

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
 Data File : VY022557.D
 Acq On : 04 Jun 2025 17:45
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jun 05 04:19:28 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)

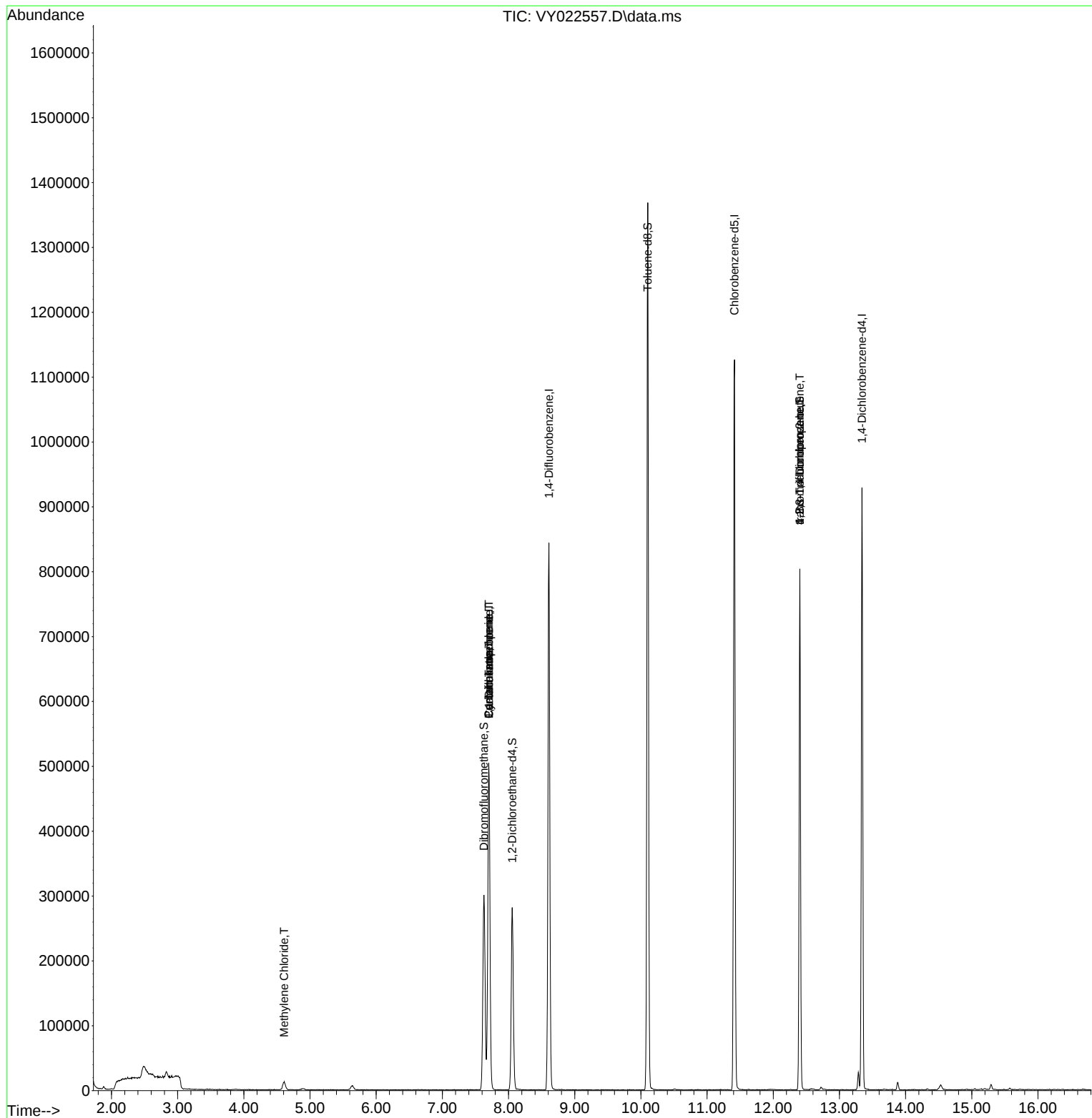
Internal Standards						
1) Pentafluorobenzene	7.701	168	370158	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	676276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	551141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	208389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	205626	49.668	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.340%			
35) Dibromofluoromethane	7.628	113	204231	50.595	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.200%			
50) Toluene-d8	10.103	98	825747	50.627	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.260%			
62) 4-Bromofluorobenzene	12.402	95	209589	43.129	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.260%			
Target Compounds						Qvalue
20) Methylene Chloride	4.610	84	8163	1.709	ug/l	94
31) Cyclohexane	7.701	56	10488	1.318	ug/l #	31
36) 1,1-Dichloropropene	7.701	75	33147	5.060	ug/l #	49
38) Carbon Tetrachloride	7.701	117	39432	5.867	ug/l #	17
76) 1,2,3-Trichloropropane	12.402	75	125438	52.616	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	125438	127.063	ug/l #	10

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

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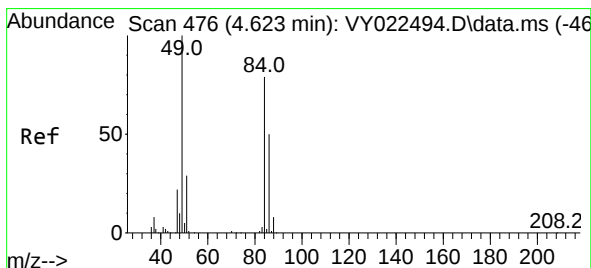
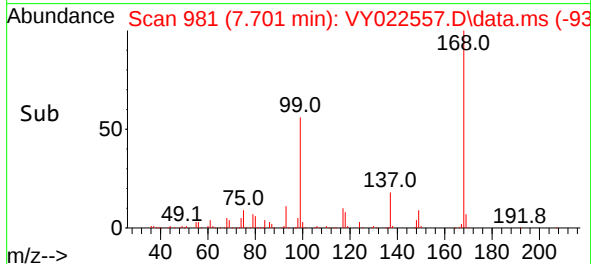
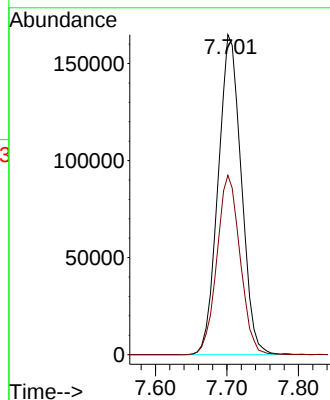
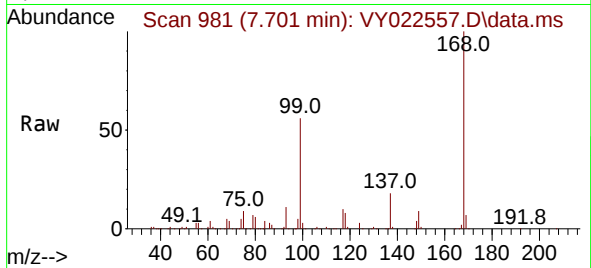




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022557.D
Acq: 04 Jun 2025 17:45

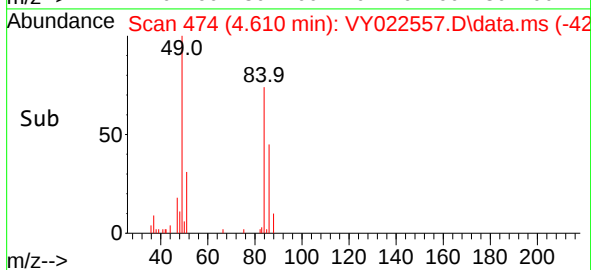
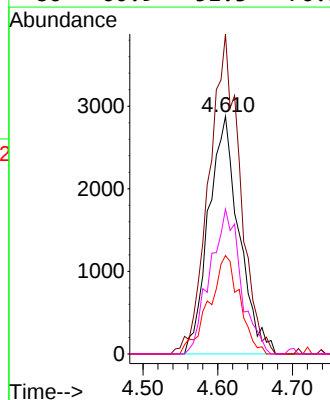
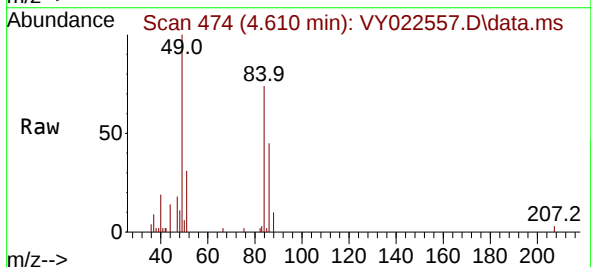
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

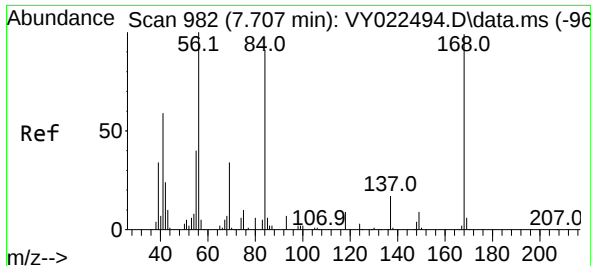
Tgt Ion:168 Resp: 370158
Ion Ratio Lower Upper
168 100
99 56.1 44.3 66.5



#20
Methylene Chloride
Concen: 1.709 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022557.D
Acq: 04 Jun 2025 17:45

Tgt Ion: 84 Resp: 8163
Ion Ratio Lower Upper
84 100
49 134.7 101.9 152.9
51 41.4 29.8 44.8
86 60.9 51.3 76.9

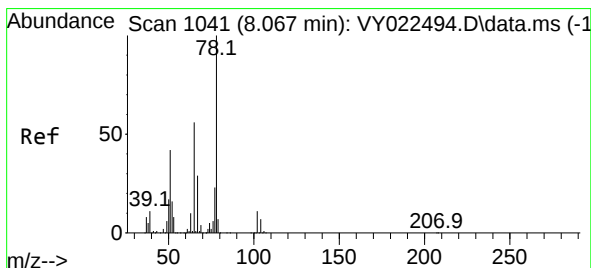
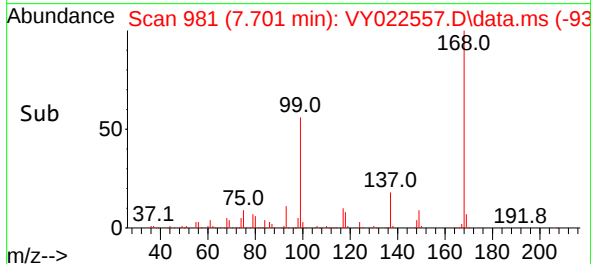
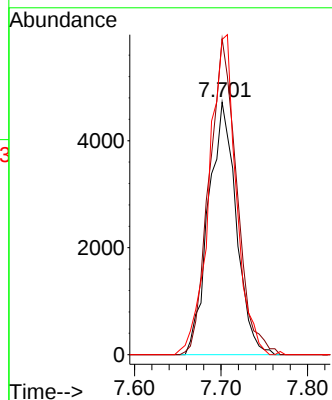
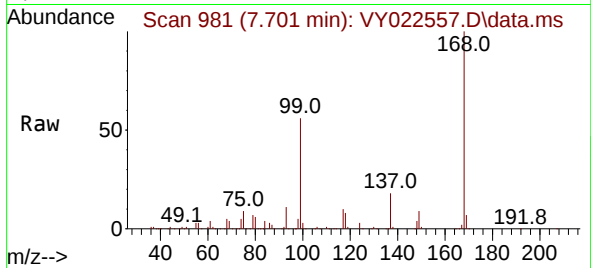




#31
Cyclohexane
Concen: 1.318 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022557.D
Acq: 04 Jun 2025 17:45

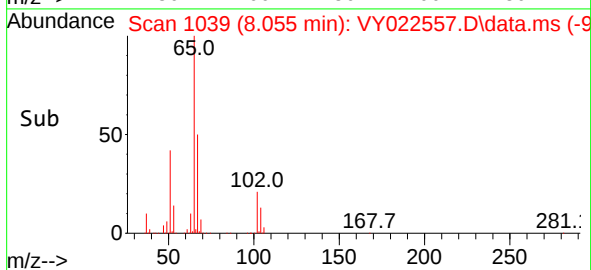
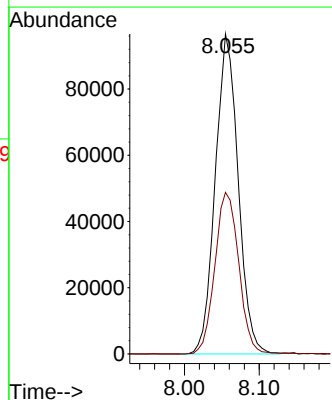
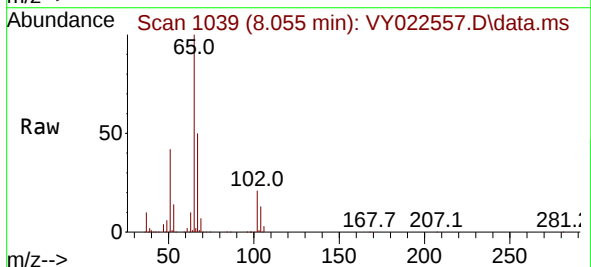
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 56 Resp: 10488
Ion Ratio Lower Upper
56 100
69 125.1 27.0 40.6#
84 123.6 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 49.668 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY022557.D
Acq: 04 Jun 2025 17:45

Tgt Ion: 65 Resp: 205626
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY022557.D

Acq: 04 Jun 2025 17:45

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

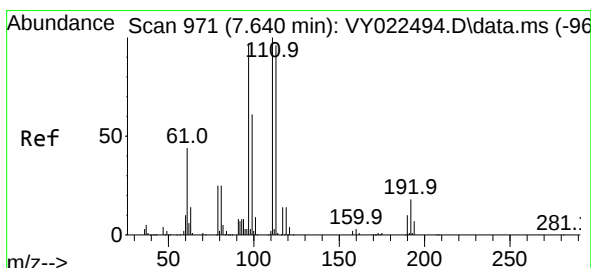
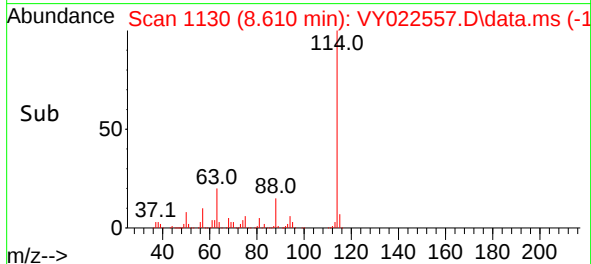
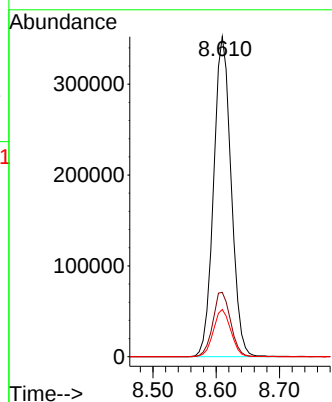
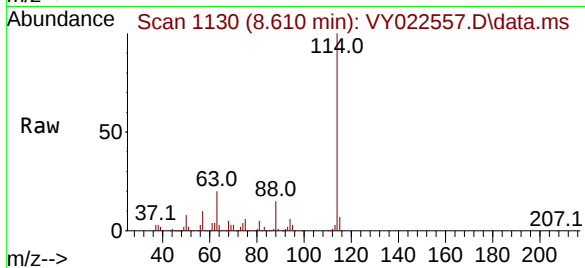
Tgt Ion:114 Resp: 676276

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 14.8 0.0 27.8



#35

Dibromofluoromethane

Concen: 50.595 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.012 min

Lab File: VY022557.D

Acq: 04 Jun 2025 17:45

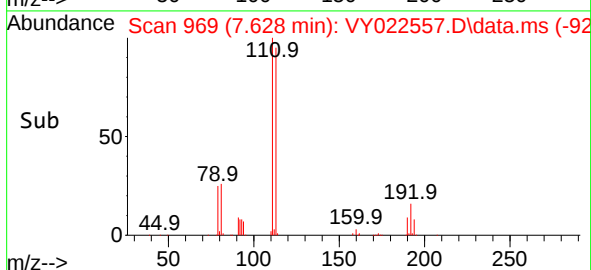
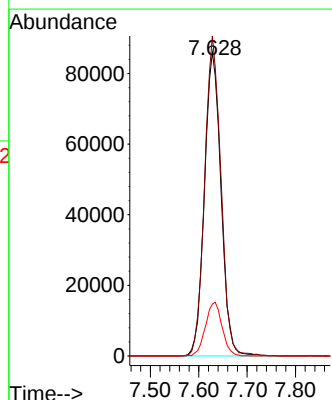
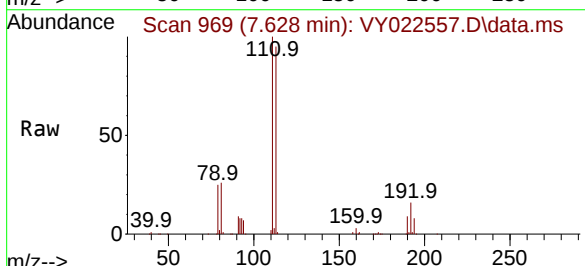
Tgt Ion:113 Resp: 204231

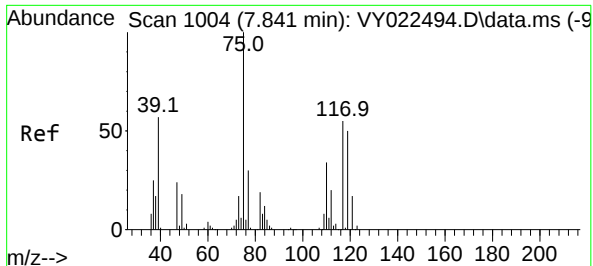
Ion Ratio Lower Upper

113 100

111 103.6 81.1 121.7

192 17.8 14.2 21.2

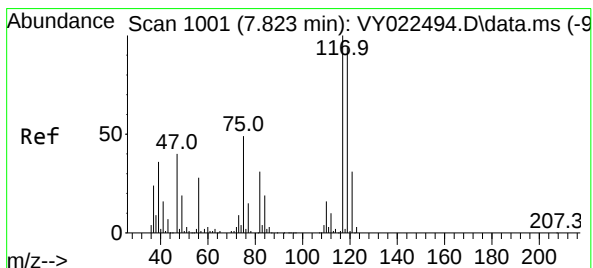
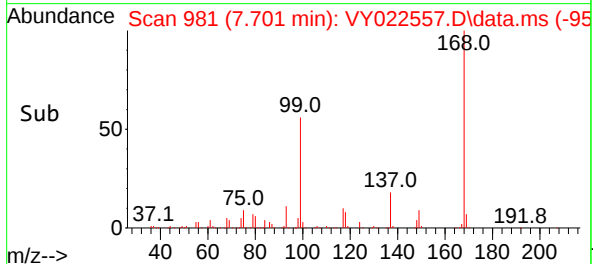
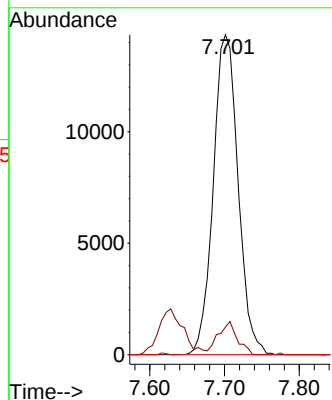
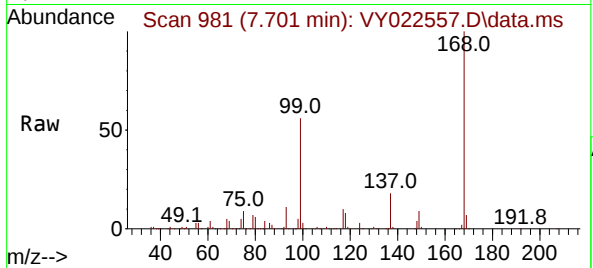




#36
1,1-Dichloropropene
Concen: 5.060 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY022557.D
Acq: 04 Jun 2025 17:45

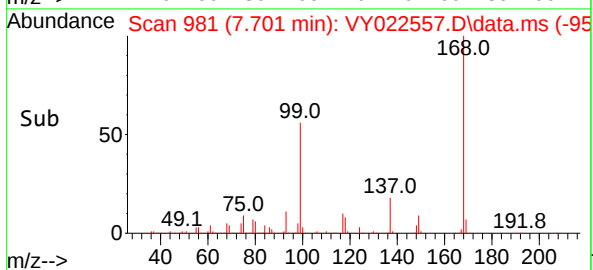
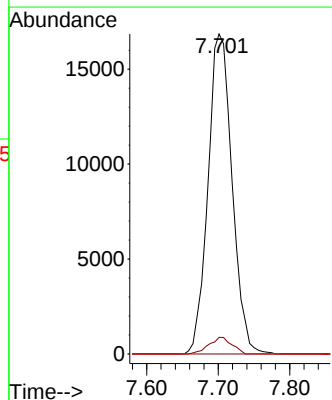
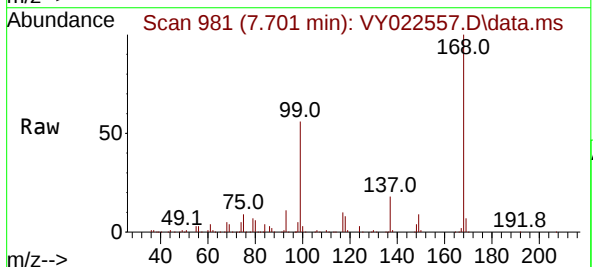
Instrument :
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ClientSampleId :
VIBLK

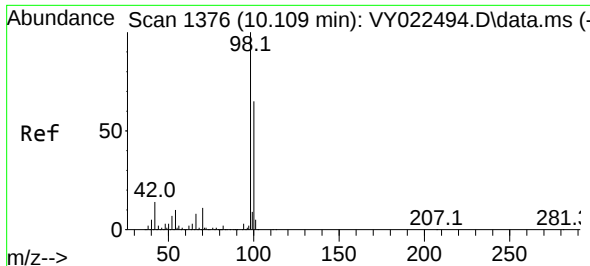
Tgt Ion: 75 Resp: 33147
Ion Ratio Lower Upper
75 100
110 7.9 16.9 50.7#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.867 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY022557.D
Acq: 04 Jun 2025 17:45

Tgt Ion: 117 Resp: 39432
Ion Ratio Lower Upper
117 100
119 5.2 75.0 112.6#
121 0.0 25.0 37.4#

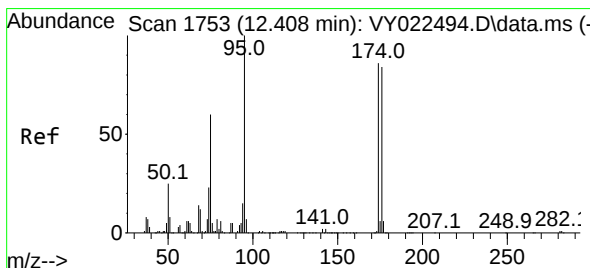
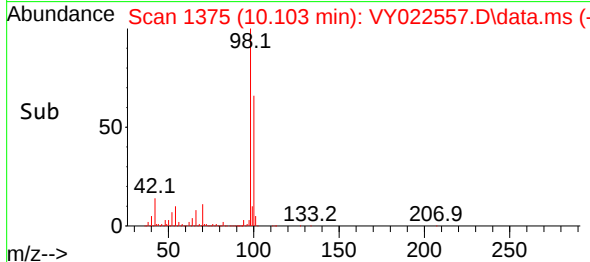
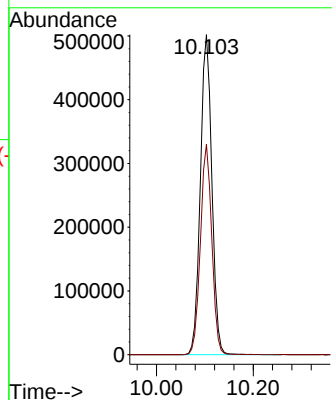
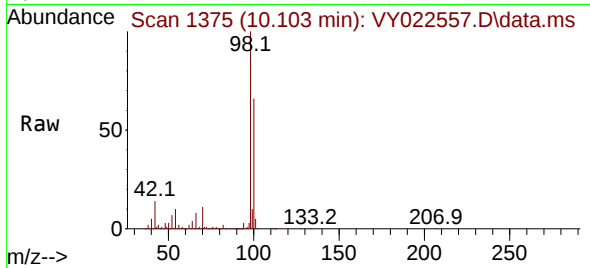




#50
Toluene-d8
Concen: 50.627 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022557.D
Acq: 04 Jun 2025 17:45

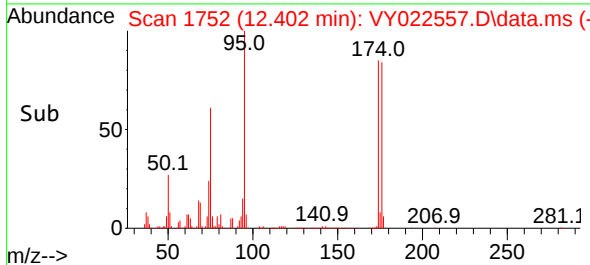
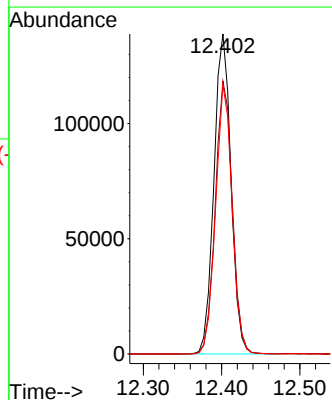
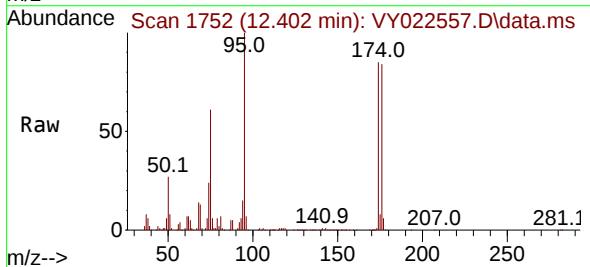
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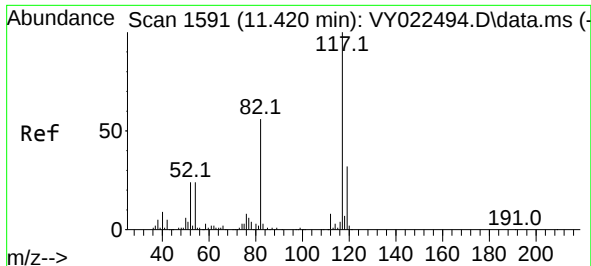
Tgt Ion: 98 Resp: 825747
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.129 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022557.D
Acq: 04 Jun 2025 17:45

Tgt Ion: 95 Resp: 209589
Ion Ratio Lower Upper
95 100
174 85.6 0.0 170.0
176 81.7 0.0 166.2

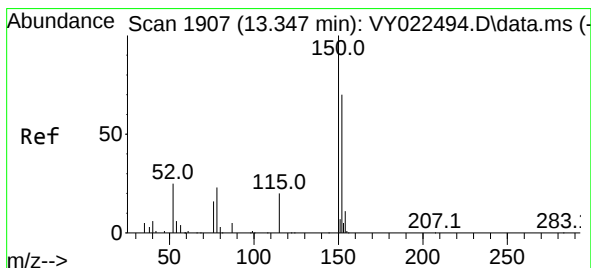
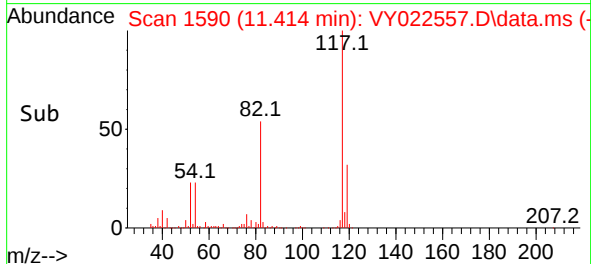
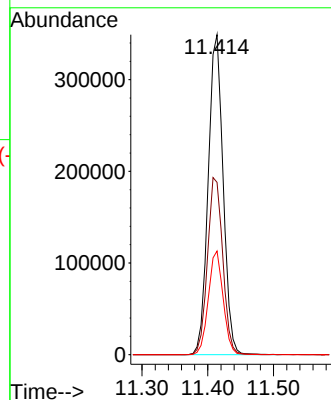
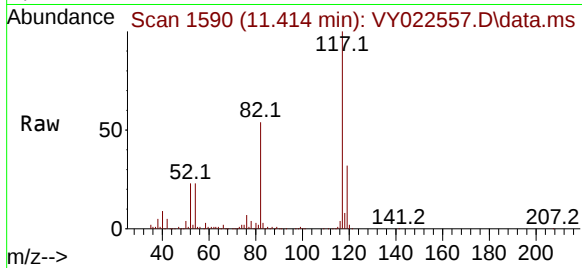




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022557.D
Acq: 04 Jun 2025 17:45

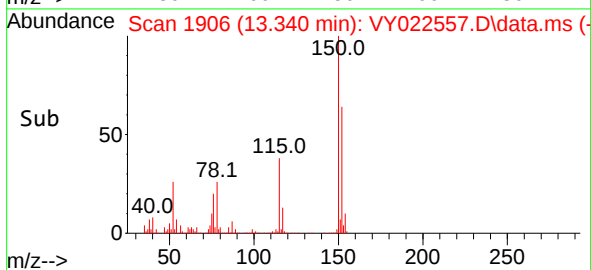
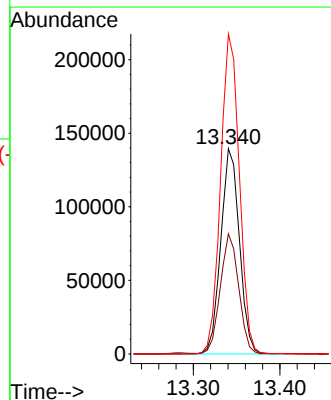
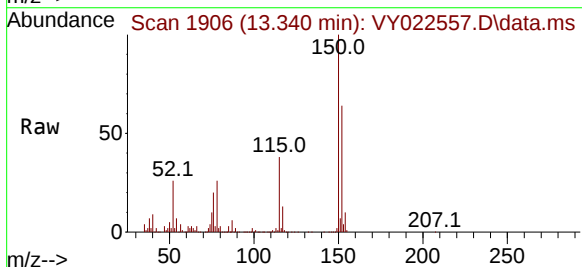
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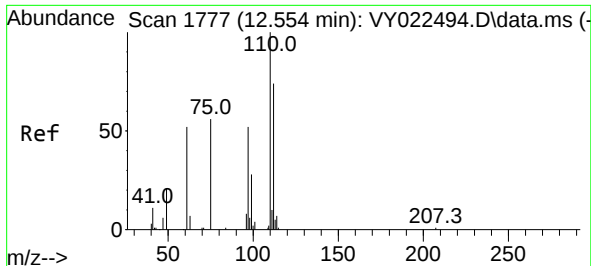
Tgt Ion:117 Resp: 551141
Ion Ratio Lower Upper
117 100
82 53.9 44.6 66.8
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022557.D
Acq: 04 Jun 2025 17:45

Tgt Ion:152 Resp: 208389
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 157.0 0.0 349.6

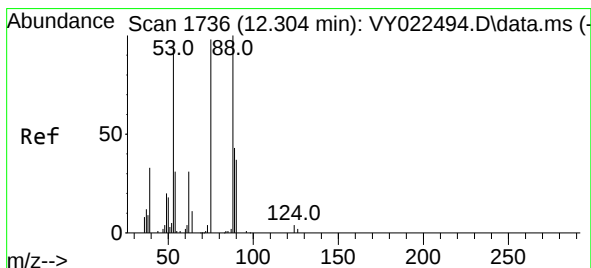
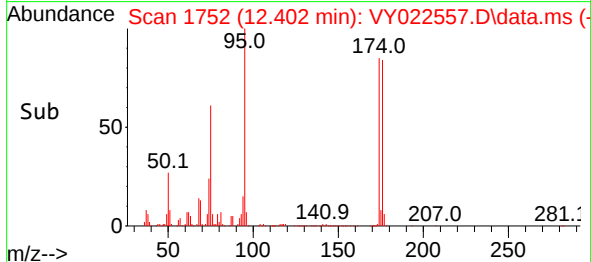
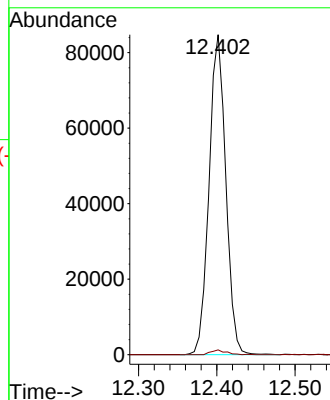
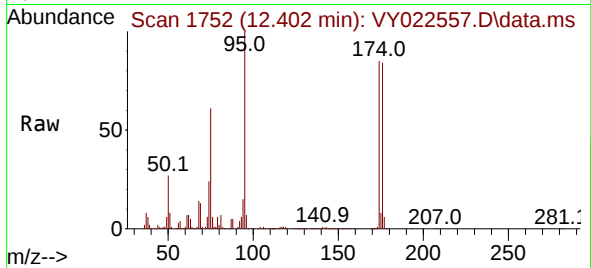




#76
1,2,3-Trichloropropane
Concen: 52.616 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY022557.D
Acq: 04 Jun 2025 17:45

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 125438
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.063 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY022557.D
Acq: 04 Jun 2025 17:45

Tgt Ion: 75 Resp: 125438
Ion Ratio Lower Upper
75 100
53 0.1 78.5 117.7#
89 0.0 35.7 53.5#

