

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021263.D
 Acq On : 20 Feb 2025 20:36
 Operator : SY/MD
 Sample : Q1382-09
 Misc : 5.88g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 21 02:46:44 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)

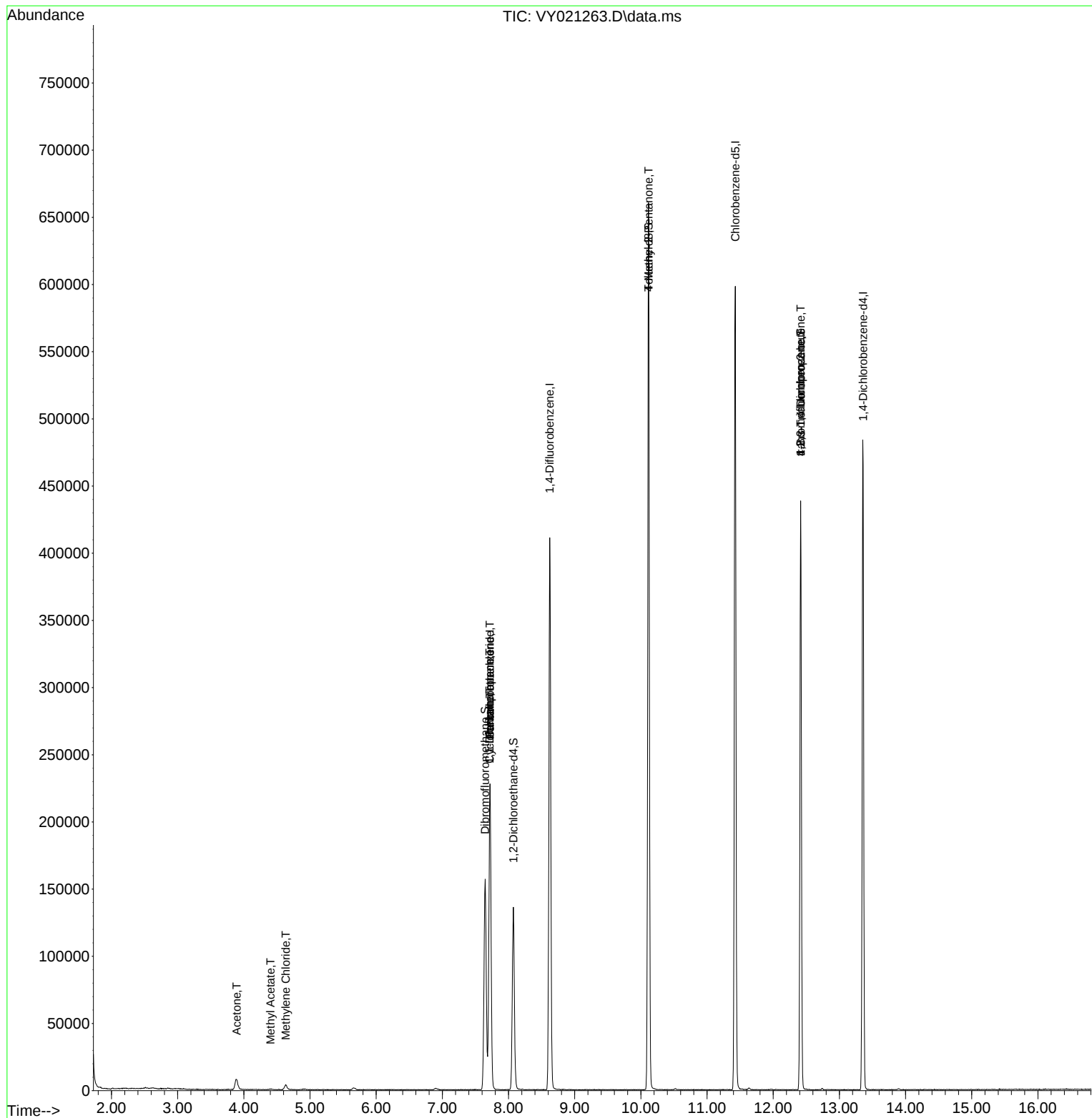
Internal Standards						
1) Pentafluorobenzene	7.719	168	169351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	335677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	305834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	120617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	107273	61.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.640%	
35) Dibromofluoromethane	7.646	113	109013	50.674	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.340%	
50) Toluene-d8	10.115	98	409499	50.000	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.000%	
62) 4-Bromofluorobenzene	12.414	95	129071	48.240	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.480%	
Target Compounds						
					Qvalue	
16) Acetone	3.891	43	15444	57.075	ug/l #	84
18) Methyl Acetate	4.403	43	1138	1.198	ug/l #	73
20) Methylene Chloride	4.635	84	2384	1.417	ug/l #	93
31) Cyclohexane	7.713	56	4041	1.365	ug/l #	22
36) 1,1-Dichloropropene	7.713	75	13975	4.386	ug/l #	51
38) Carbon Tetrachloride	7.719	117	17788	4.778	ug/l #	17
51) 4-Methyl-2-Pentanone	10.115	43	2123	1.520	ug/l #	1
76) 1,2,3-Trichloropropane	12.414	75	72196	65.984	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	72196	134.639	ug/l #	12

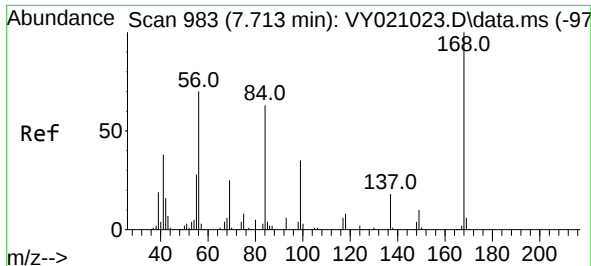
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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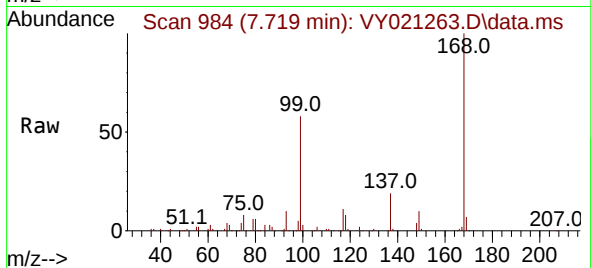
Quant Time: Feb 21 02:46:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
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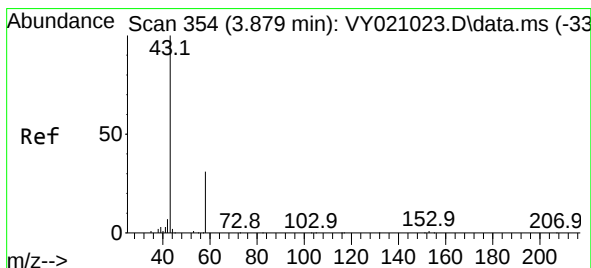
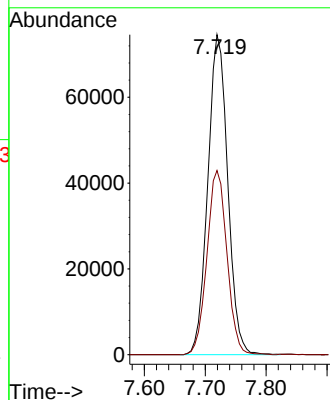
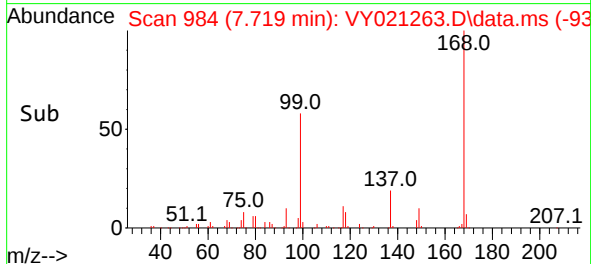


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021263.D
Acq: 20 Feb 2025 20:36

Instrument :
MSVOA_Y
ClientSampleId :

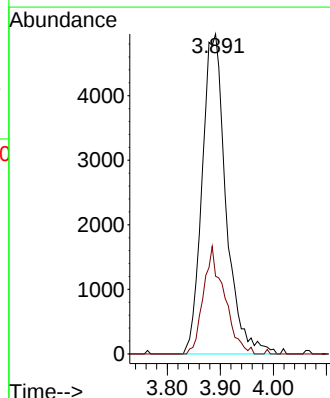
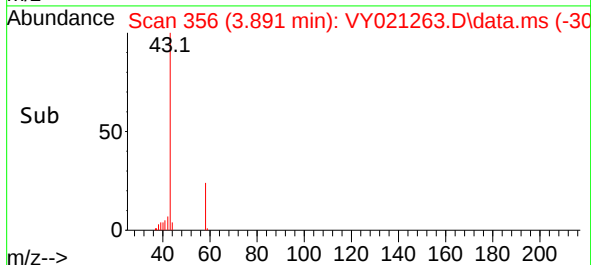
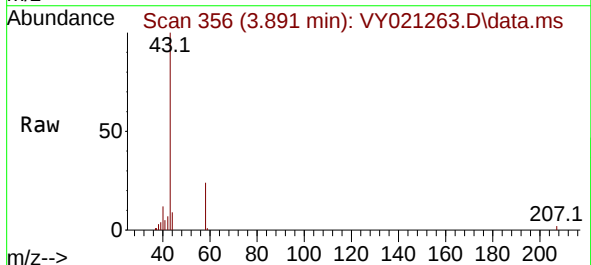


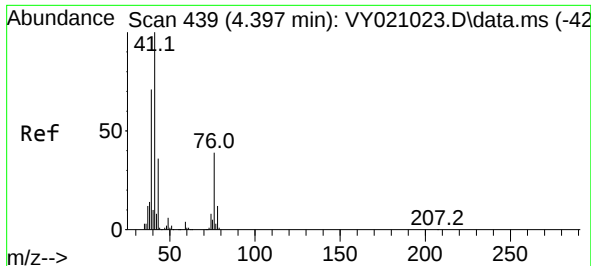
Tgt Ion:168 Resp: 169351
Ion Ratio Lower Upper
168 100
99 57.5 44.2 66.4



#16
Acetone
Concen: 57.075 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY021263.D
Acq: 20 Feb 2025 20:36

Tgt Ion: 43 Resp: 15444
Ion Ratio Lower Upper
43 100
58 24.3 26.6 39.8#

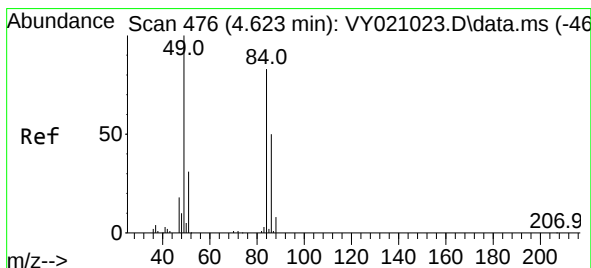
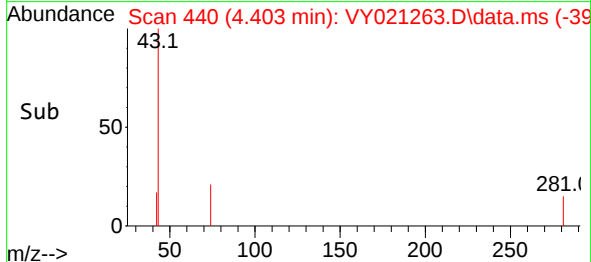
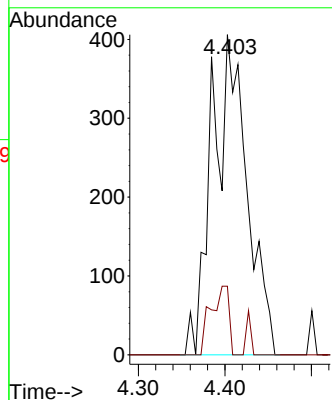
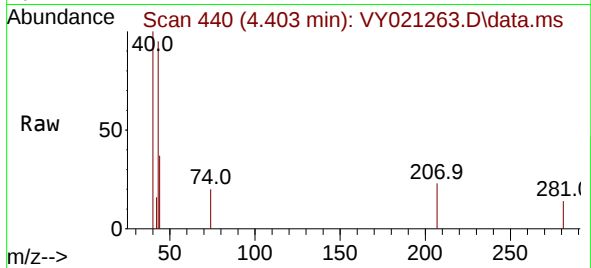




#18
Methyl Acetate
Concen: 1.198 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021263.D
Acq: 20 Feb 2025 20:36

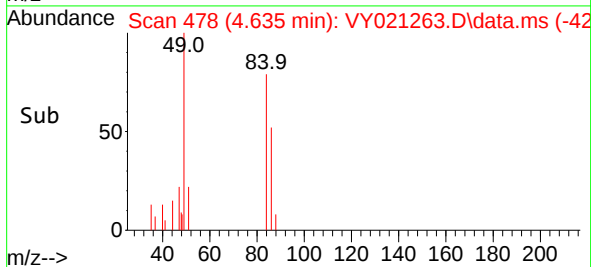
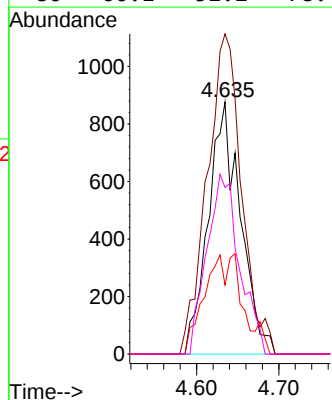
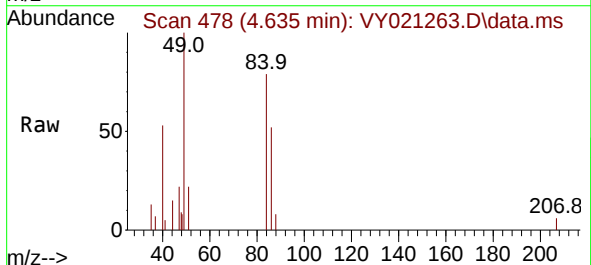
Instrument :
MSVOA_Y
ClientSampleId :

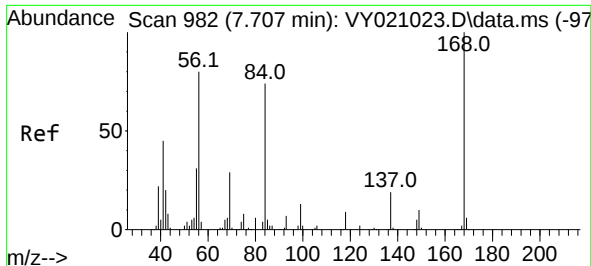
Tgt Ion: 43 Resp: 1138
Ion Ratio Lower Upper
43 100
74 11.2 19.8 29.6#



#20
Methylene Chloride
Concen: 1.417 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY021263.D
Acq: 20 Feb 2025 20:36

Tgt Ion: 84 Resp: 2384
Ion Ratio Lower Upper
84 100
49 127.1 95.2 142.8
51 27.4 29.9 44.9#
86 66.1 52.2 78.4

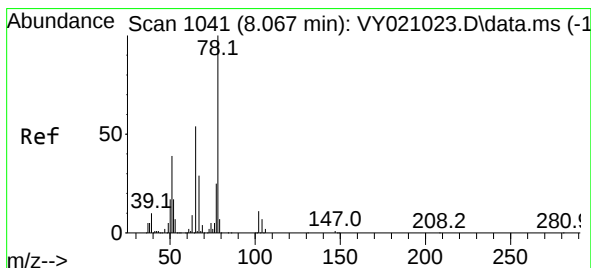
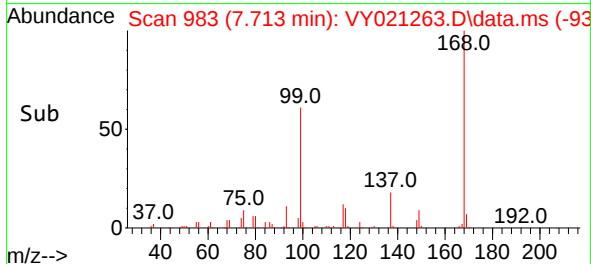
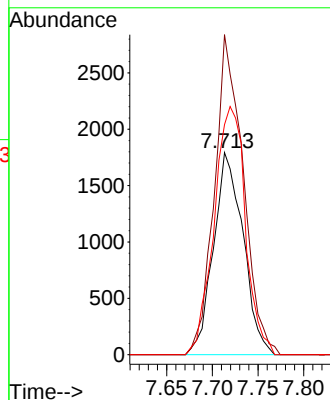
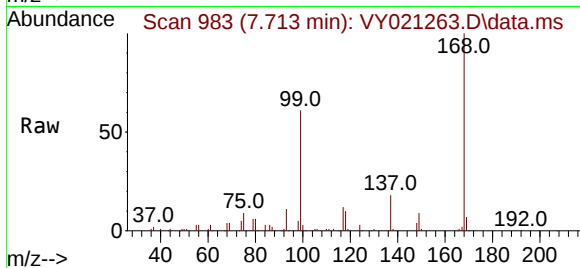




#31
Cyclohexane
Concen: 1.365 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021263.D
Acq: 20 Feb 2025 20:36

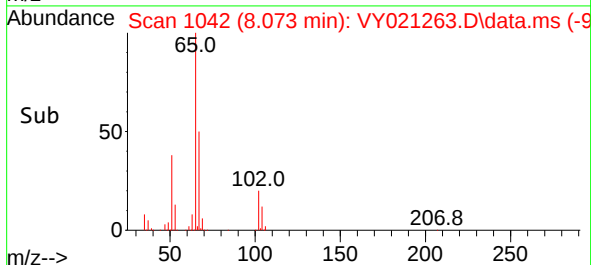
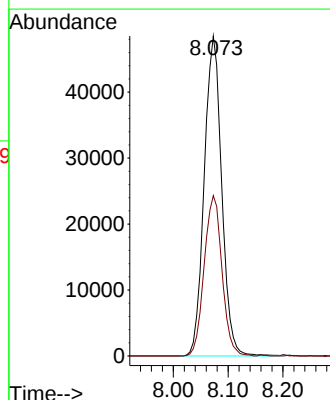
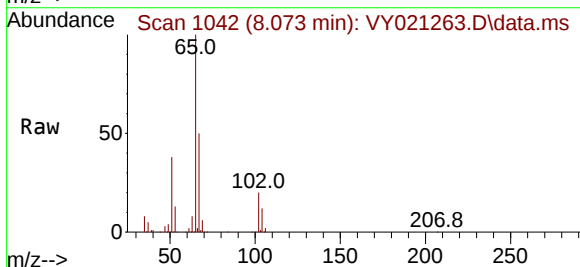
Instrument :
MSVOA_Y
ClientSampleId :

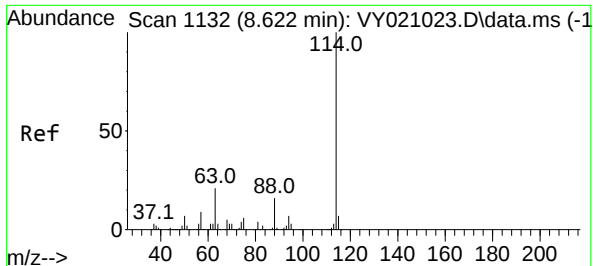
Tgt Ion: 56 Resp: 4041
Ion Ratio Lower Upper
56 100
69 158.3 27.0 40.6#
84 113.8 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 61.824 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021263.D
Acq: 20 Feb 2025 20:36

Tgt Ion: 65 Resp: 107273
Ion Ratio Lower Upper
65 100
67 51.0 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: VY021263.D

Acq: 20 Feb 2025 20:36

Instrument :

MSVOA_Y

ClientSampleId :

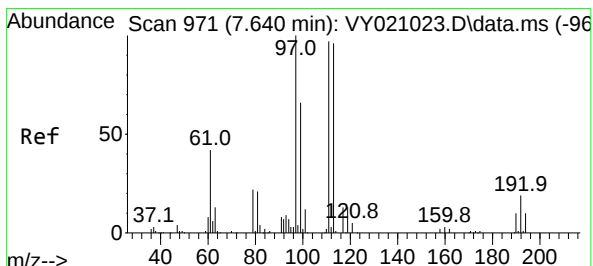
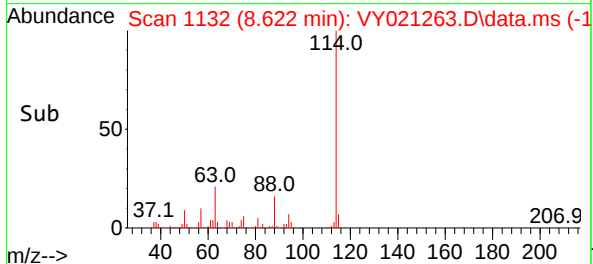
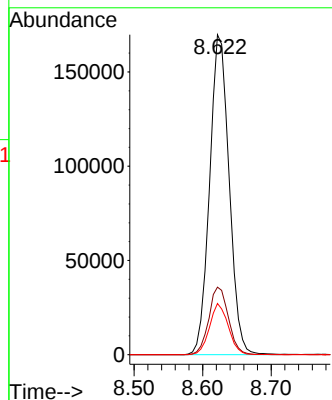
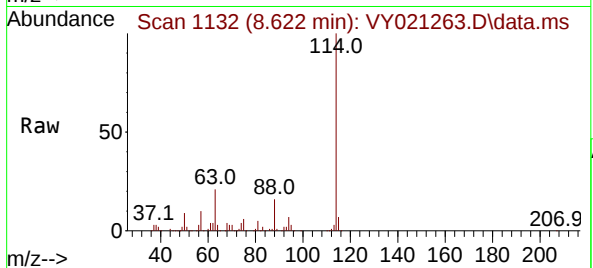
Tgt Ion:114 Resp: 335677

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

88 16.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.674 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021263.D

Acq: 20 Feb 2025 20:36

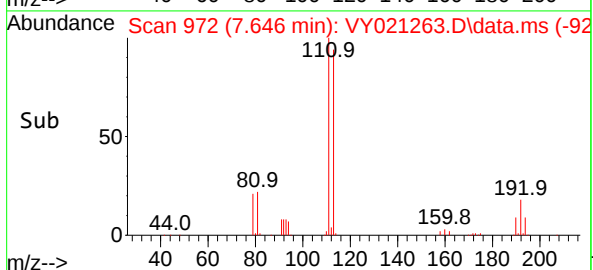
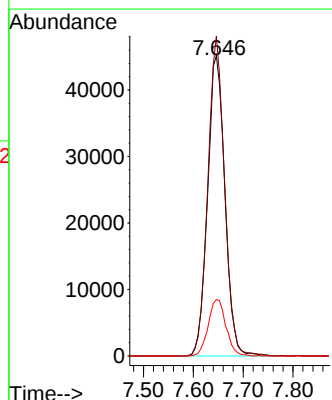
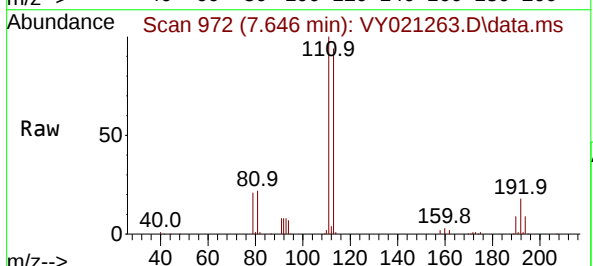
Tgt Ion:113 Resp: 109013

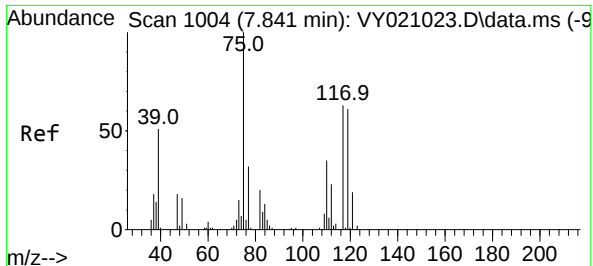
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 19.3 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.386 ug/l

RT: 7.713 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY021263.D

Acq: 20 Feb 2025 20:36

Instrument :

MSVOA_Y

ClientSampleId :

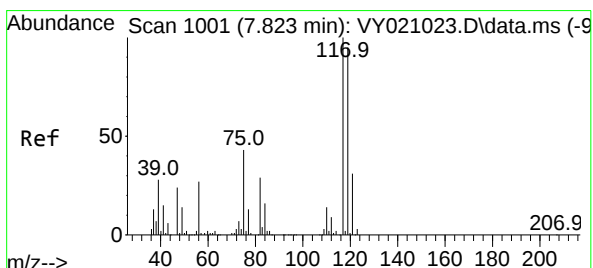
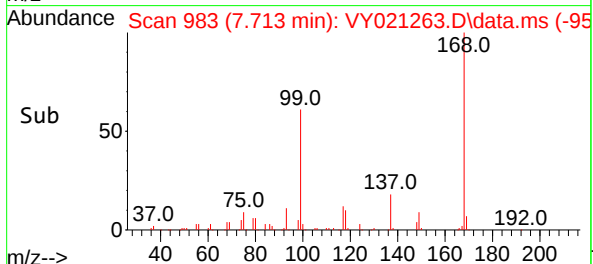
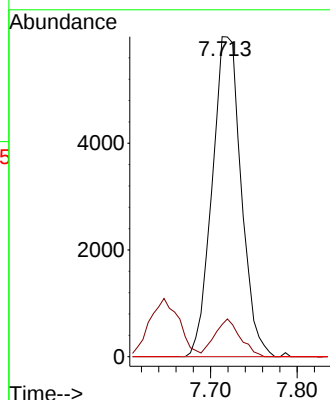
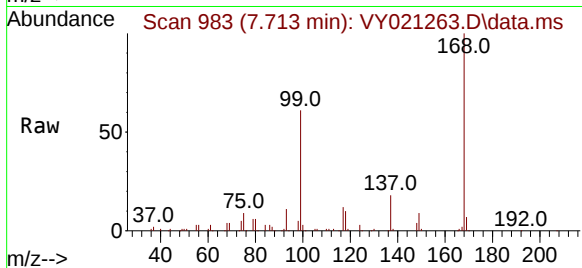
Tgt Ion: 75 Resp: 13975

Ion Ratio Lower Upper

75 100

110 10.3 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.778 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.104 min

Lab File: VY021263.D

Acq: 20 Feb 2025 20:36

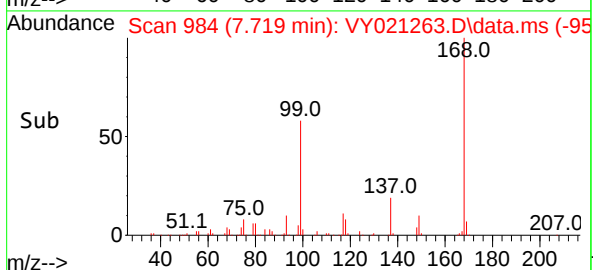
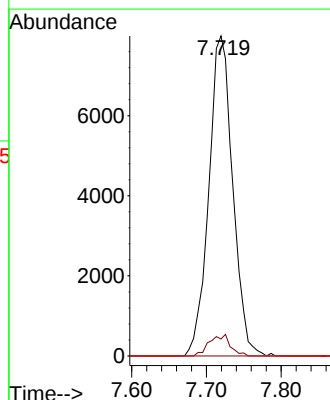
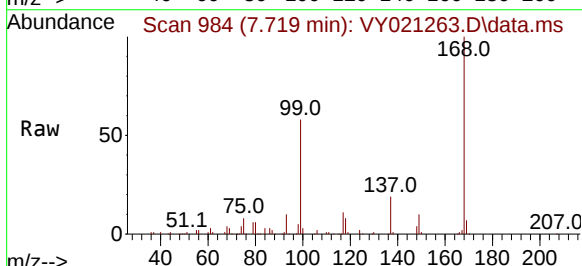
Tgt Ion: 117 Resp: 17788

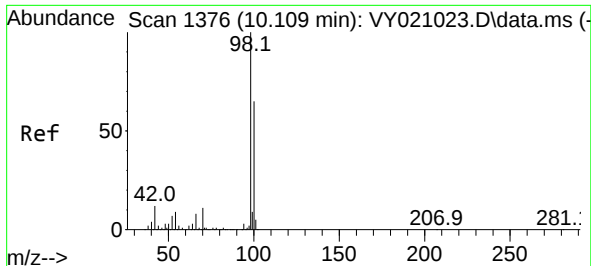
Ion Ratio Lower Upper

117 100

119 5.3 76.0 114.0#

121 0.0 24.2 36.2#

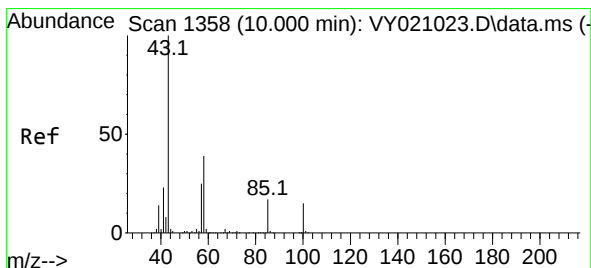
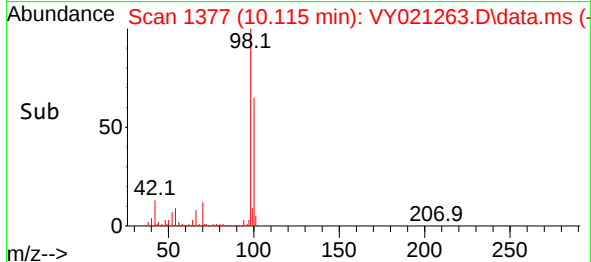
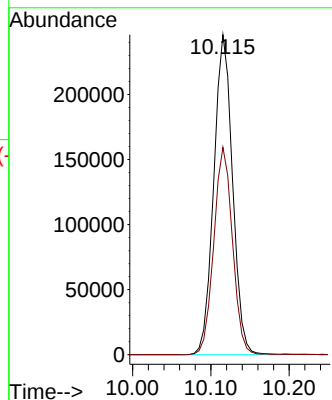
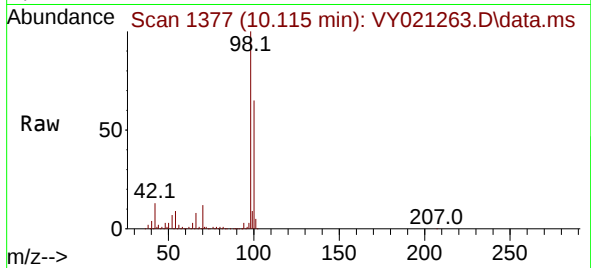




#50
Toluene-d8
Concen: 50.000 ug/l
RT: 10.115 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021263.D
Acq: 20 Feb 2025 20:36

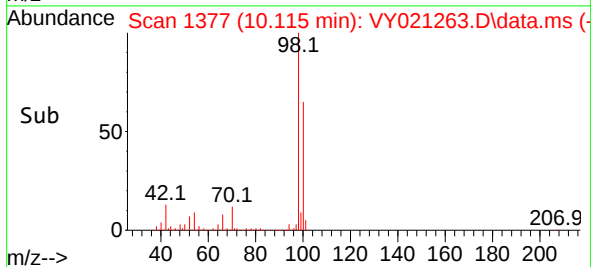
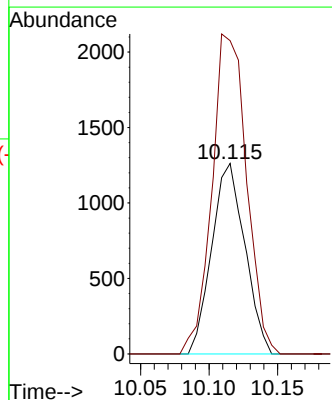
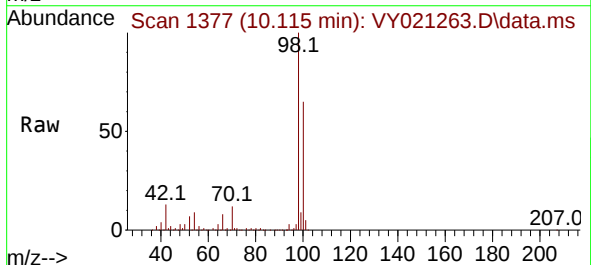
Instrument :
MSVOA_Y
ClientSampleId :

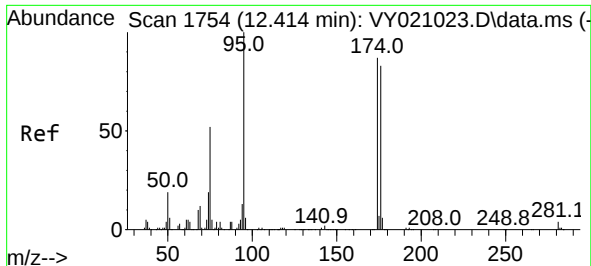
Tgt Ion: 98 Resp: 409499
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.520 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.116 min
Lab File: VY021263.D
Acq: 20 Feb 2025 20:36

Tgt Ion: 43 Resp: 2123
Ion Ratio Lower Upper
43 100
58 175.5 32.2 48.2#

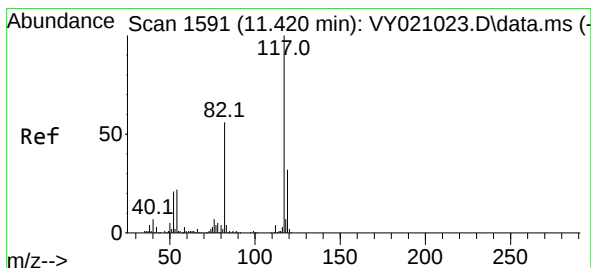
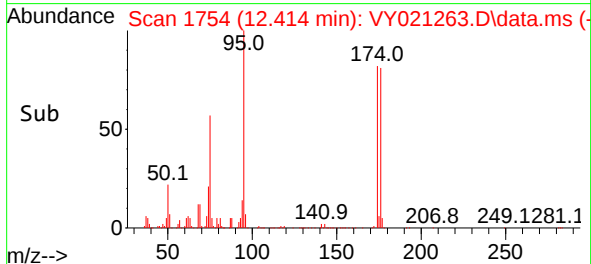
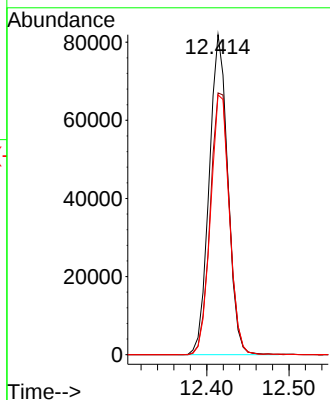
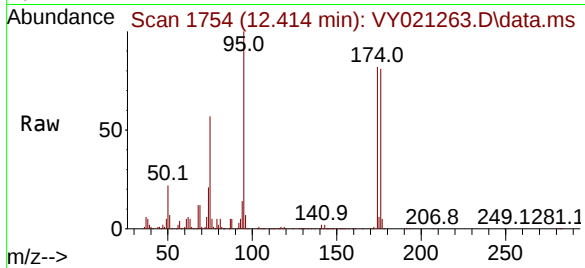




#62
4-Bromofluorobenzene
Concen: 48.240 ug/l
RT: 12.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021263.D
Acq: 20 Feb 2025 20:36

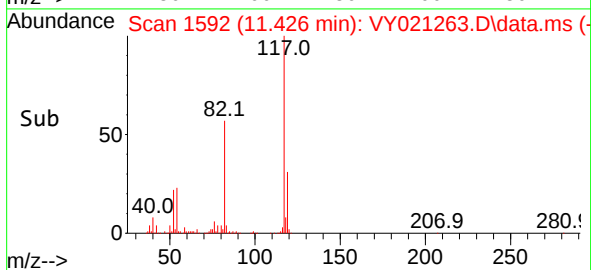
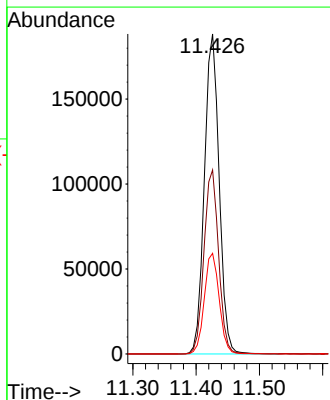
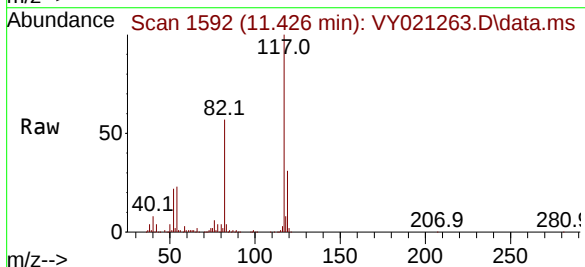
Instrument :
MSVOA_Y
ClientSampleId :

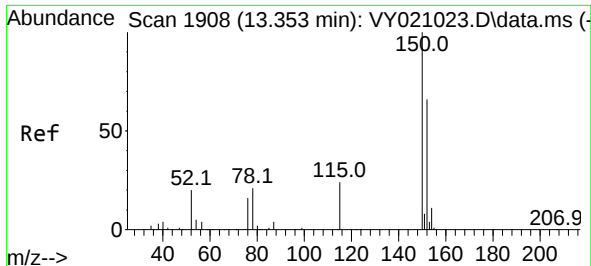
Tgt Ion: 95 Resp: 129071
Ion Ratio Lower Upper
95 100
174 84.7 0.0 160.0
176 82.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021263.D
Acq: 20 Feb 2025 20:36

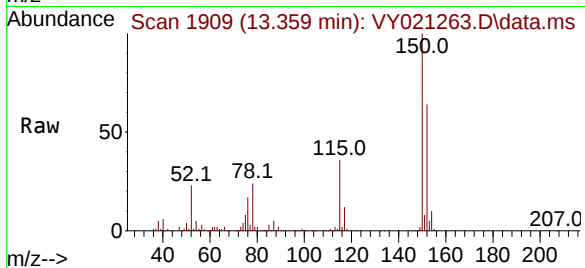
Tgt Ion: 117 Resp: 305834
Ion Ratio Lower Upper
117 100
82 57.5 43.8 65.8
119 31.4 26.5 39.7



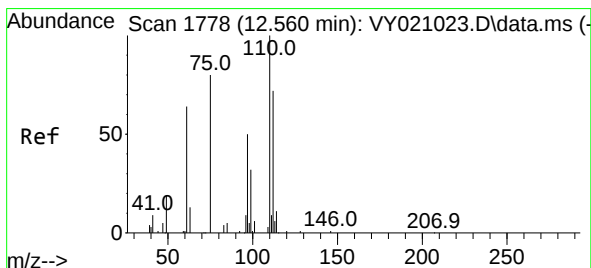
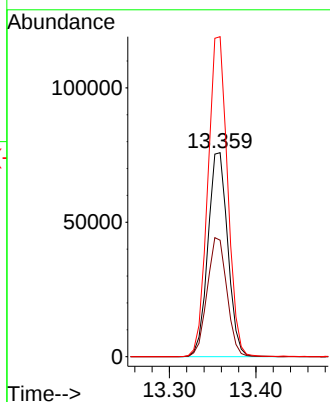
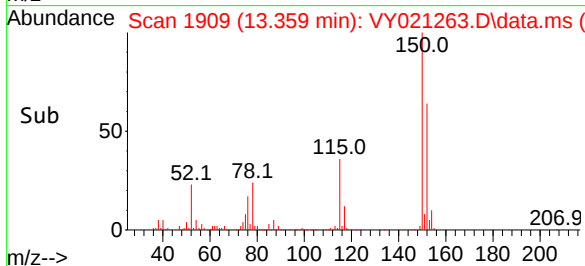


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.359 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: VY021263.D
 Acq: 20 Feb 2025 20:36

Instrument :
 MSVOA_Y
 ClientSampleId :

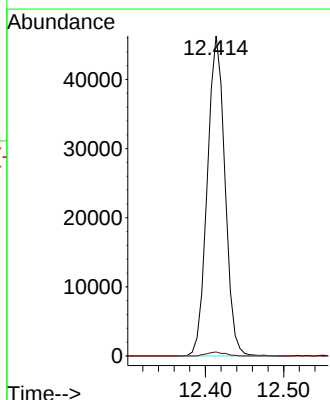
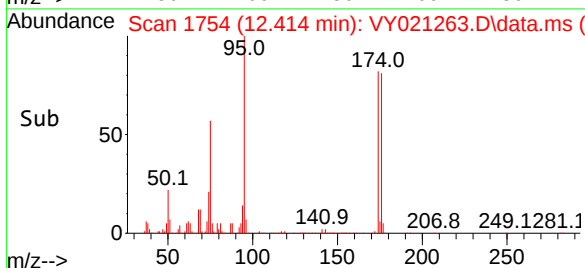
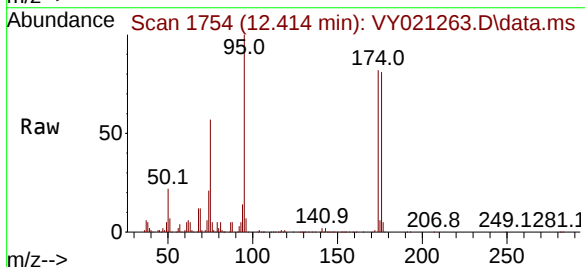


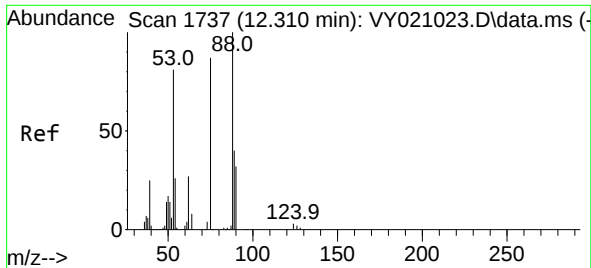
Tgt Ion:152 Resp: 120617
 Ion Ratio Lower Upper
 152 100
 115 58.2 30.0 90.0
 150 156.3 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 65.984 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. -0.147 min
 Lab File: VY021263.D
 Acq: 20 Feb 2025 20:36

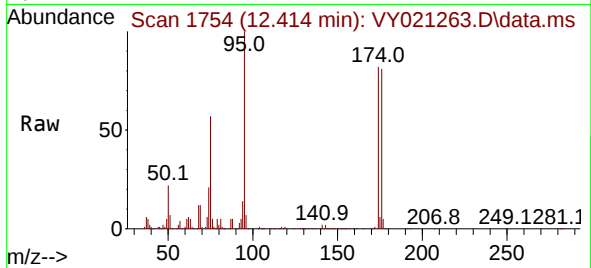
Tgt Ion: 75 Resp: 72196
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.639 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY021263.D
 Acq: 20 Feb 2025 20:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 72196
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

