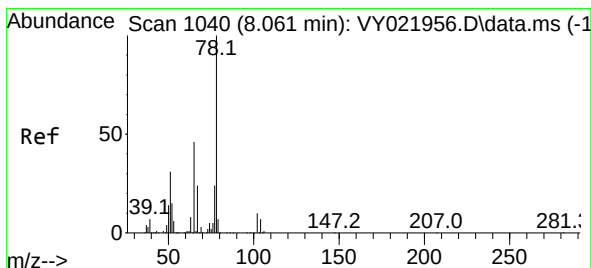
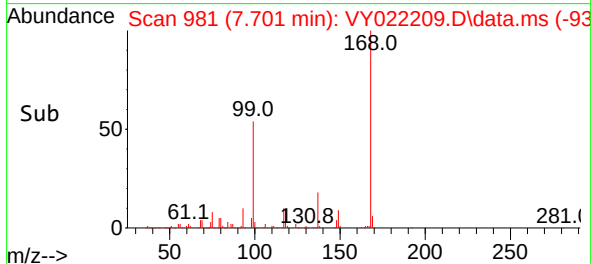
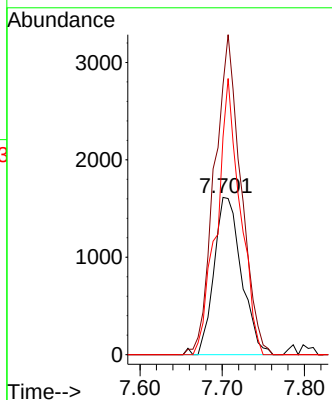
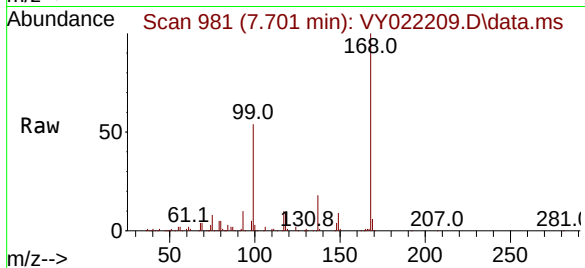




#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022209.D
Acq: 12 May 2025 08:57

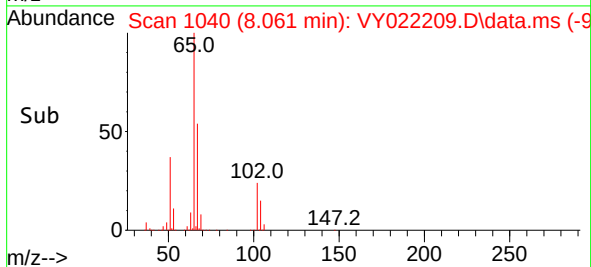
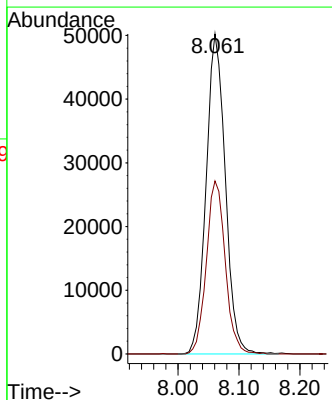
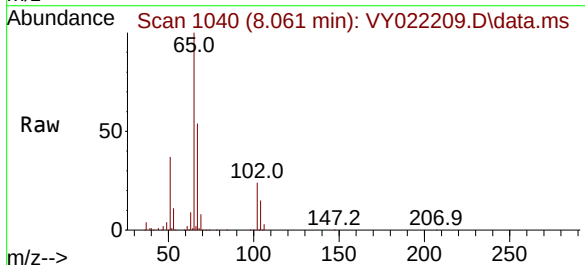
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBL01

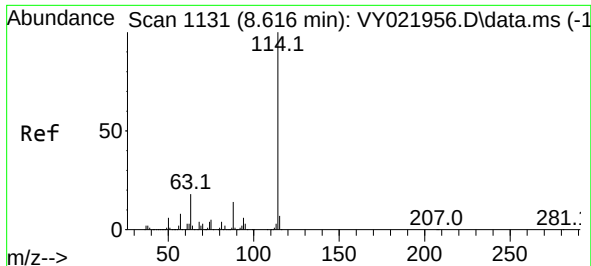
Tgt Ion: 56 Resp: 3752
Ion Ratio Lower Upper
56 100
69 171.4 29.4 44.2#
84 138.2 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 61.300 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022209.D
Acq: 12 May 2025 08:57

Tgt Ion: 65 Resp: 109786
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.8

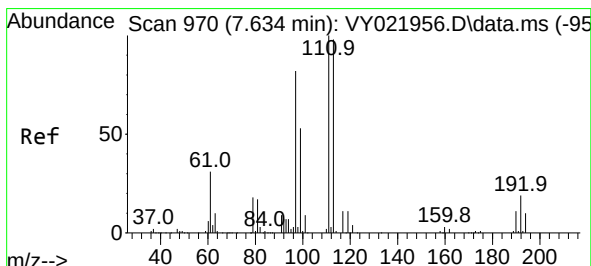
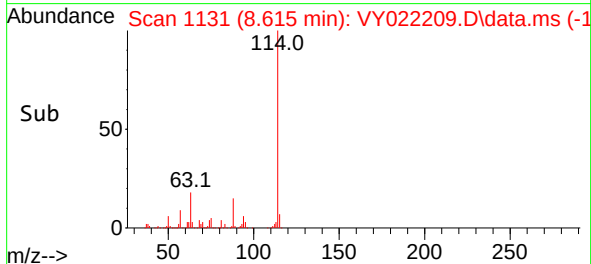
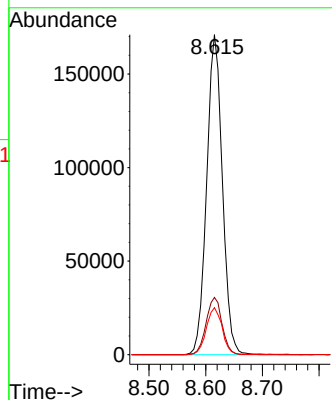
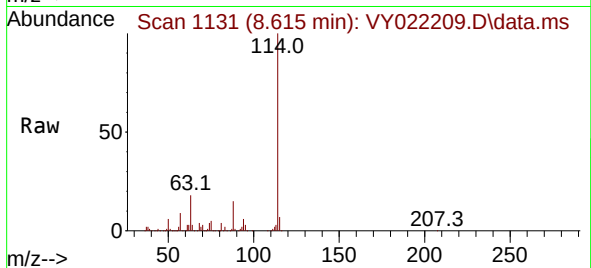




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022209.D
Acq: 12 May 2025 08:57

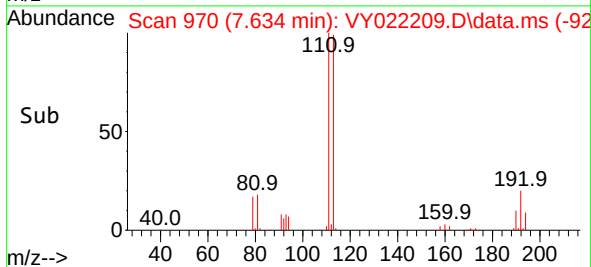
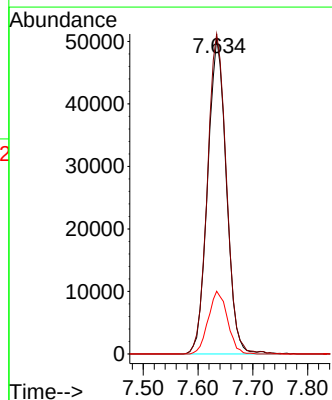
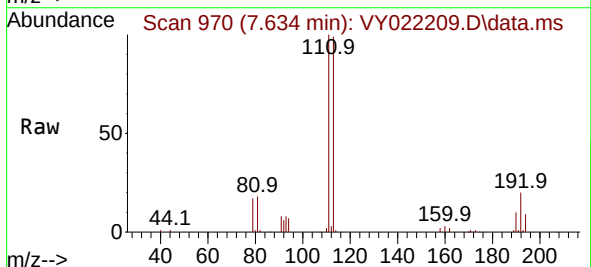
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBL01

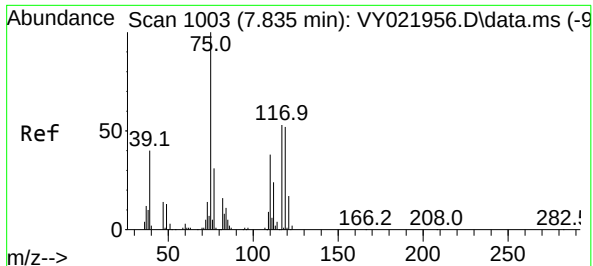
Tgt Ion:114 Resp: 329289
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.4
88 14.7 0.0 28.2



#35
Dibromofluoromethane
Concen: 54.905 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022209.D
Acq: 12 May 2025 08:57

Tgt Ion:113 Resp: 119443
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 20.4 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.986 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY022209.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBL01

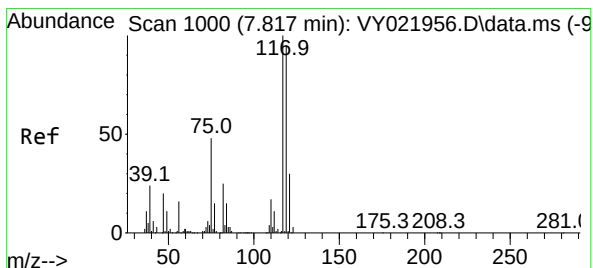
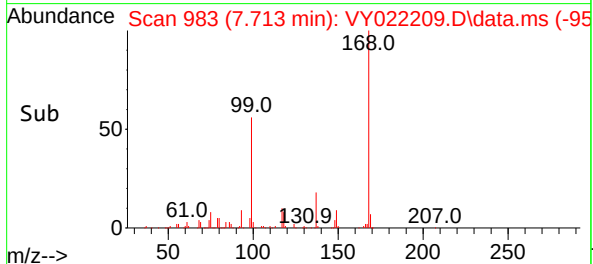
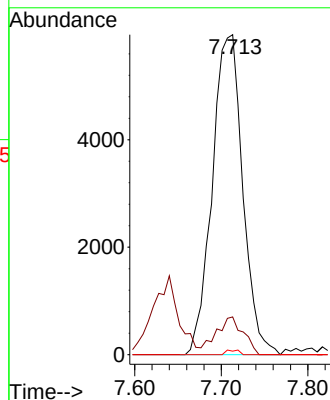
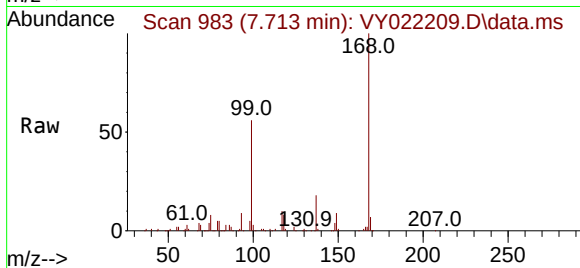
Tgt Ion: 75 Resp: 14570

Ion Ratio Lower Upper

75 100

110 10.4 19.1 57.3#

77 0.6 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 5.436 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY022209.D

Acq: 12 May 2025 08:57

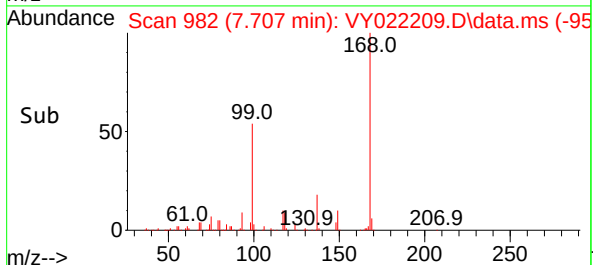
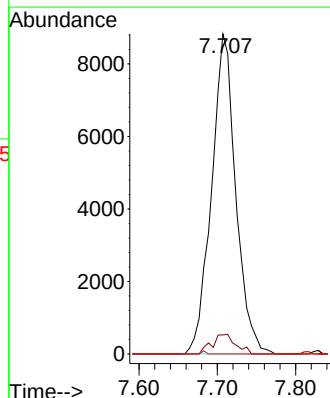
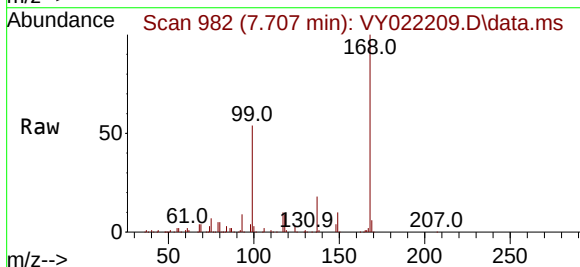
Tgt Ion: 117 Resp: 18983

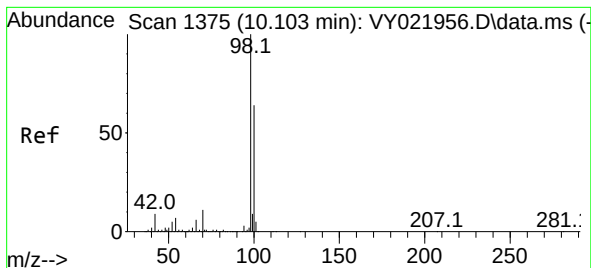
Ion Ratio Lower Upper

117 100

119 6.0 76.2 114.4#

121 0.0 24.0 36.0#

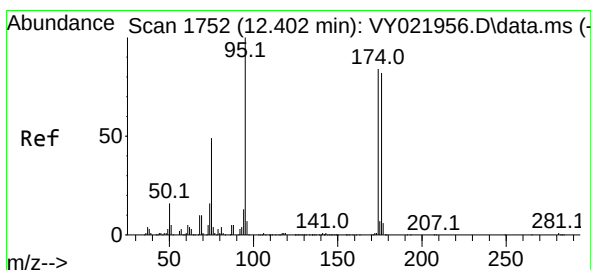
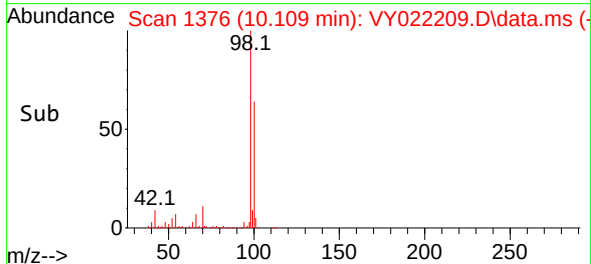
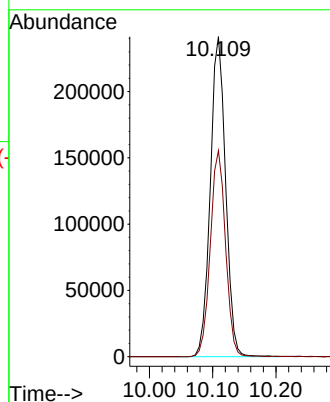
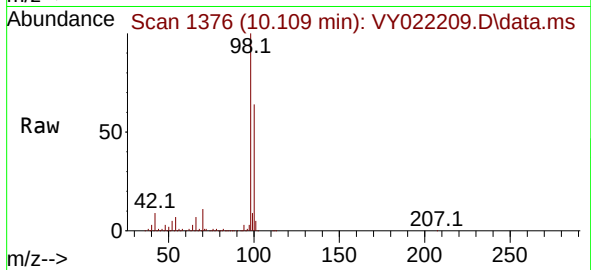




#50
Toluene-d8
Concen: 49.510 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022209.D
Acq: 12 May 2025 08:57

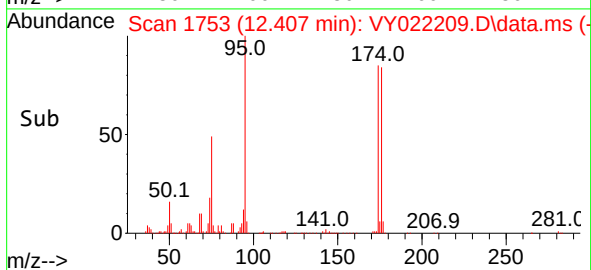
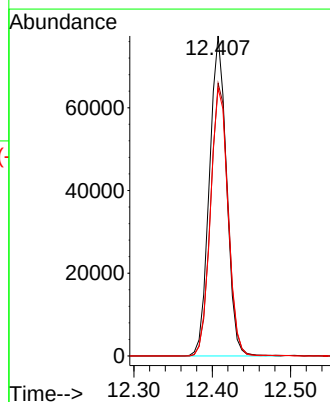
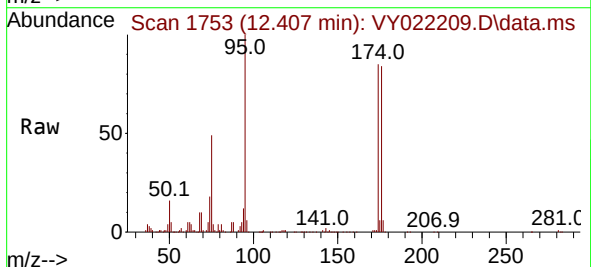
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBL01

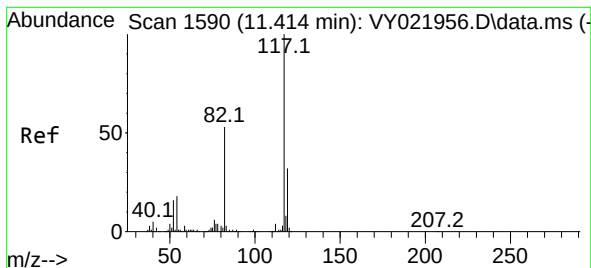
Tgt Ion: 98 Resp: 406054
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.438 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022209.D
Acq: 12 May 2025 08:57

Tgt Ion: 95 Resp: 117168
Ion Ratio Lower Upper
95 100
174 87.3 0.0 179.0
176 85.8 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: VY022209.D

Acq: 12 May 2025 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBL01

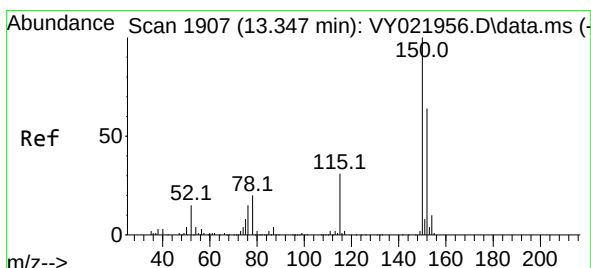
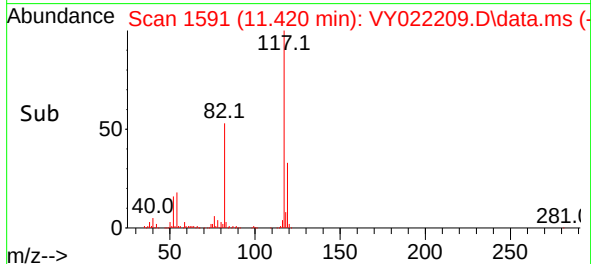
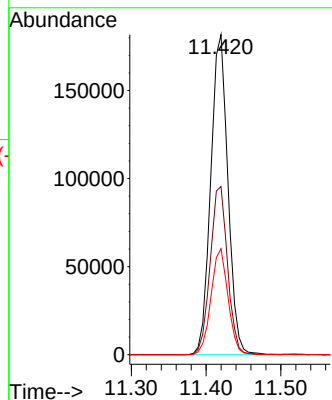
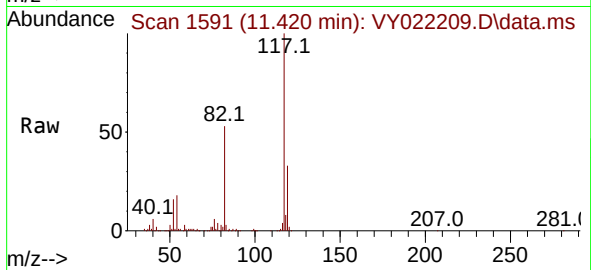
Tgt Ion:117 Resp: 290502

Ion Ratio Lower Upper

117 100

82 52.6 42.1 63.1

119 33.2 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: VY022209.D

Acq: 12 May 2025 08:57

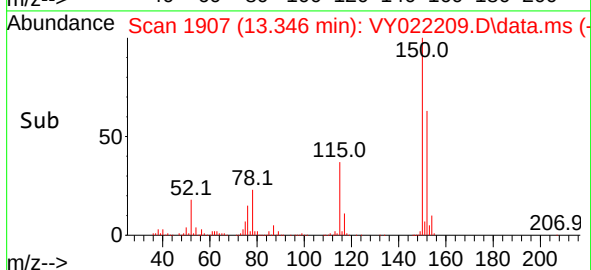
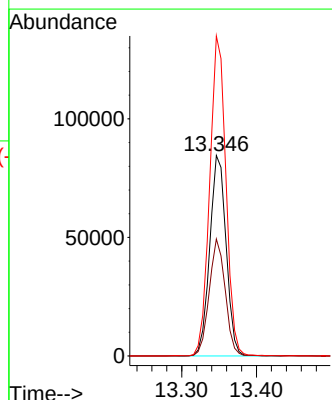
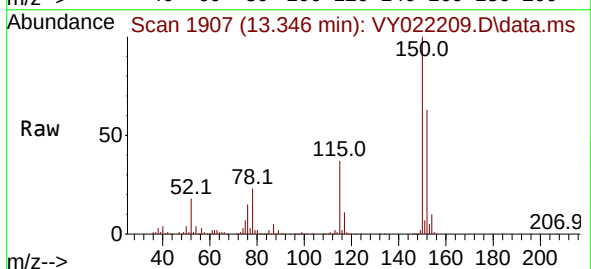
Tgt Ion:152 Resp: 128920

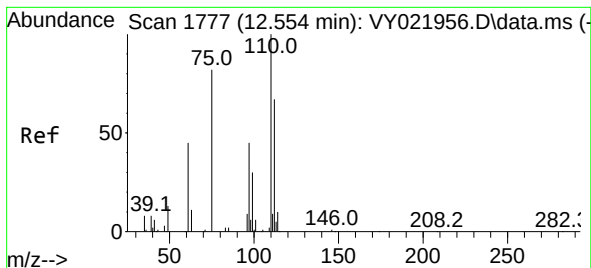
Ion Ratio Lower Upper

152 100

115 57.1 28.0 84.0

150 157.7 0.0 345.6

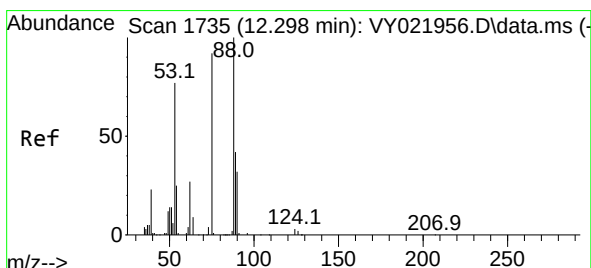
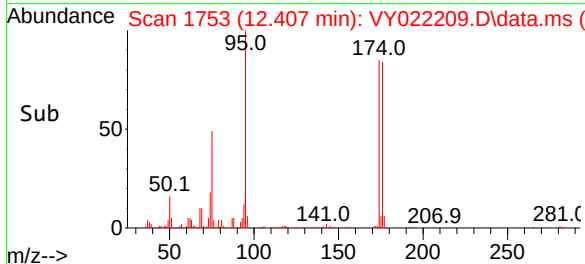
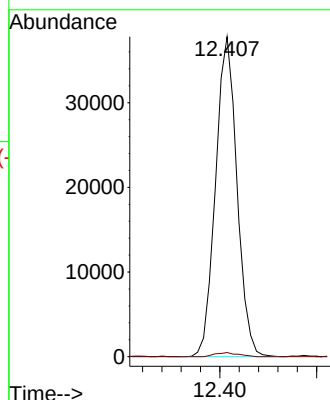
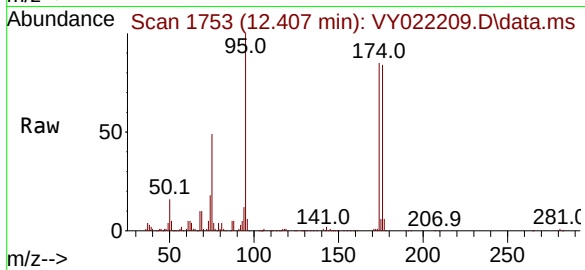




#76
1,2,3-Trichloropropane
Concen: 52.505 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.147 min
Lab File: VY022209.D
Acq: 12 May 2025 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBL01

Tgt Ion: 75 Resp: 57979
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.439 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.110 min
Lab File: VY022209.D
Acq: 12 May 2025 08:57

Tgt Ion: 75 Resp: 57979
Ion Ratio Lower Upper
75 100
53 0.3 66.0 99.0#
89 0.0 37.2 55.8#

