

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
 Data File : VY021168.D
 Acq On : 11 Feb 2025 12:21
 Operator : SY/MD
 Sample : Q1341-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 01:02:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

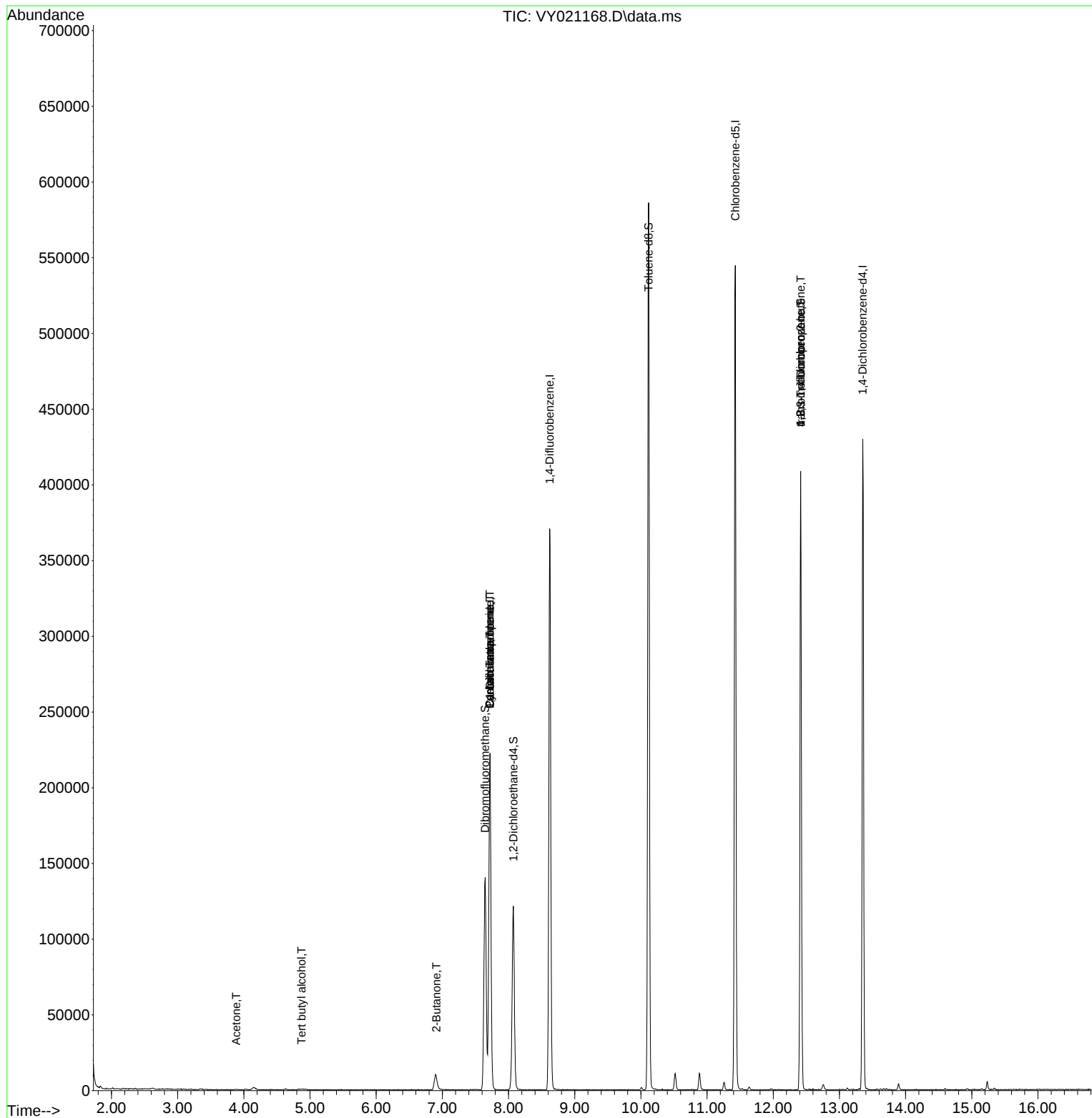
Internal Standards						
1) Pentafluorobenzene	7.719	168	165178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	308086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	282384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	105411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	96494	57.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.040%	
35) Dibromofluoromethane	7.646	113	99236	50.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.520%	
50) Toluene-d8	10.115	98	376382	50.072	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.140%	
62) 4-Bromofluorobenzene	12.414	95	115984	47.231	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	660	5.755	ug/l #	75
16) Acetone	3.885	43	707	2.679	ug/l #	41
25) 2-Butanone	6.908	43	757	1.745	ug/l #	48
31) Cyclohexane	7.719	56	3553	1.231	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	14028	4.797	ug/l #	50
38) Carbon Tetrachloride	7.719	117	16641	4.870	ug/l #	17
76) 1,2,3-Trichloropropane	12.414	75	65621	68.626	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	65621	140.031	ug/l #	12

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

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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

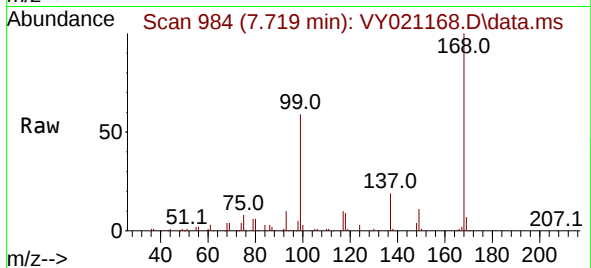
Quant Time: Feb 12 01:02:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration



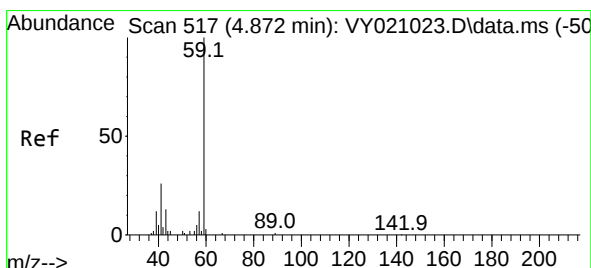
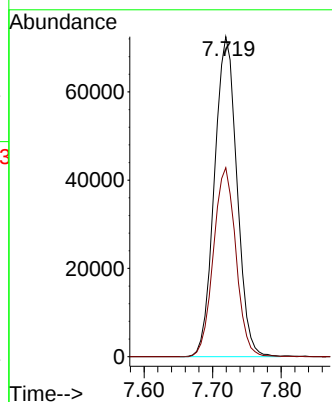
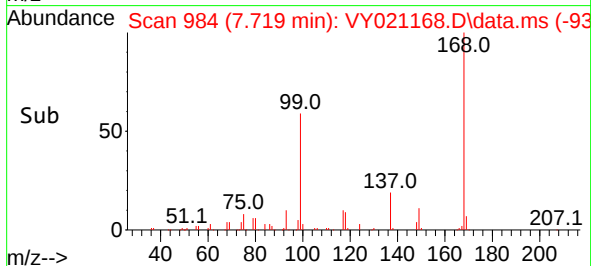


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021168.D
Acq: 11 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :

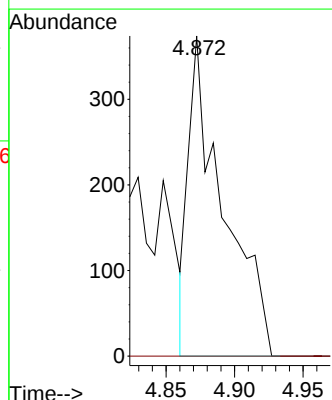
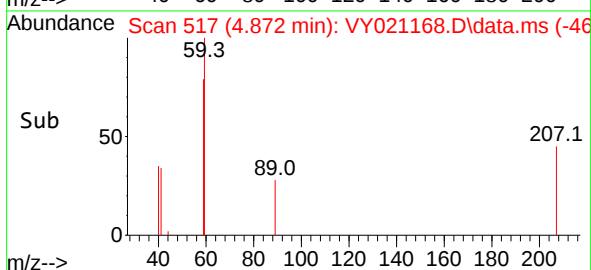
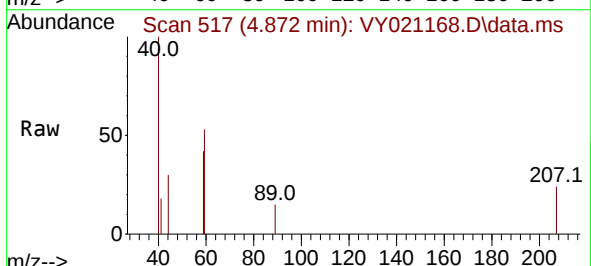


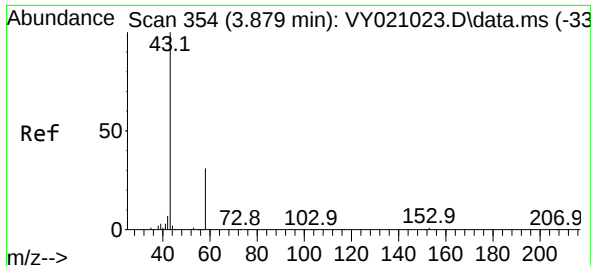
Tgt Ion:168 Resp: 165178
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#11
Tert butyl alcohol
Concen: 5.755 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY021168.D
Acq: 11 Feb 2025 12:21

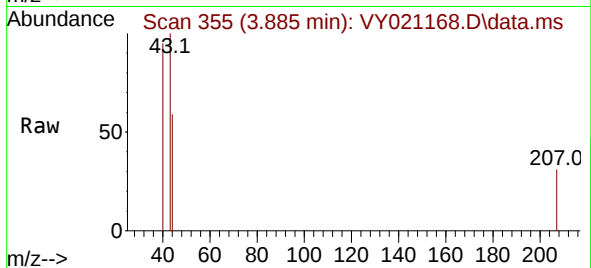
Tgt Ion: 59 Resp: 660
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



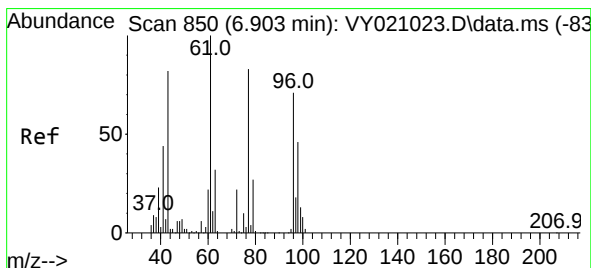
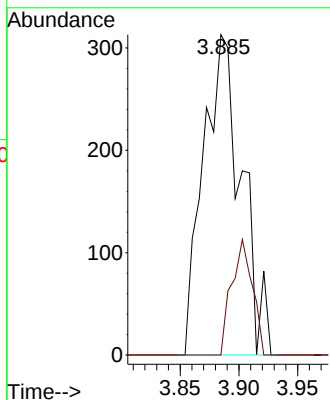
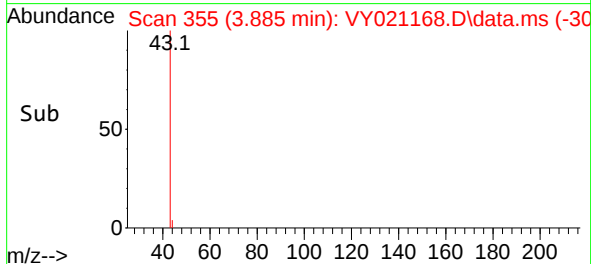


#16
Acetone
Concen: 2.679 ug/l
RT: 3.885 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY021168.D
Acq: 11 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :

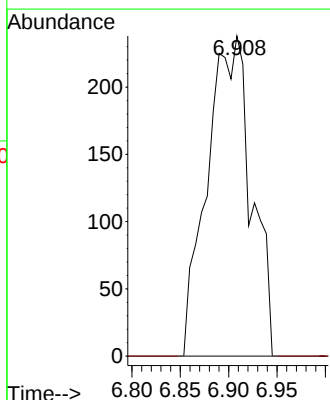
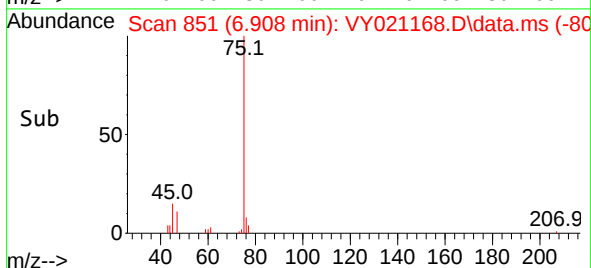
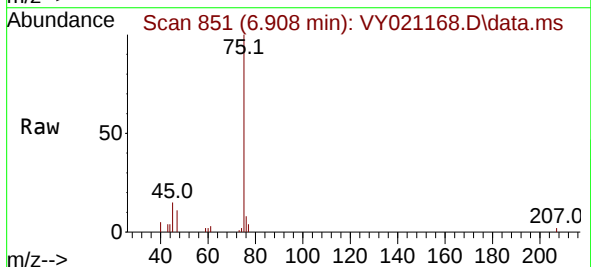


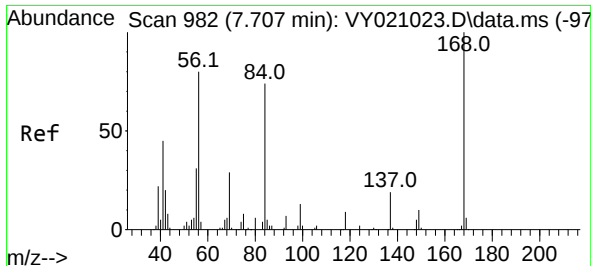
Tgt Ion: 43 Resp: 707
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#25
2-Butanone
Concen: 1.745 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY021168.D
Acq: 11 Feb 2025 12:21

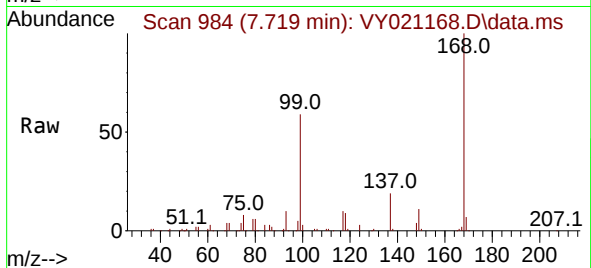
Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



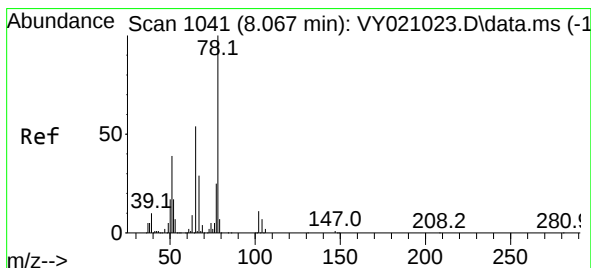
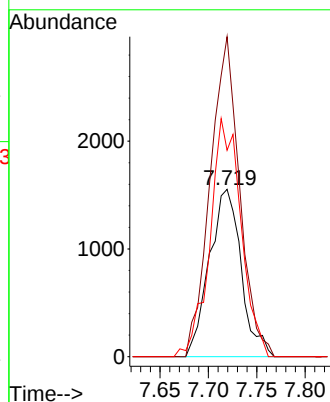
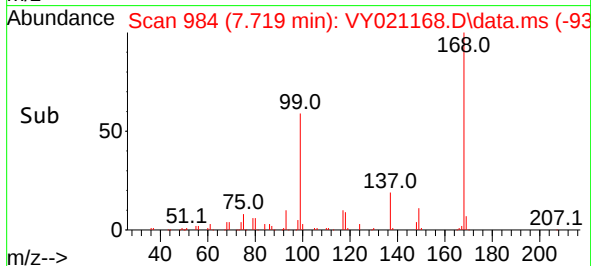


#31
Cyclohexane
Concen: 1.231 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY021168.D
Acq: 11 Feb 2025 12:21

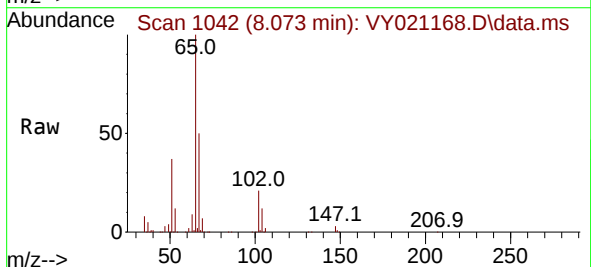
Instrument :
MSVOA_Y
ClientSampleId :



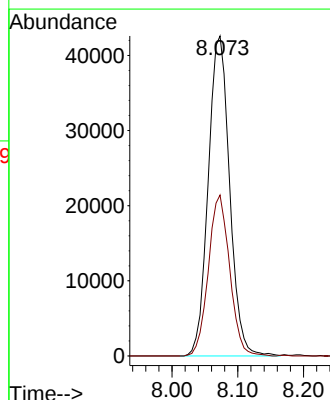
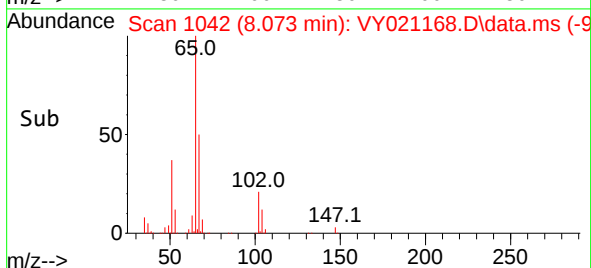
Tgt Ion: 56 Resp: 3553
Ion Ratio Lower Upper
56 100
69 191.2 27.0 40.6#
84 123.4 71.8 107.6#

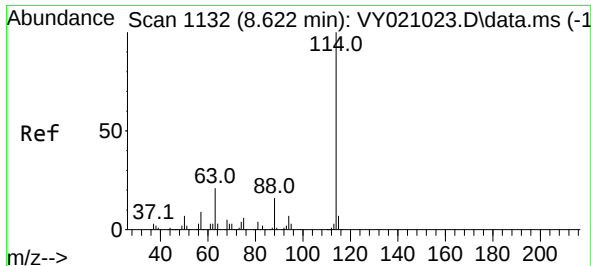


#33
1,2-Dichloroethane-d4
Concen: 57.017 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021168.D
Acq: 11 Feb 2025 12:21



Tgt Ion: 65 Resp: 96494
Ion Ratio Lower Upper
65 100
67 50.0 0.0 109.0

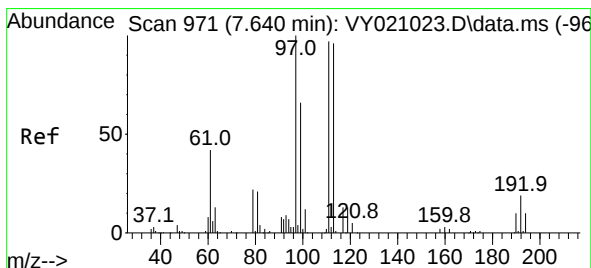
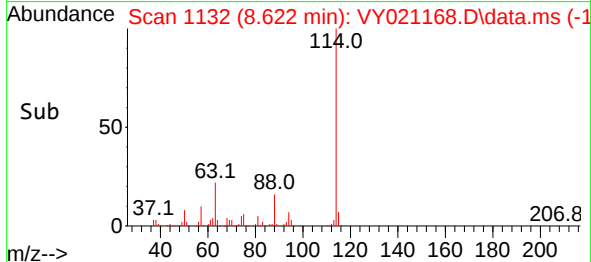
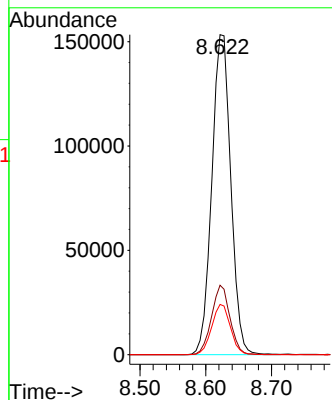
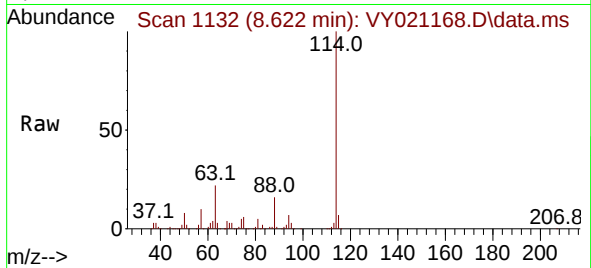




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021168.D
Acq: 11 Feb 2025 12:21

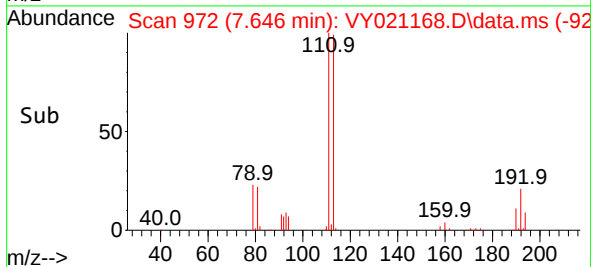
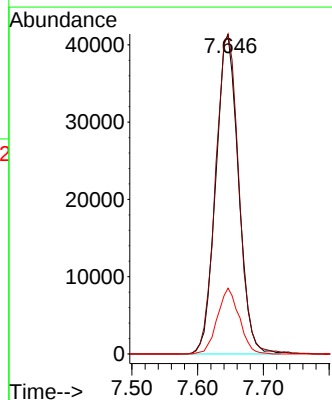
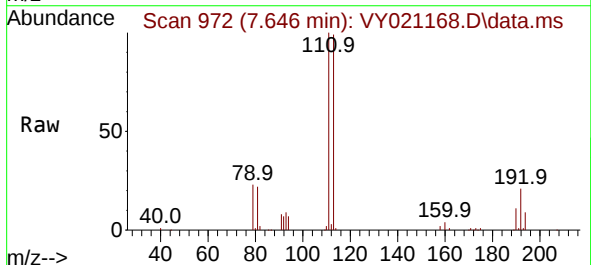
Instrument :
MSVOA_Y
ClientSampleId :

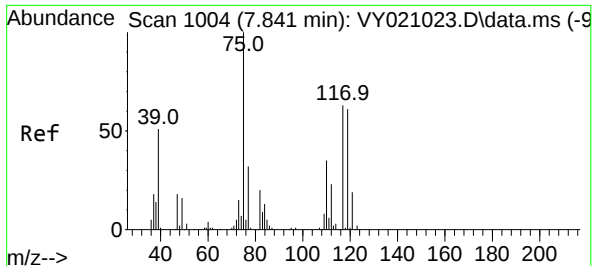
Tgt Ion:114 Resp: 308086
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.4
88 15.7 0.0 29.0



#35
Dibromofluoromethane
Concen: 50.261 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY021168.D
Acq: 11 Feb 2025 12:21

Tgt Ion:113 Resp: 99236
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 19.8 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.797 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.122 min

Lab File: VY021168.D

Acq: 11 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

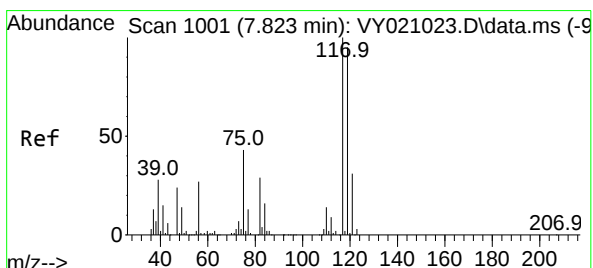
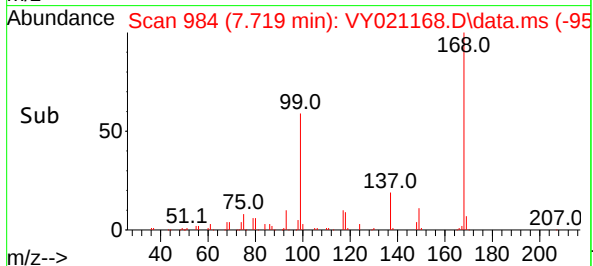
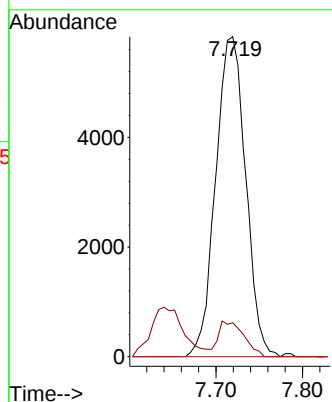
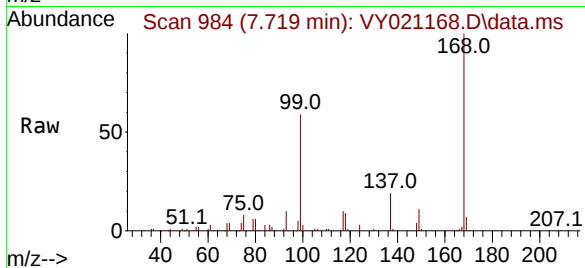
Tgt Ion: 75 Resp: 14028

Ion Ratio Lower Upper

75 100

110 9.3 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.870 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.104 min

Lab File: VY021168.D

Acq: 11 Feb 2025 12:21

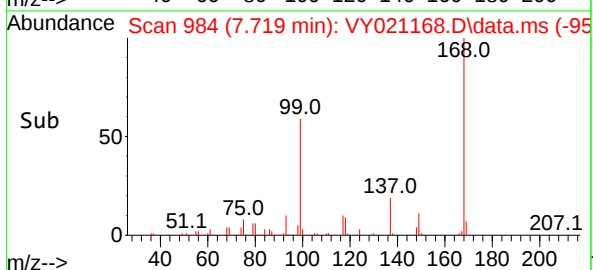
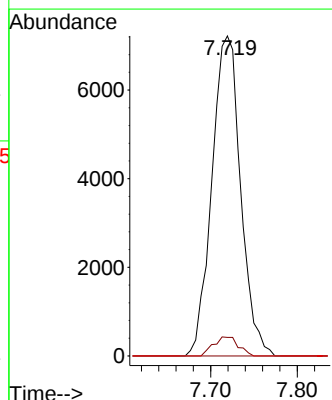
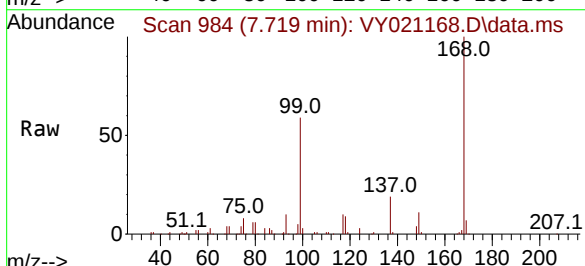
Tgt Ion: 117 Resp: 16641

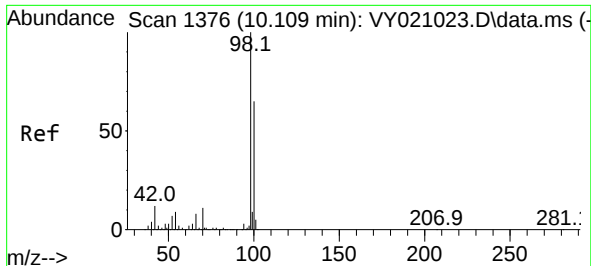
Ion Ratio Lower Upper

117 100

119 5.8 76.0 114.0#

121 0.0 24.2 36.2#

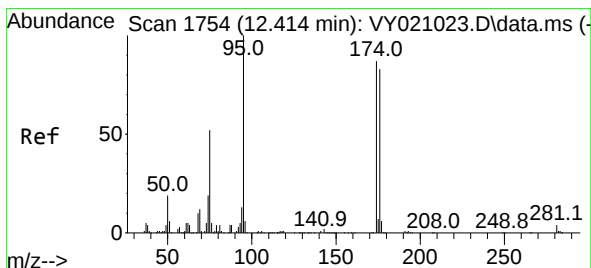
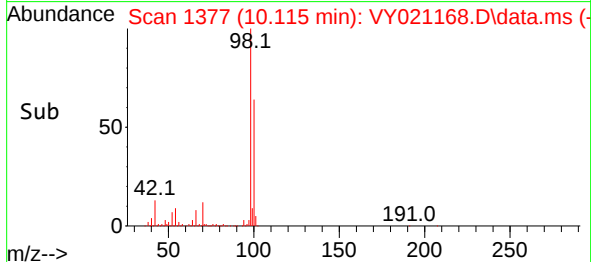
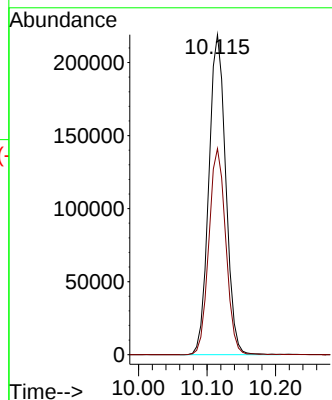
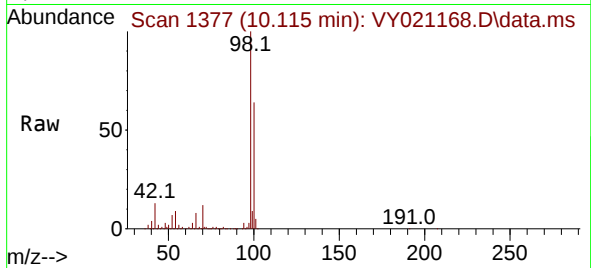




#50
Toluene-d8
Concen: 50.072 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021168.D
Acq: 11 Feb 2025 12:21

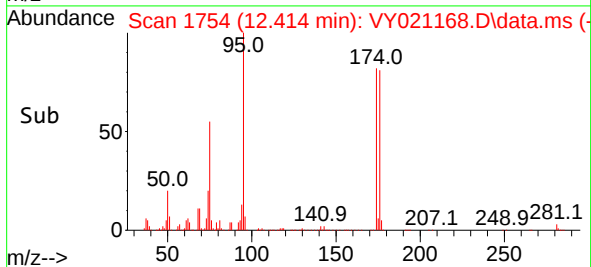
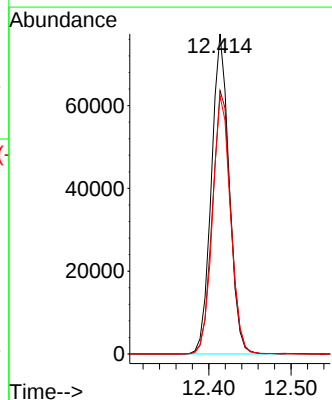
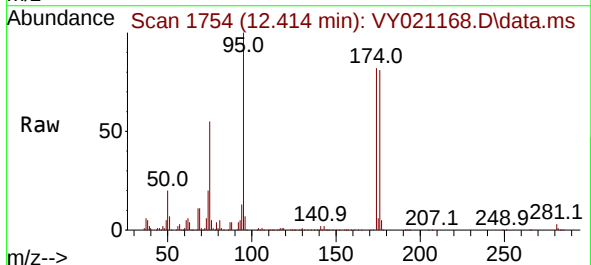
Instrument :
MSVOA_Y
ClientSampleId :

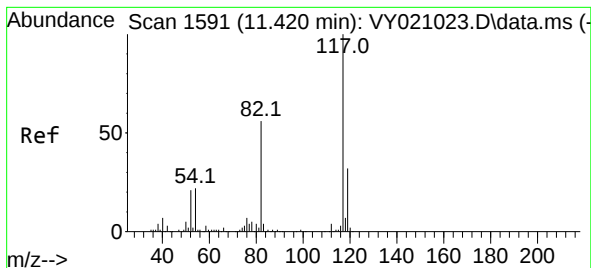
Tgt Ion: 98 Resp: 376382
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.231 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021168.D
Acq: 11 Feb 2025 12:21

Tgt Ion: 95 Resp: 115984
Ion Ratio Lower Upper
95 100
174 85.0 0.0 160.0
176 82.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021168.D

Acq: 11 Feb 2025 12:21

Instrument :

MSVOA_Y

ClientSampleId :

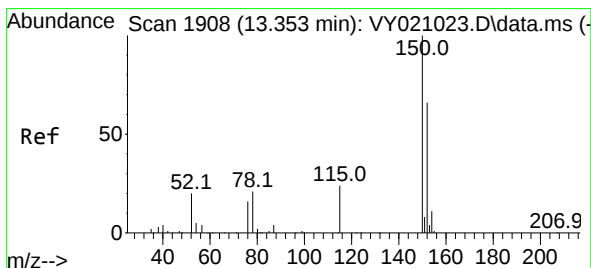
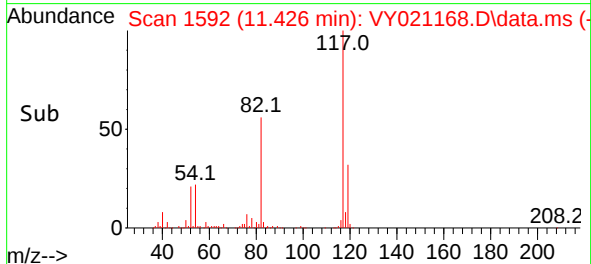
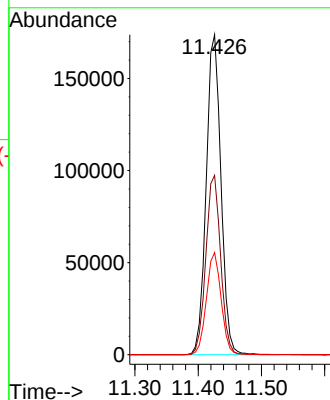
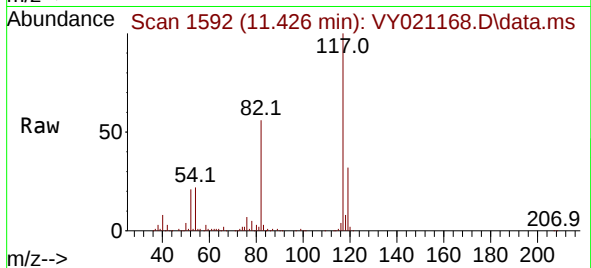
Tgt Ion:117 Resp: 282384

Ion Ratio Lower Upper

117 100

82 56.1 43.8 65.8

119 31.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021168.D

Acq: 11 Feb 2025 12:21

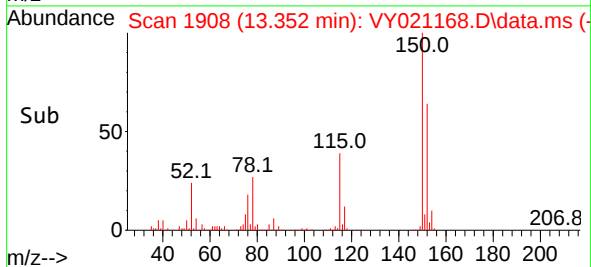
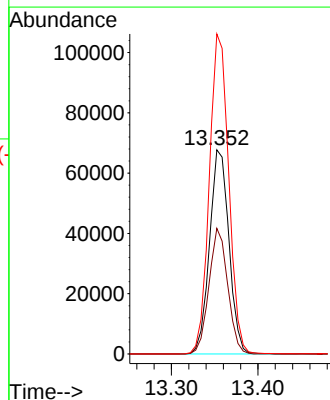
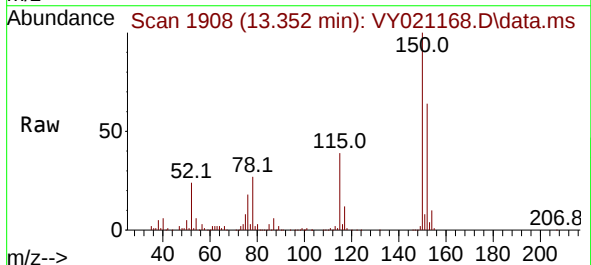
Tgt Ion:152 Resp: 105411

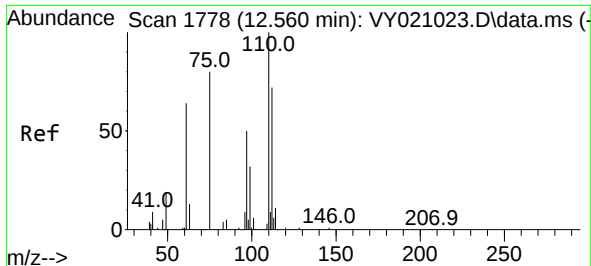
Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 156.6 0.0 344.6

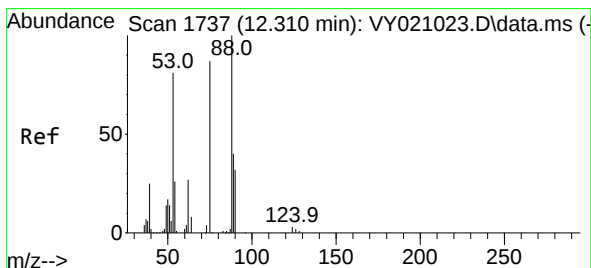
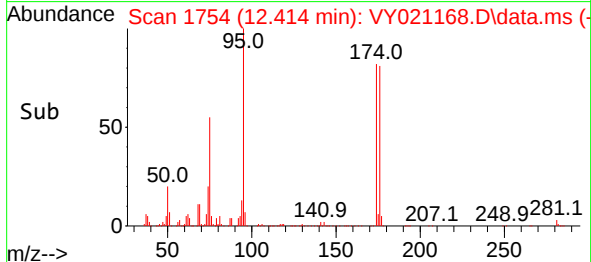
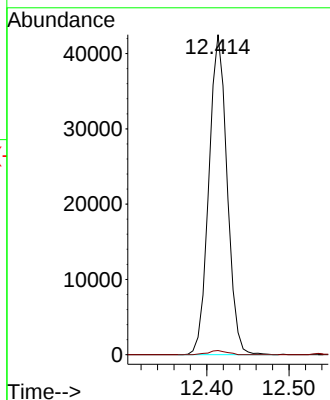
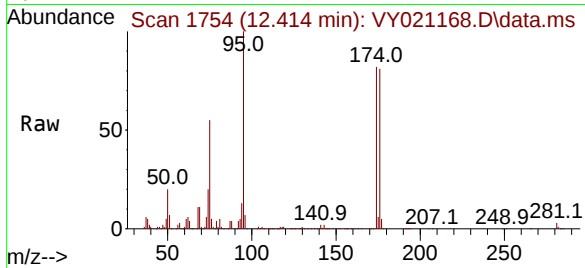




#76
1,2,3-Trichloropropane
Concen: 68.626 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.147 min
Lab File: VY021168.D
Acq: 11 Feb 2025 12:21

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 65621
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.031 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.103 min
Lab File: VY021168.D
Acq: 11 Feb 2025 12:21

Tgt Ion: 75 Resp: 65621
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

