

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
 Data File : VY021170.D
 Acq On : 11 Feb 2025 13:07
 Operator : SY/MD
 Sample : Q1343-07
 Misc : 4.87g/5.0mL/MSVOA_Y/SOILB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 01:02:57 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)

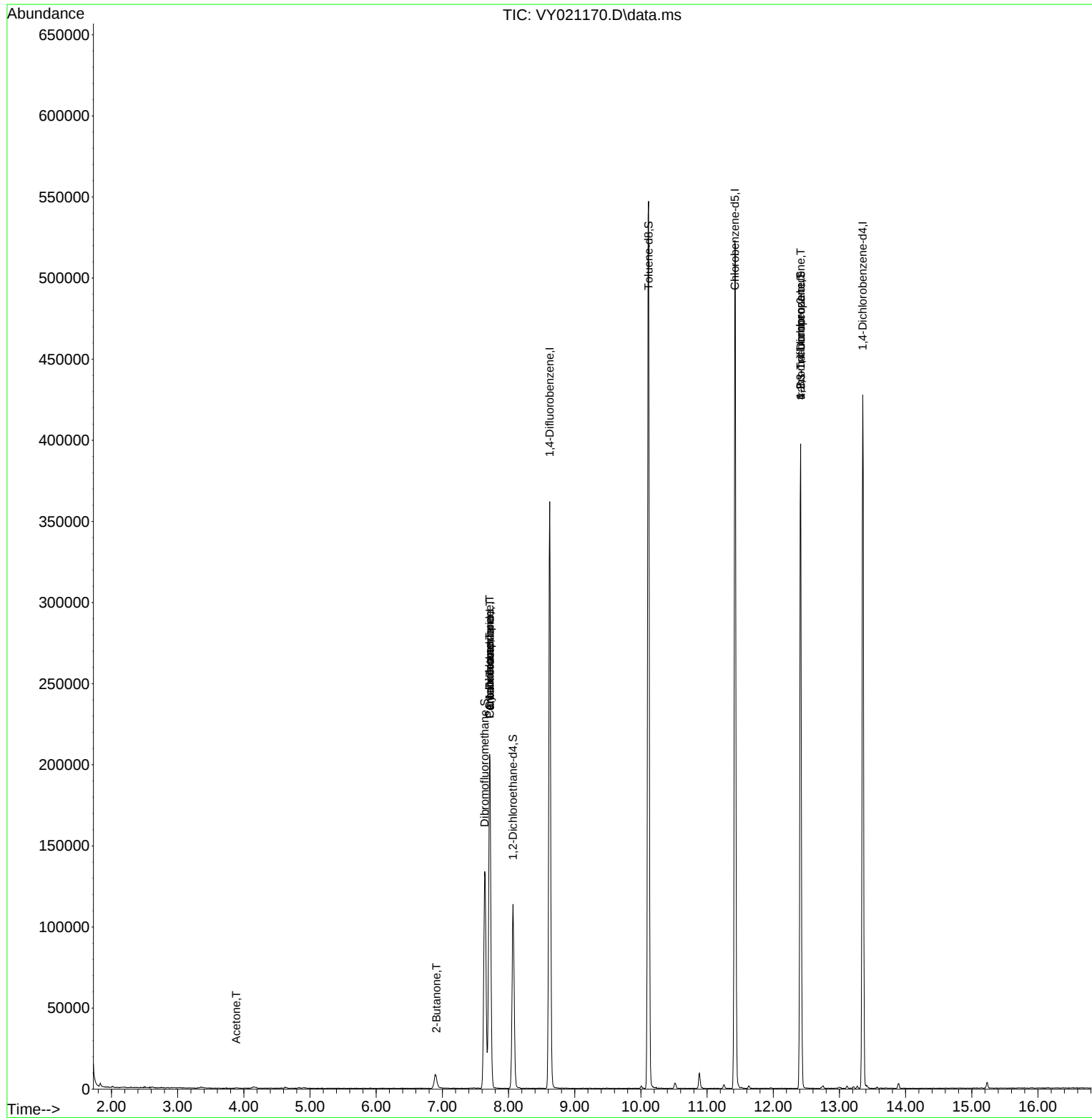
Internal Standards						
1) Pentafluorobenzene	7.719	168	154481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	292590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	270485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	105993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	88670	56.022	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.040%	
35) Dibromofluoromethane	7.640	113	95447	50.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.800%	
50) Toluene-d8	10.115	98	357965	50.144	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	12.414	95	113819	48.804	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.600%	
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	695	2.816	ug/l #	41
25) 2-Butanone	6.909	43	582	1.435	ug/l #	48
31) Cyclohexane	7.713	56	3546	1.314	ug/l #	17
36) 1,1-Dichloropropene	7.713	75	12662	4.559	ug/l #	50
38) Carbon Tetrachloride	7.719	117	16270	5.014	ug/l #	16
76) 1,2,3-Trichloropropane	12.414	75	63673	66.223	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	63673	135.128	ug/l #	12

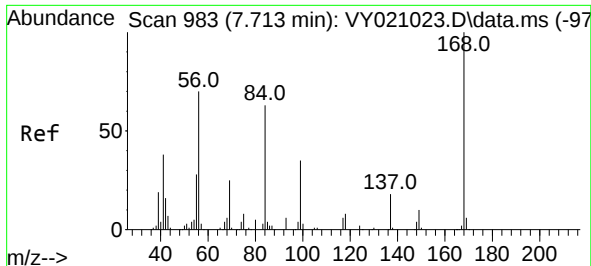
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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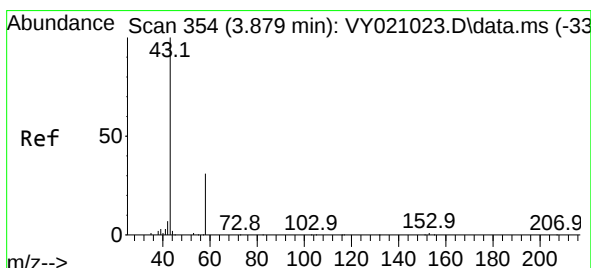
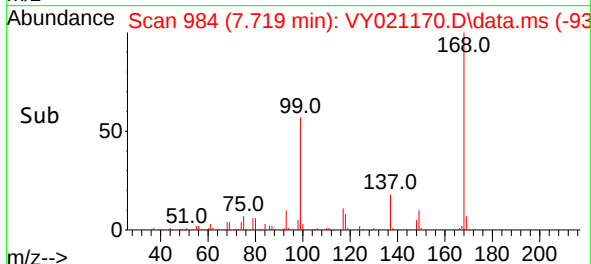
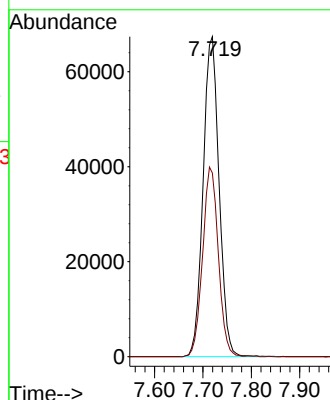
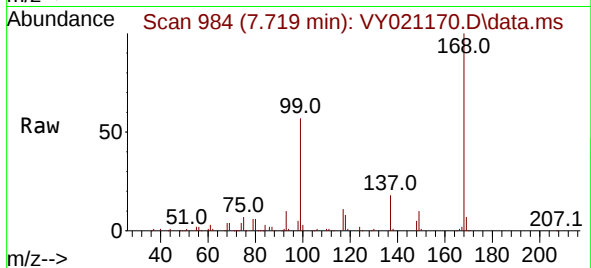




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021170.D
Acq: 11 Feb 2025 13:07

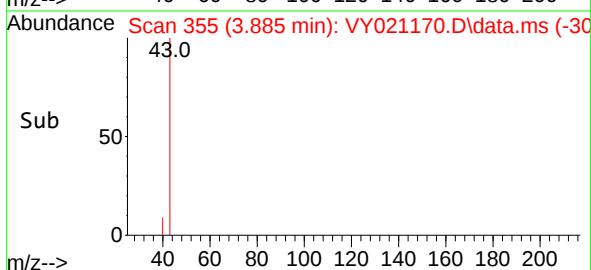
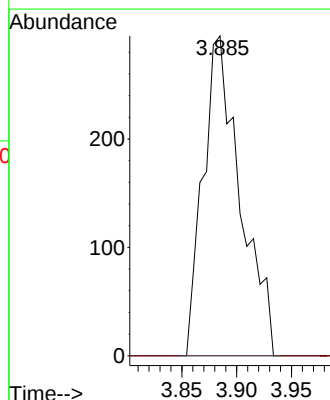
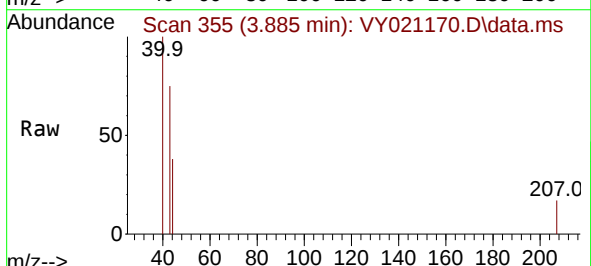
Instrument :
MSVOA_Y
ClientSampleId :

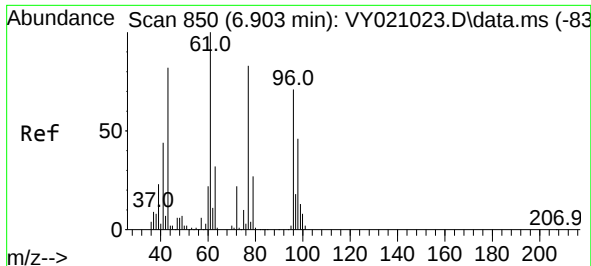
Tgt Ion:168 Resp: 154481
Ion Ratio Lower Upper
168 100
99 57.4 44.2 66.4



#16
Acetone
Concen: 2.816 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021170.D
Acq: 11 Feb 2025 13:07

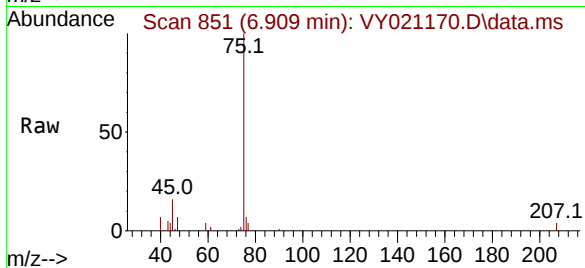
Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



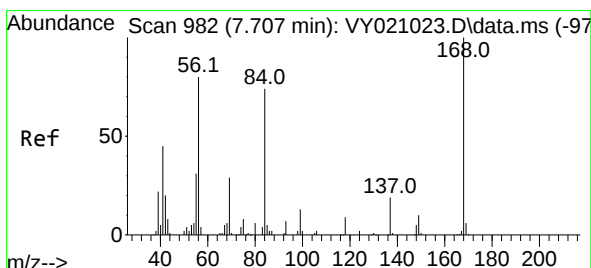
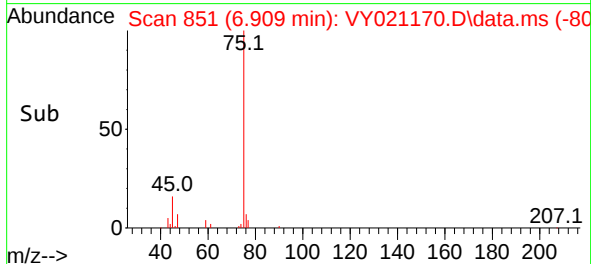
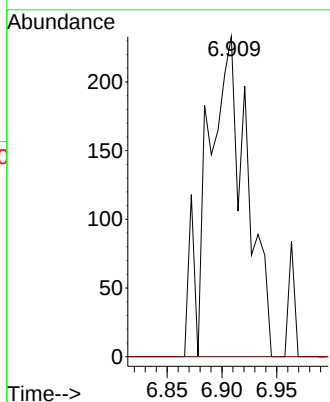


#25
2-Butanone
Concen: 1.435 ug/l
RT: 6.909 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021170.D
Acq: 11 Feb 2025 13:07

Instrument :
MSVOA_Y
ClientSampleId :

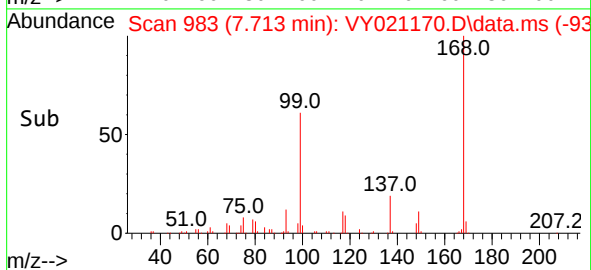
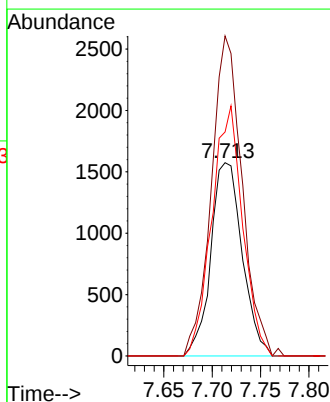
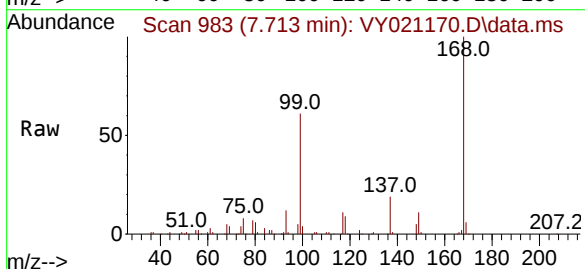


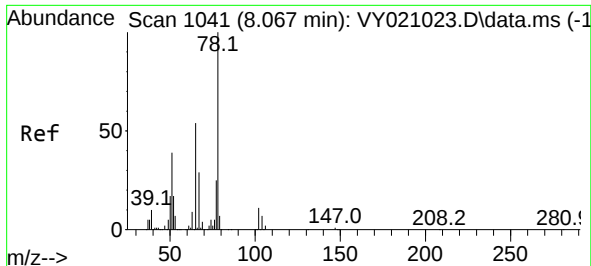
Tgt Ion: 43 Resp: 582
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.314 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021170.D
Acq: 11 Feb 2025 13:07

Tgt Ion: 56 Resp: 3546
Ion Ratio Lower Upper
56 100
69 165.5 27.0 40.6#
84 115.9 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 56.022 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021170.D

Acq: 11 Feb 2025 13:07

Instrument :

MSVOA_Y

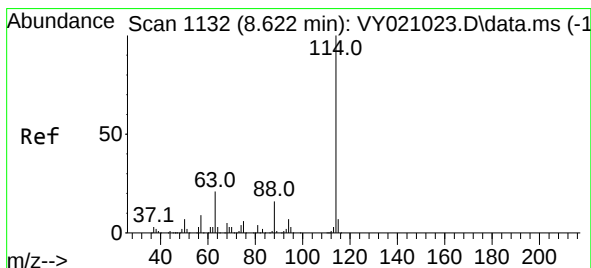
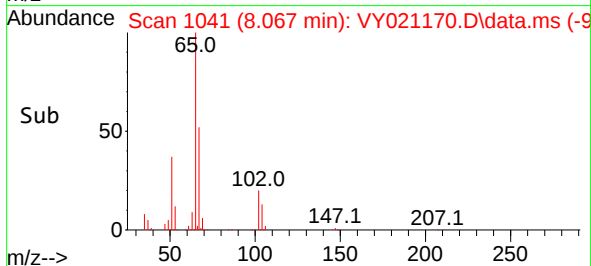
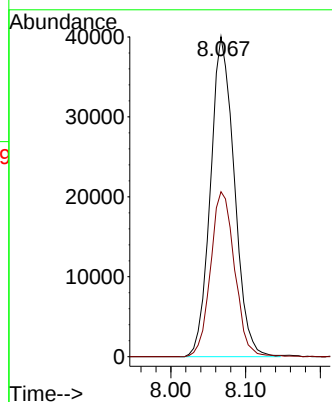
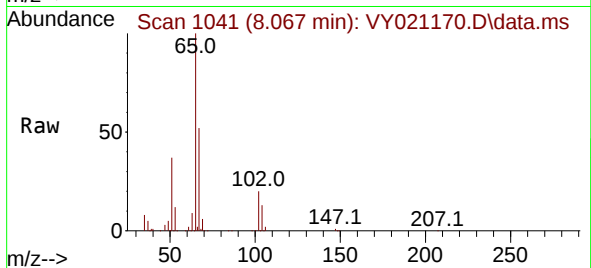
ClientSampleId :

Tgt Ion: 65 Resp: 88670

Ion Ratio Lower Upper

65 100

67 52.0 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: VY021170.D

Acq: 11 Feb 2025 13:07

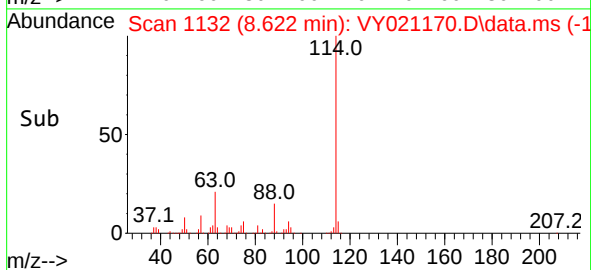
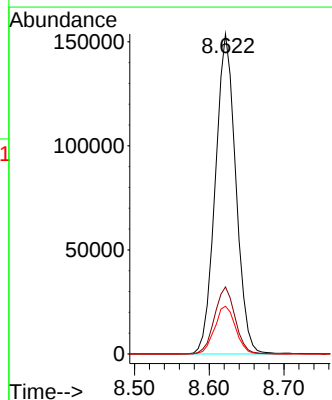
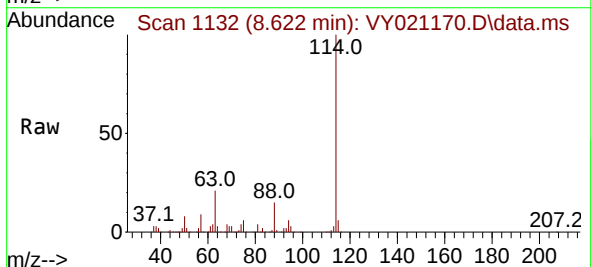
Tgt Ion:114 Resp: 292590

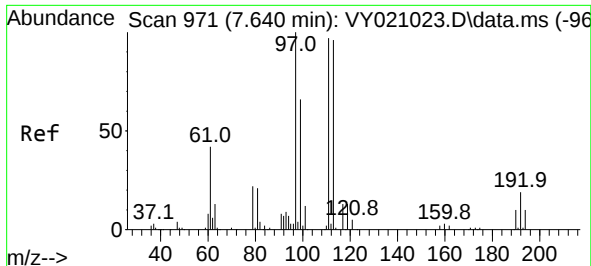
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

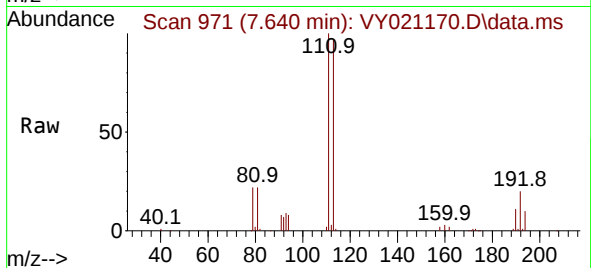
88 14.9 0.0 29.0



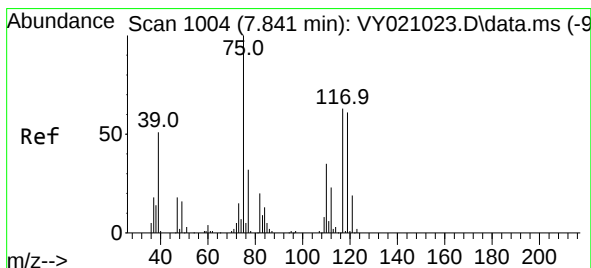
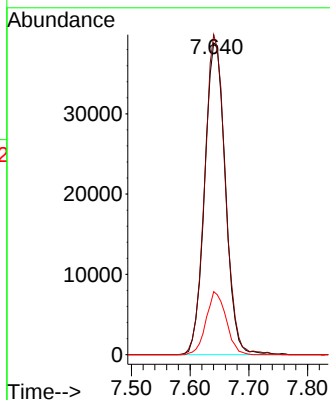
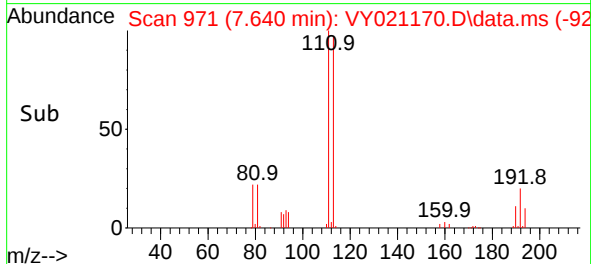


#35
Dibromofluoromethane
Concen: 50.902 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021170.D
Acq: 11 Feb 2025 13:07

Instrument :
MSVOA_Y
ClientSampleId :

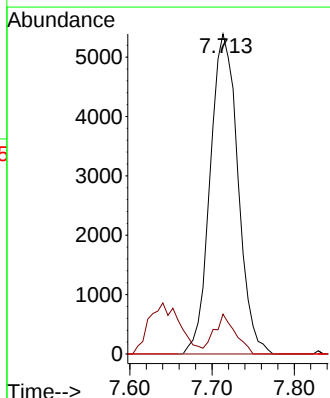
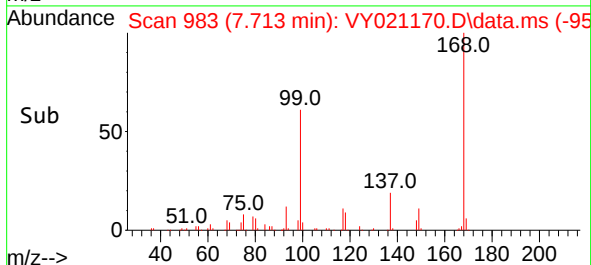
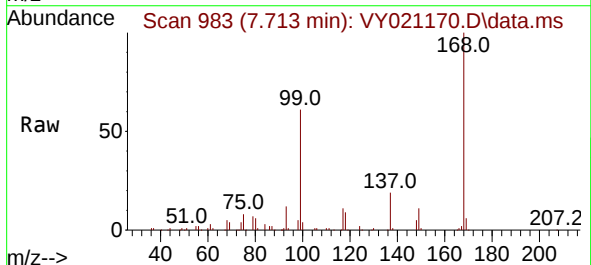


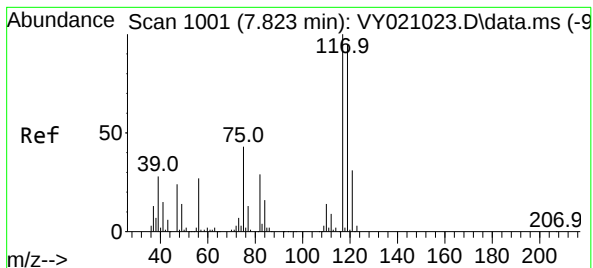
Tgt Ion:113 Resp: 95447
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 19.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.559 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY021170.D
Acq: 11 Feb 2025 13:07

Tgt Ion: 75 Resp: 12662
Ion Ratio Lower Upper
75 100
110 9.3 17.4 52.3#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.014 ug/l

RT: 7.719 min Scan# 91

Delta R.T. -0.104 min

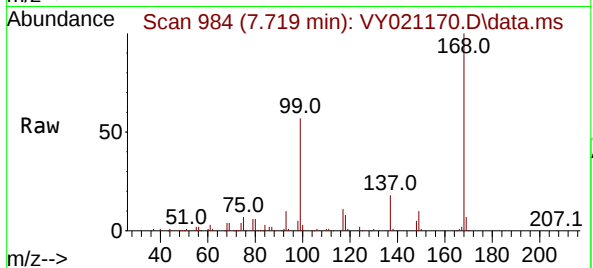
Lab File: VY021170.D

Acq: 11 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :



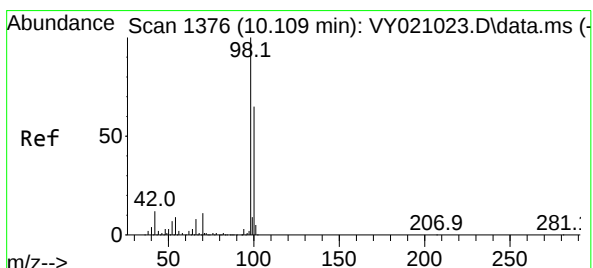
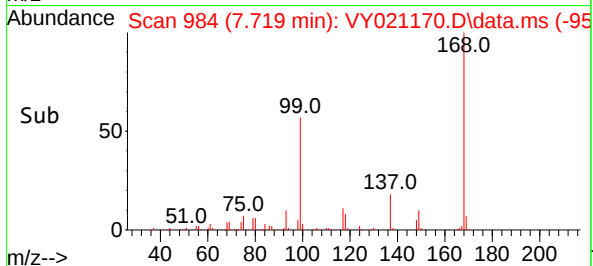
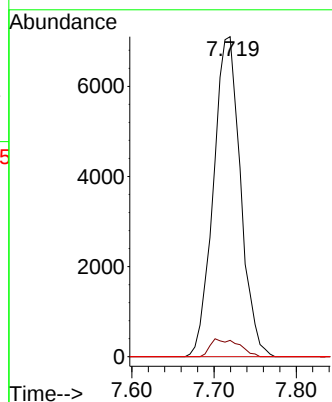
Tgt Ion:117 Resp: 16270

Ion Ratio Lower Upper

117 100

119 5.1 76.0 114.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 50.144 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021170.D

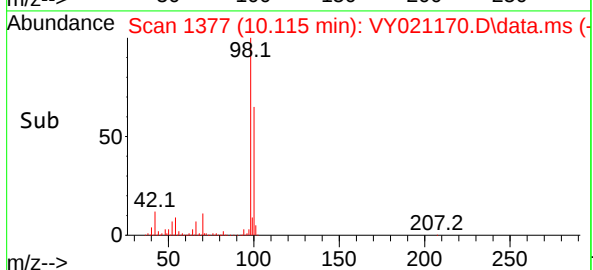
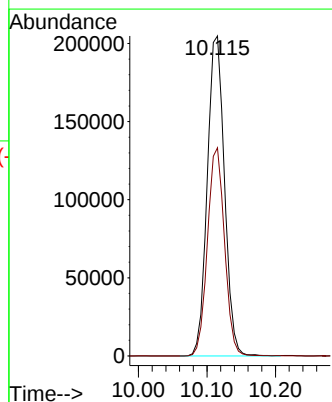
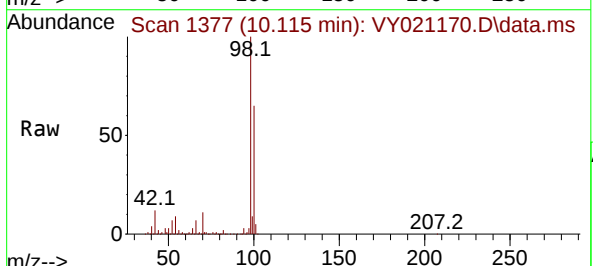
Acq: 11 Feb 2025 13:07

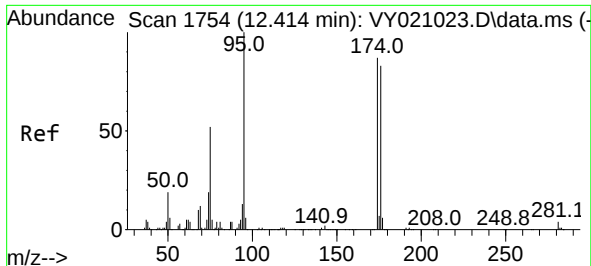
Tgt Ion: 98 Resp: 357965

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 48.804 ug/l

RT: 12.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021170.D

Acq: 11 Feb 2025 13:07

Instrument :

MSVOA_Y

ClientSampleId :

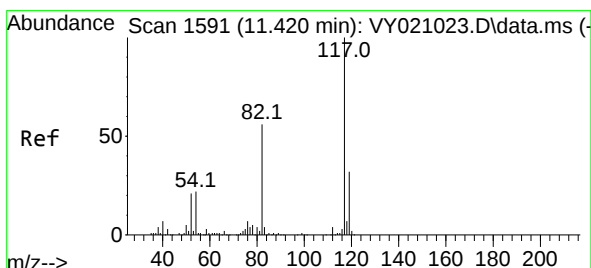
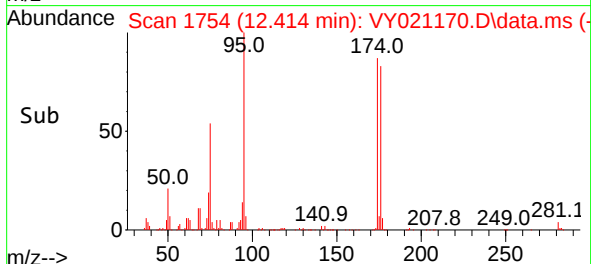
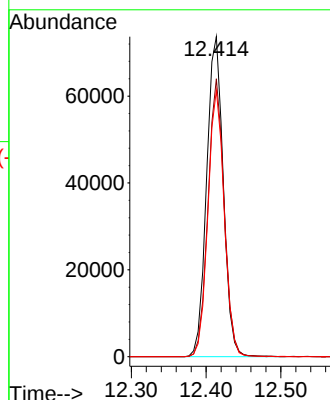
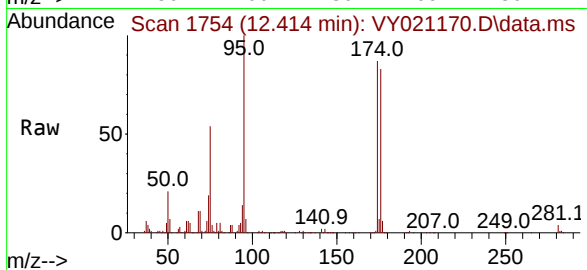
Tgt Ion: 95 Resp: 113819

Ion Ratio Lower Upper

95 100

174 84.8 0.0 160.0

176 81.4 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY021170.D

Acq: 11 Feb 2025 13:07

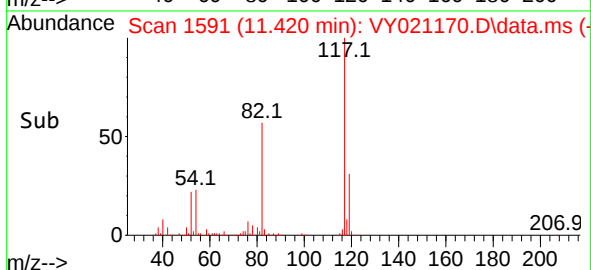
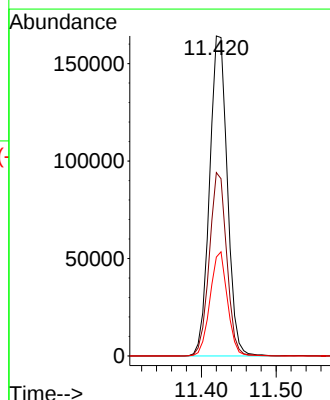
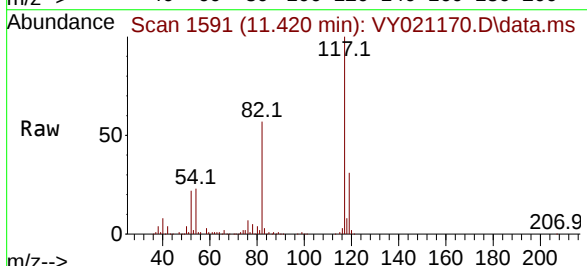
Tgt Ion: 117 Resp: 270485

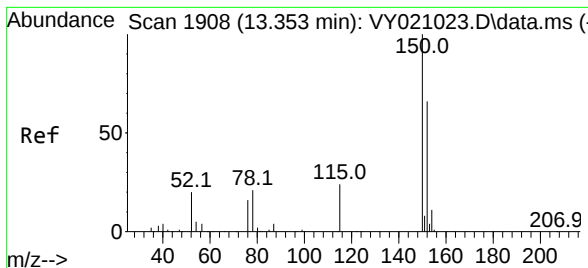
Ion Ratio Lower Upper

117 100

82 57.3 43.8 65.8

119 30.9 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021170.D

Acq: 11 Feb 2025 13:07

Instrument :

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ClientSampleId :

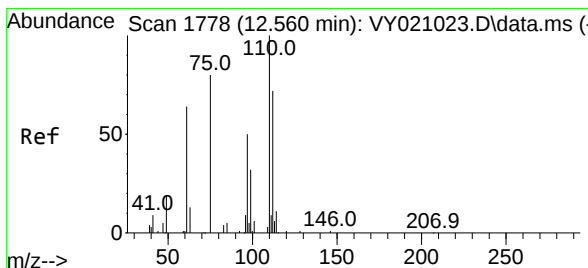
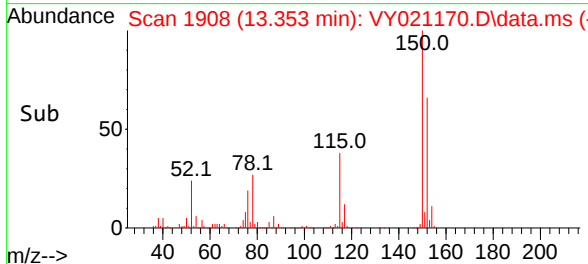
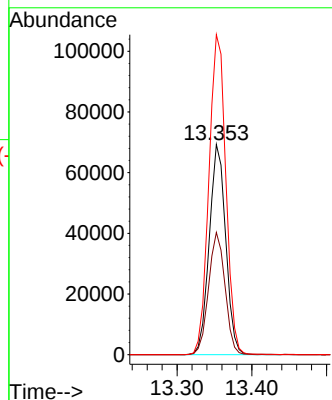
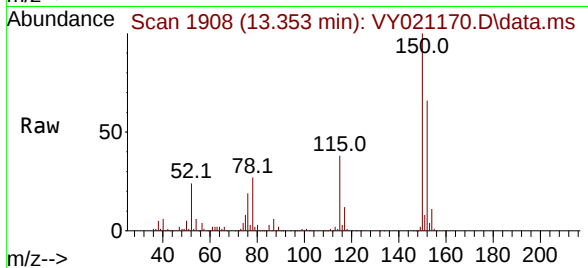
Tgt Ion:152 Resp: 105993

Ion Ratio Lower Upper

152 100

115 58.1 30.0 90.0

150 156.7 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 66.223 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.146 min

Lab File: VY021170.D

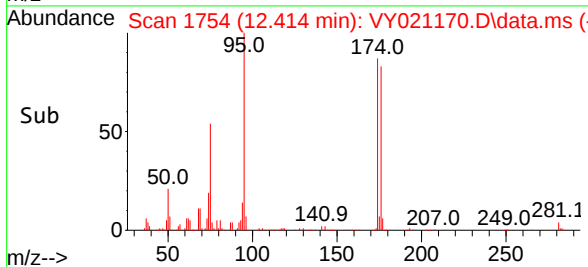
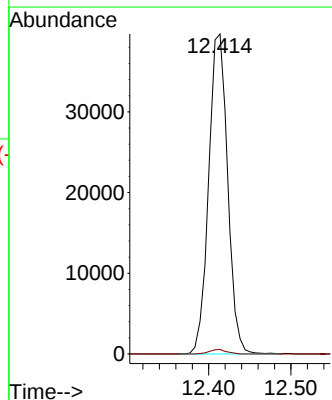
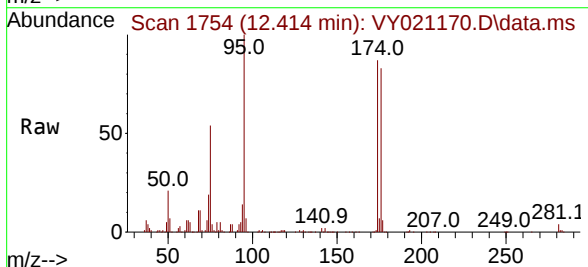
Acq: 11 Feb 2025 13:07

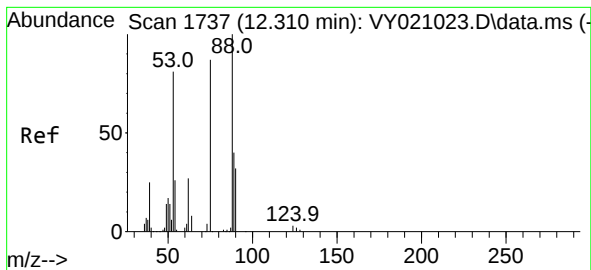
Tgt Ion: 75 Resp: 63673

Ion Ratio Lower Upper

75 100

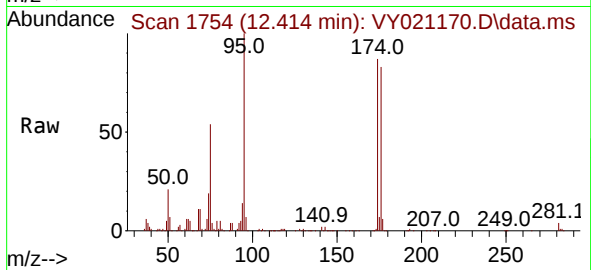
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.128 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021170.D
 Acq: 11 Feb 2025 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 63673
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

