

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081525\
 Data File : VY023134.D
 Acq On : 15 Aug 2025 18:43
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 18 02:33:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

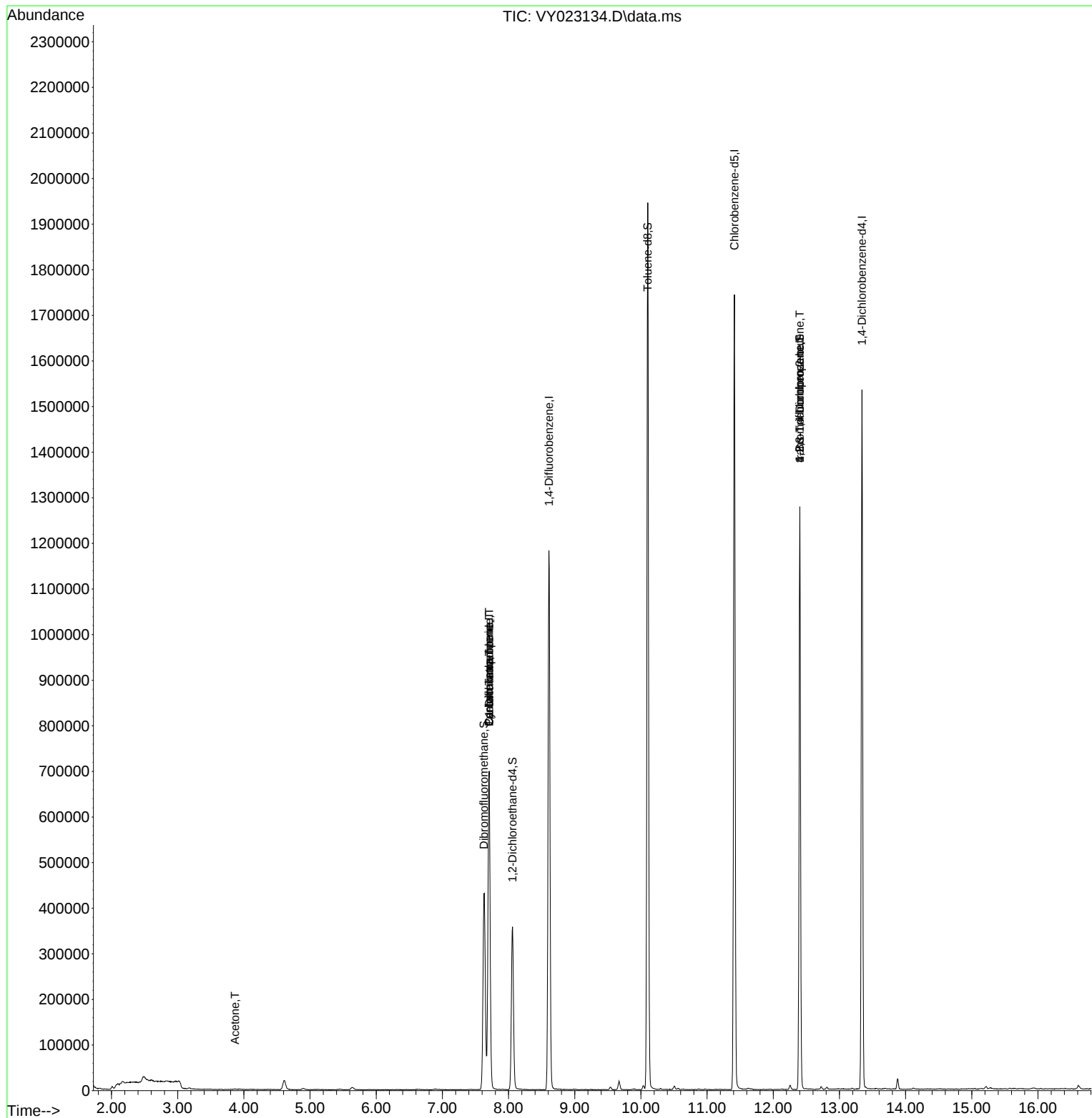
Internal Standards						
1) Pentafluorobenzene	7.707	168	543809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	1021282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	907494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	370192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	285460	55.078	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.160%	
35) Dibromofluoromethane	7.628	113	314306	51.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.860%	
50) Toluene-d8	10.103	98	1246667	52.220	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.440%	
62) 4-Bromofluorobenzene	12.401	95	364399	47.463	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.920%	
Target Compounds						Qvalue
16) Acetone	3.866	43	1668	1.486	ug/l	93
20) Methylene Chloride	4.610	84	15228	Below Cal		91
31) Cyclohexane	7.707	56	11633	1.205	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	43507	4.791	ug/l #	49
38) Carbon Tetrachloride	7.707	117	54947	5.570	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	195021	54.586	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	195021	132.135	ug/l #	14

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

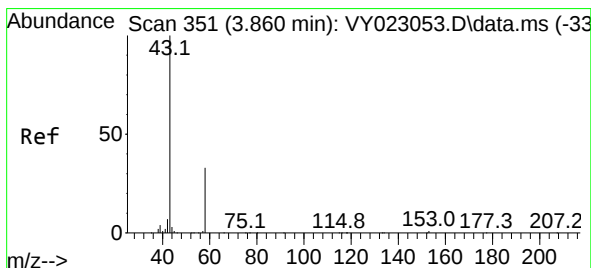
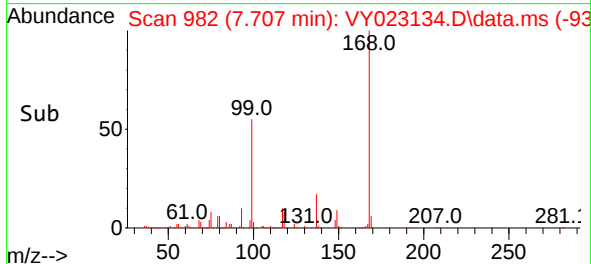
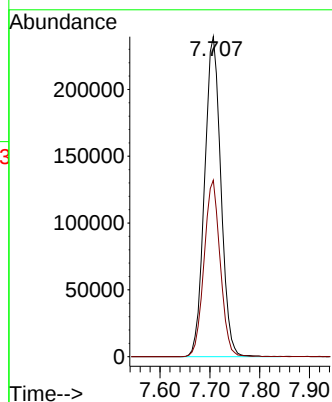
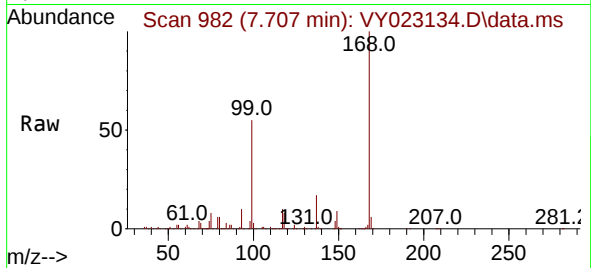




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023134.D
Acq: 15 Aug 2025 18:43

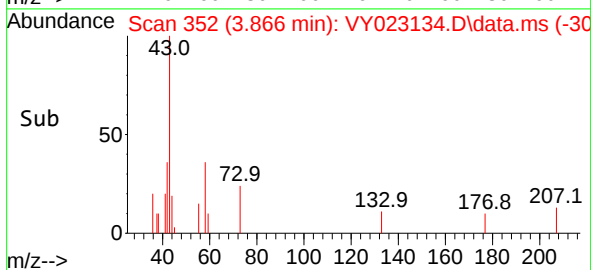
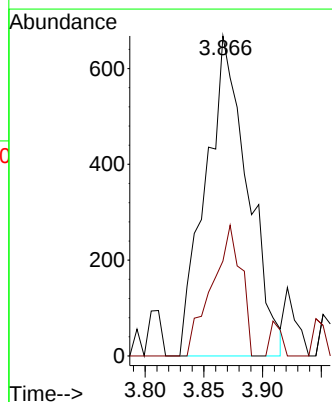
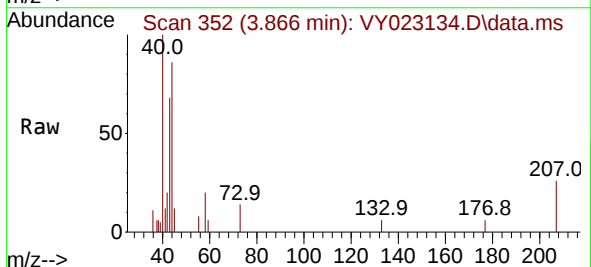
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

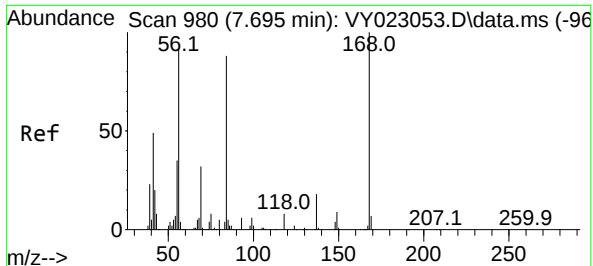
Tgt Ion:168 Resp: 543809
Ion Ratio Lower Upper
168 100
99 55.1 42.8 64.2



#16
Acetone
Concen: 1.486 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023134.D
Acq: 15 Aug 2025 18:43

Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
58 29.6 27.1 40.7





#31

Cyclohexane

Concen: 1.205 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY023134.D

Acq: 15 Aug 2025 18:43

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

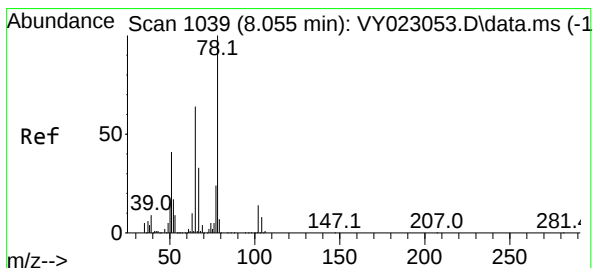
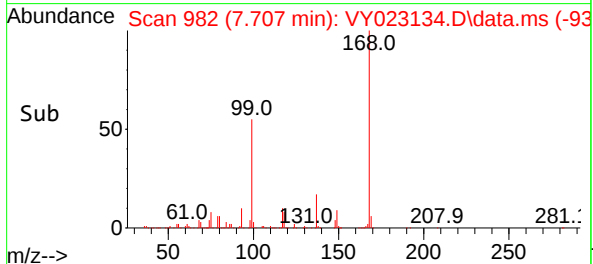
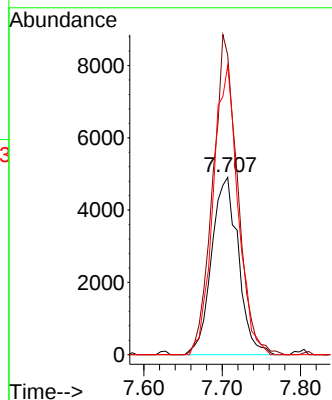
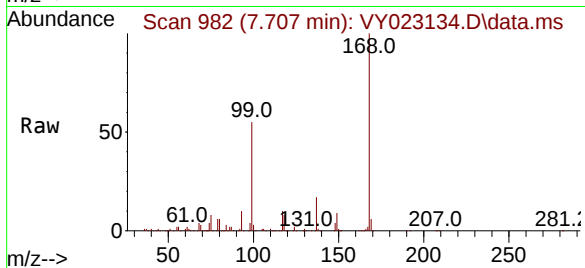
Tgt Ion: 56 Resp: 11633

Ion Ratio Lower Upper

56 100

69 169.0 28.2 42.2#

84 163.2 76.6 114.8#



#33

1,2-Dichloroethane-d4

Concen: 55.078 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023134.D

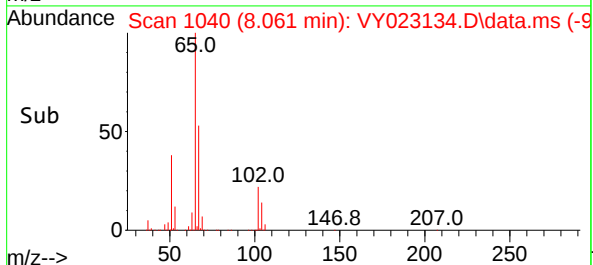
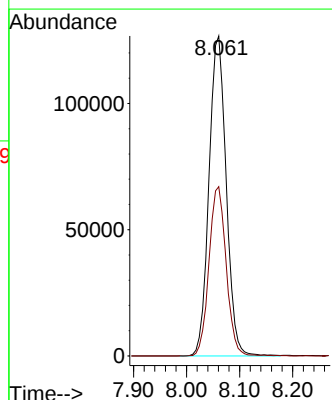
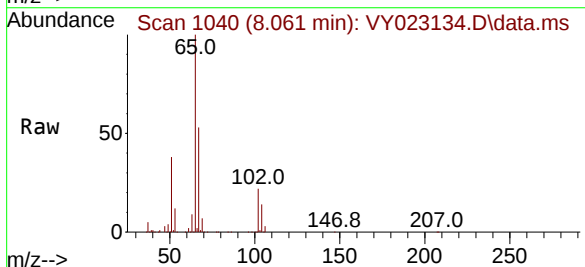
Acq: 15 Aug 2025 18:43

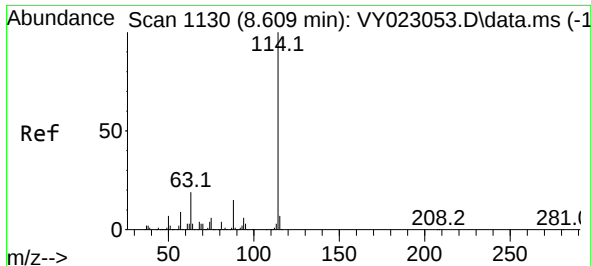
Tgt Ion: 65 Resp: 285460

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.8

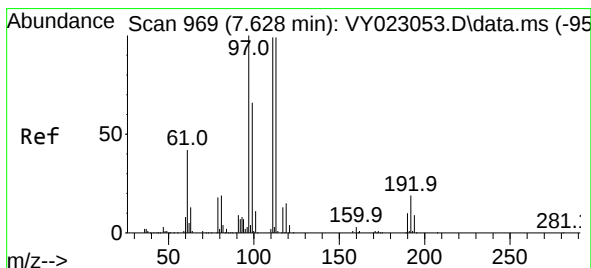
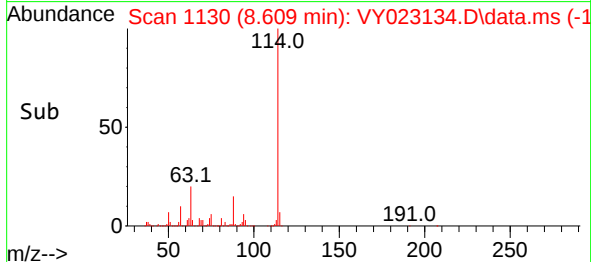
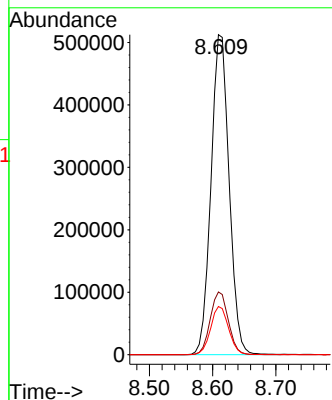
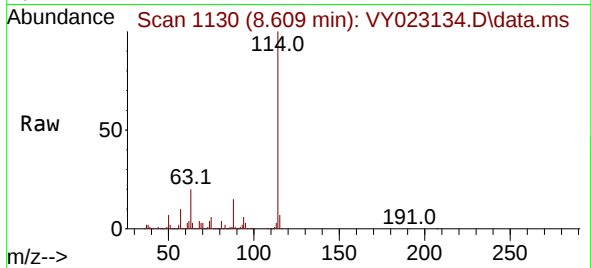




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VY023134.D
Acq: 15 Aug 2025 18:43

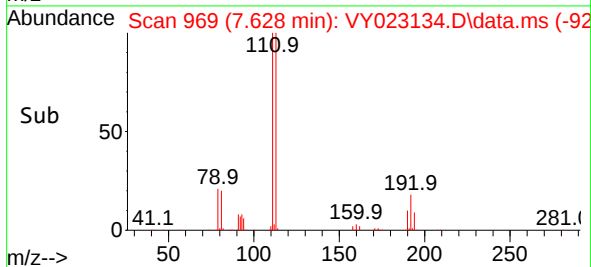
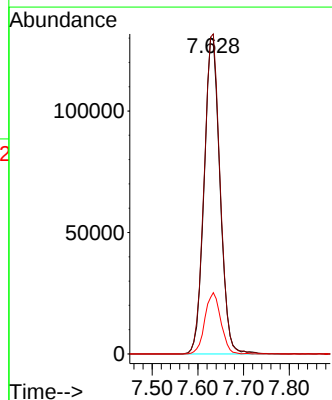
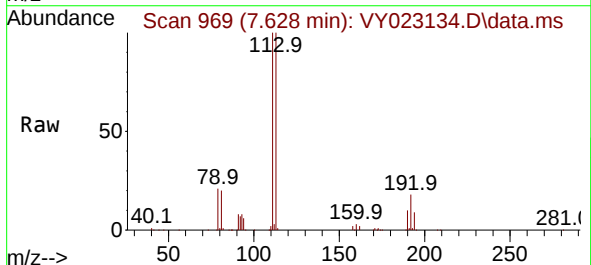
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

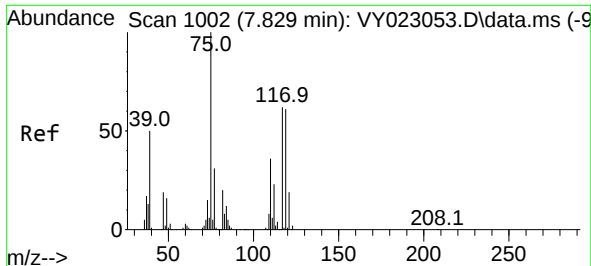
Tgt Ion:114 Resp: 1021282
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.4
88 15.0 0.0 30.0



#35
Dibromofluoromethane
Concen: 51.433 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY023134.D
Acq: 15 Aug 2025 18:43

Tgt Ion:113 Resp: 314306
Ion Ratio Lower Upper
113 100
111 101.8 81.1 121.7
192 19.4 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.791 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY023134.D

Acq: 15 Aug 2025 18:43

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

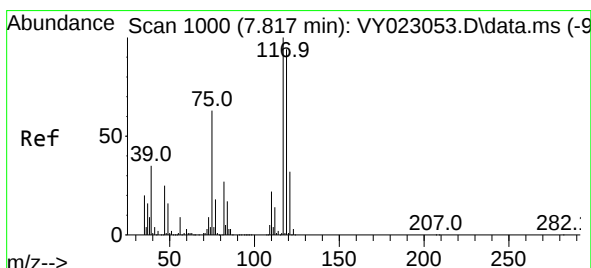
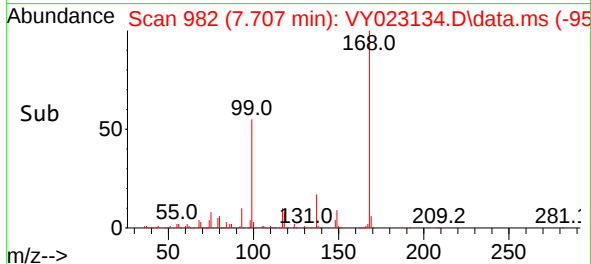
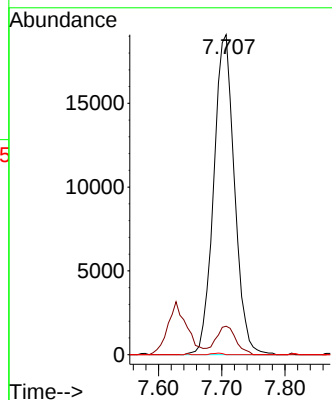
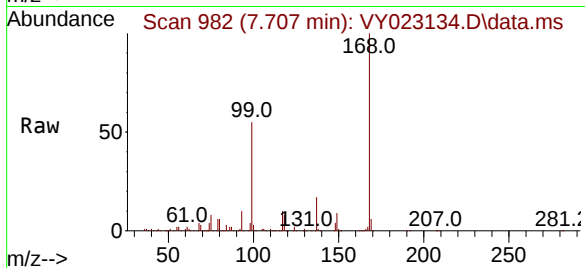
Tgt Ion: 75 Resp: 43507

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

77 0.2 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.570 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY023134.D

Acq: 15 Aug 2025 18:43

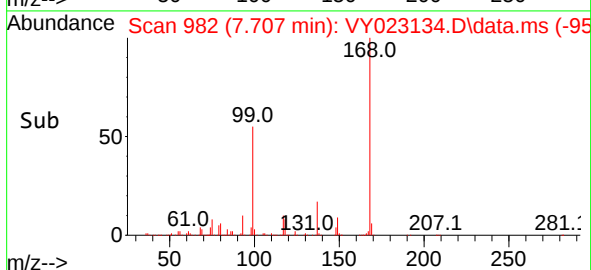
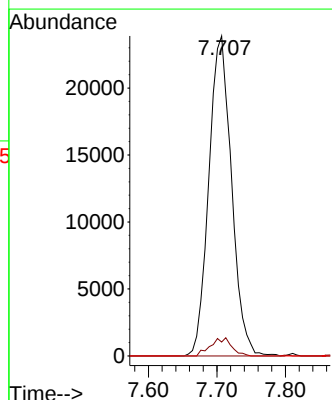
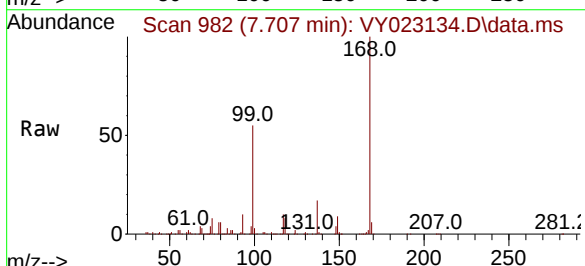
Tgt Ion: 117 Resp: 54947

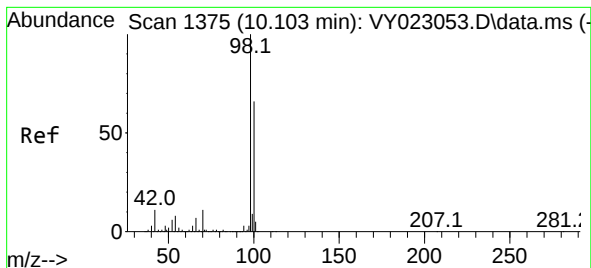
Ion Ratio Lower Upper

117 100

119 4.4 75.6 113.4#

121 0.0 25.8 38.8#

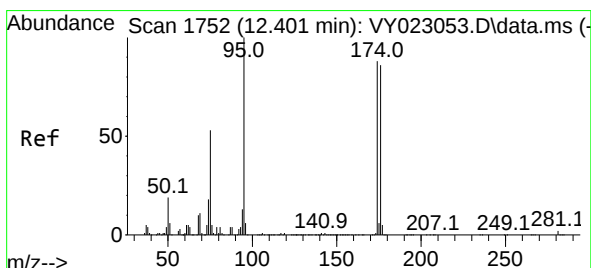
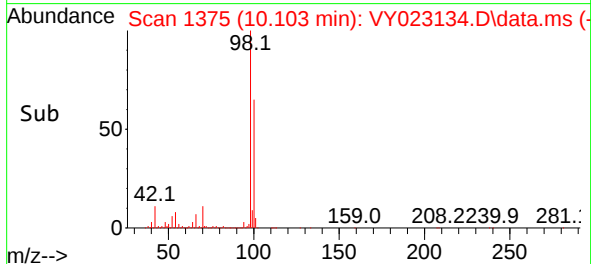
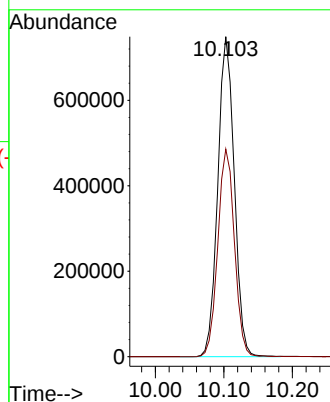
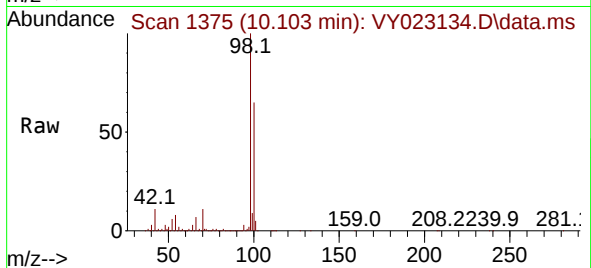




#50
Toluene-d8
Concen: 52.220 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY023134.D
Acq: 15 Aug 2025 18:43

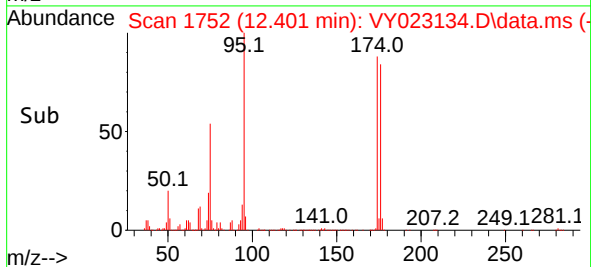
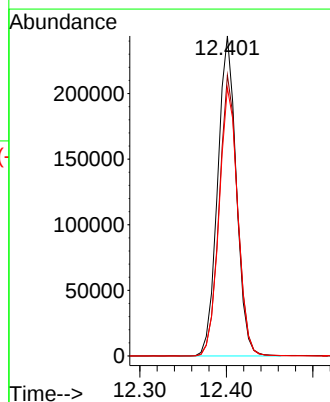
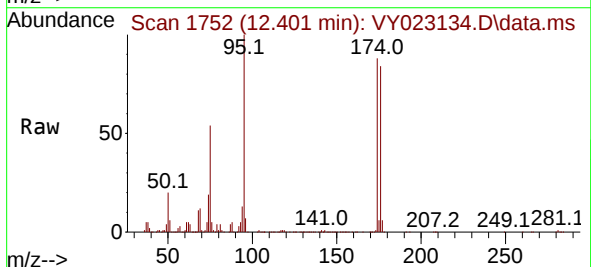
Instrument :
MSVOA_Y
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VIBLK

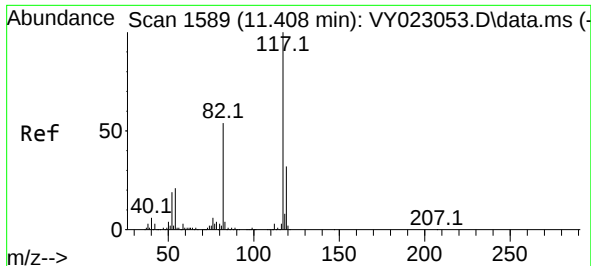
Tgt Ion: 98 Resp: 1246667
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.463 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023134.D
Acq: 15 Aug 2025 18:43

Tgt Ion: 95 Resp: 364399
Ion Ratio Lower Upper
95 100
174 86.6 0.0 171.6
176 83.9 0.0 167.6

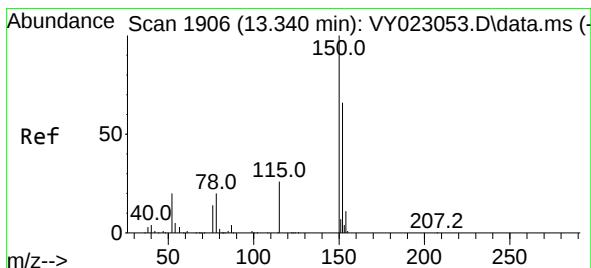
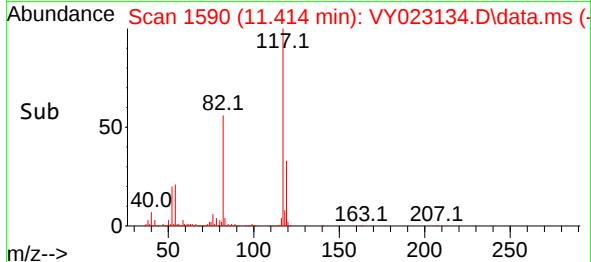
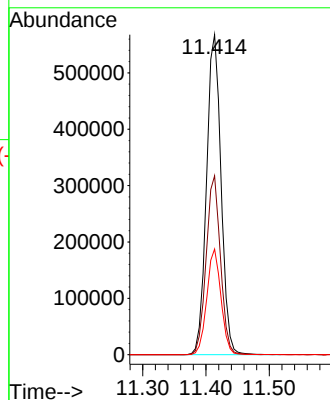
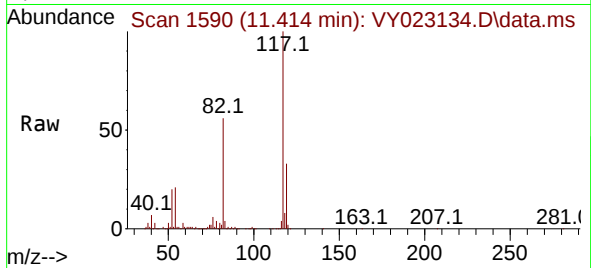




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY023134.D
Acq: 15 Aug 2025 18:43

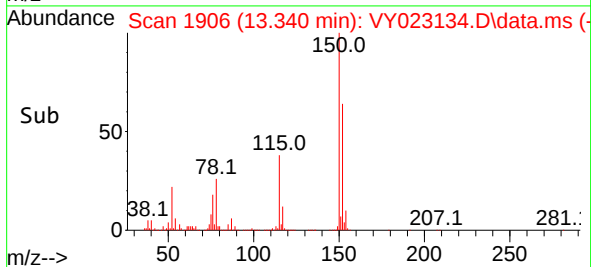
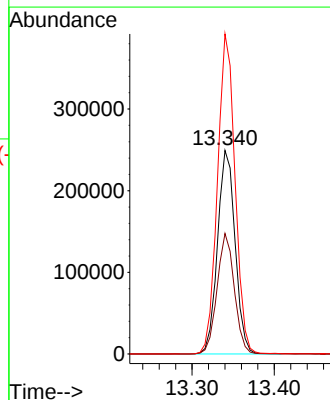
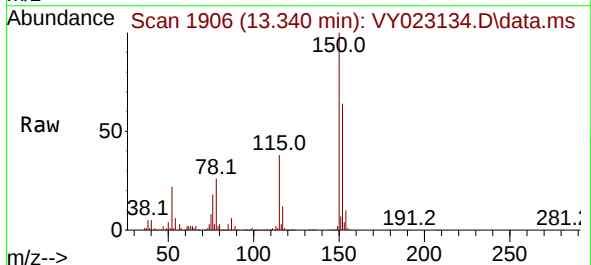
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VIBLK

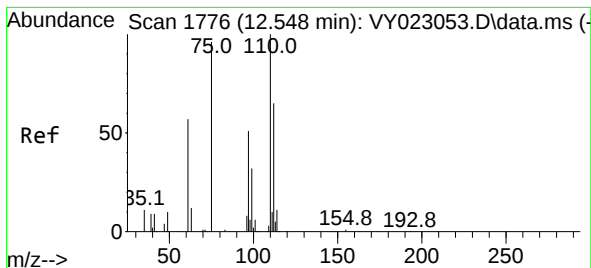
Tgt Ion:117 Resp: 907494
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.0
119 33.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.000 min
Lab File: VY023134.D
Acq: 15 Aug 2025 18:43

Tgt Ion:152 Resp: 370192
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.6
150 157.3 0.0 348.0





#76

1,2,3-Trichloropropane

Concen: 54.586 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.147 min

Lab File: VY023134.D

Acq: 15 Aug 2025 18:43

Instrument :

MSVOA_Y

ClientSampleId :

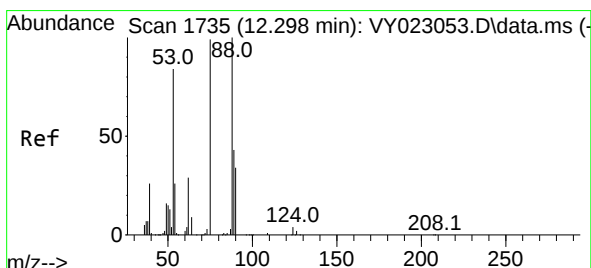
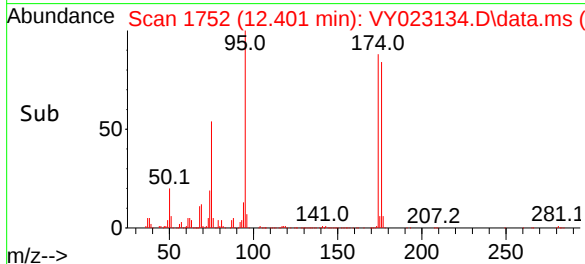
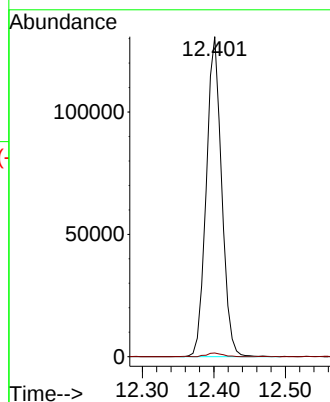
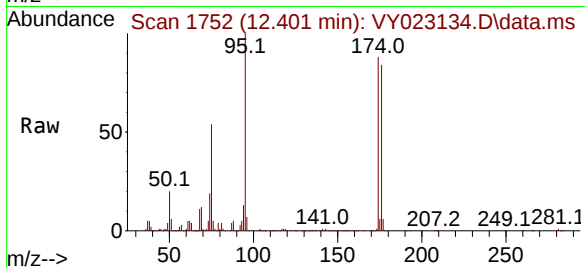
VIBLK

Tgt Ion: 75 Resp: 195021

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 132.135 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.103 min

Lab File: VY023134.D

Acq: 15 Aug 2025 18:43

Tgt Ion: 75 Resp: 195021

Ion Ratio Lower Upper

75 100

53 0.1 70.8 106.2#

89 0.1 38.1 57.1#

