

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121124\
 Data File : VY020581.D
 Acq On : 11 Dec 2024 11:42
 Operator : SY/MD
 Sample : VY1211SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 11 22:10:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

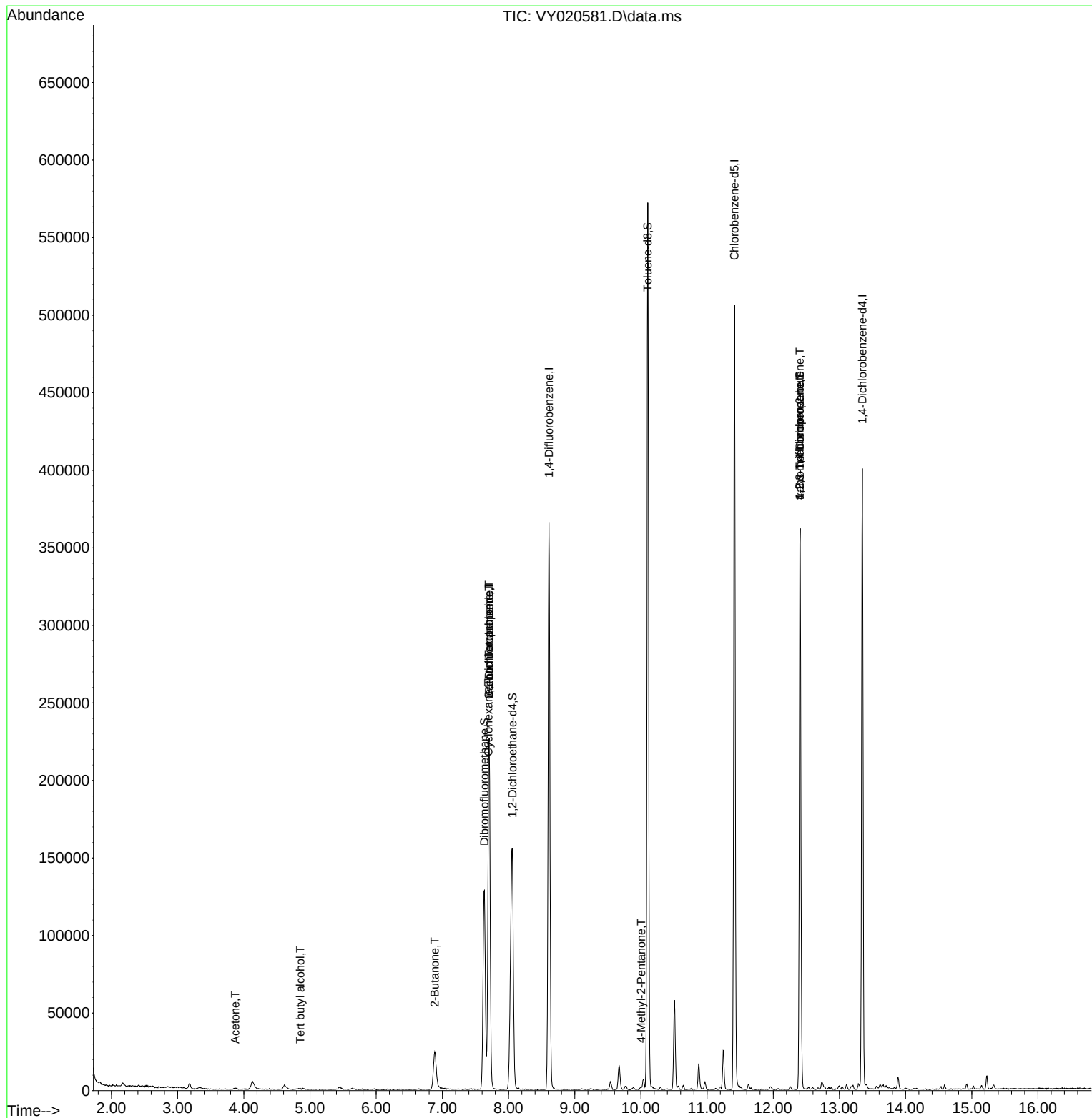
Internal Standards						
1) Pentafluorobenzene	7.707	168	174274	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	301085	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	254115	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	98775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93216	52.593	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.180%	
35) Dibromofluoromethane	7.634	113	93556	49.358	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.720%	
50) Toluene-d8	10.103	98	362426	50.214	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	12.402	95	108968	43.167	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 86.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	658	5.723	ug/l #	73
16) Acetone	3.873	43	1583	3.592	ug/l	91
25) 2-Butanone	6.884	43	1811	3.254	ug/l #	79
31) Cyclohexane	7.695	56	3752	1.074	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	14901	4.655	ug/l #	52
38) Carbon Tetrachloride	7.701	117	17887	4.682	ug/l #	16
51) 4-Methyl-2-Pentanone	10.006	43	1306	1.033	ug/l	95
76) 1,2,3-Trichloropropane	12.402	75	58672	58.310	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	58672	119.644	ug/l #	9

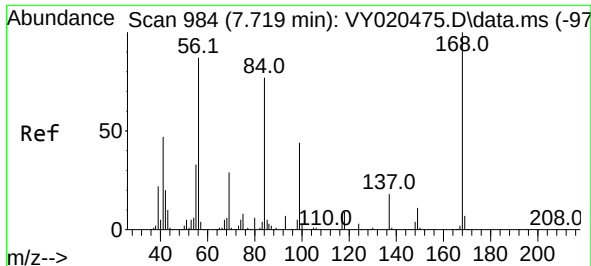
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121124\
Data File : VY020581.D
Acq On : 11 Dec 2024 11:42
Operator : SY/MD
Sample : VY1211SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 11 22:10:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

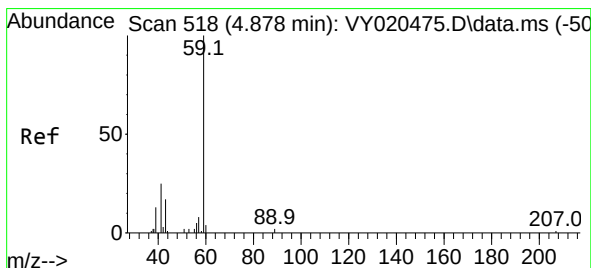
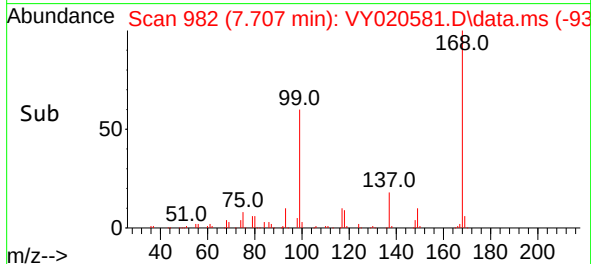
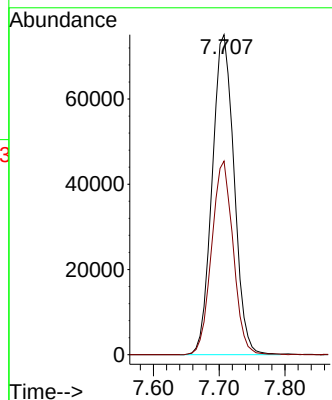
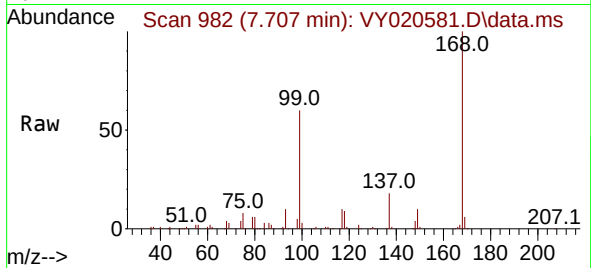




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020581.D
Acq: 11 Dec 2024 11:42

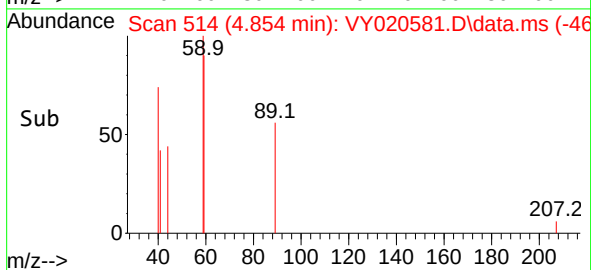
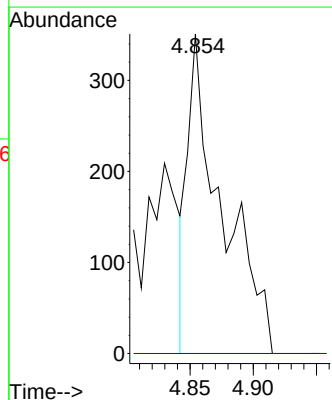
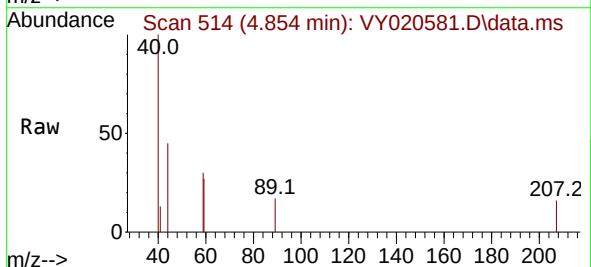
Instrument :
MSVOA_Y
ClientSampleId :

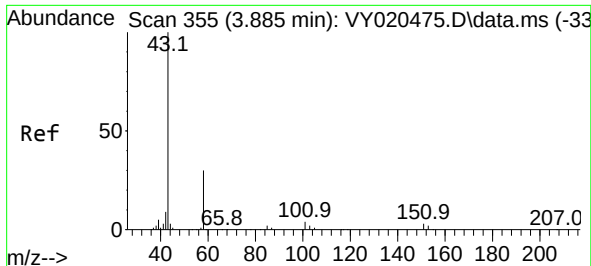
Tgt Ion:168 Resp: 174274
Ion Ratio Lower Upper
168 100
99 60.5 46.6 69.8



#11
Tert butyl alcohol
Concen: 5.723 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY020581.D
Acq: 11 Dec 2024 11:42

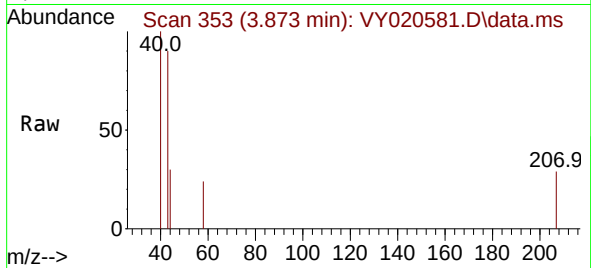
Tgt Ion: 59 Resp: 658
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



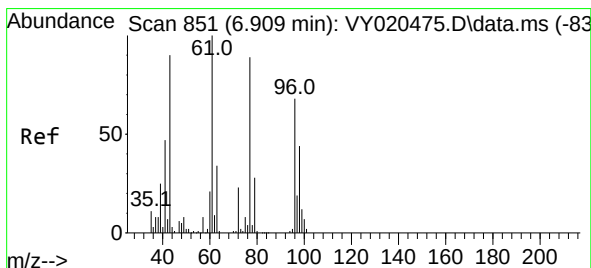
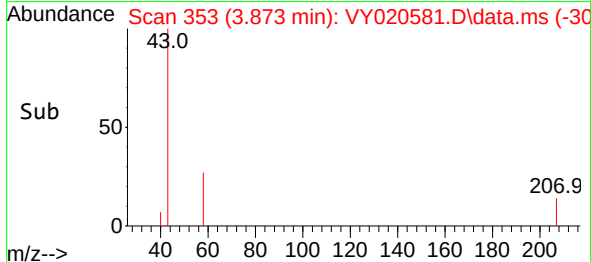
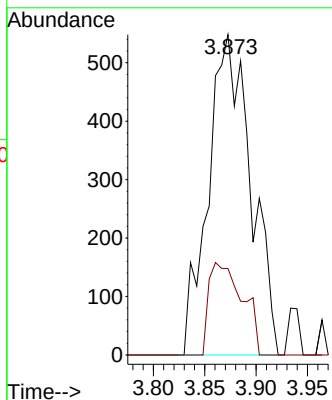


#16
Acetone
Concen: 3.592 ug/l
RT: 3.873 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY020581.D
Acq: 11 Dec 2024 11:42

Instrument :
MSVOA_Y
ClientSampleId :

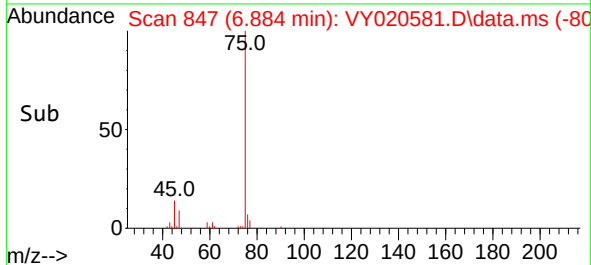
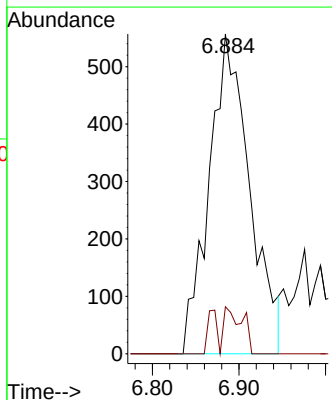
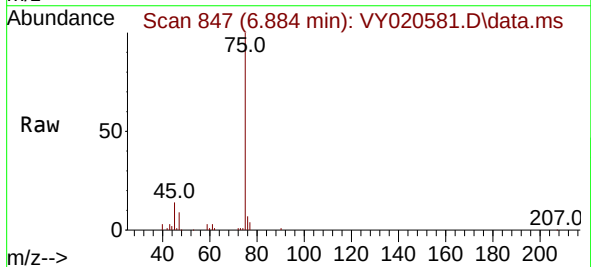


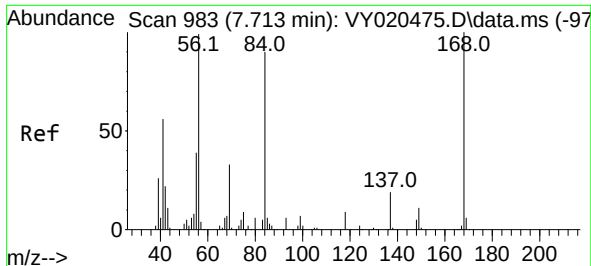
Tgt Ion: 43 Resp: 1583
Ion Ratio Lower Upper
43 100
58 27.0 25.7 38.5



#25
2-Butanone
Concen: 3.254 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.024 min
Lab File: VY020581.D
Acq: 11 Dec 2024 11:42

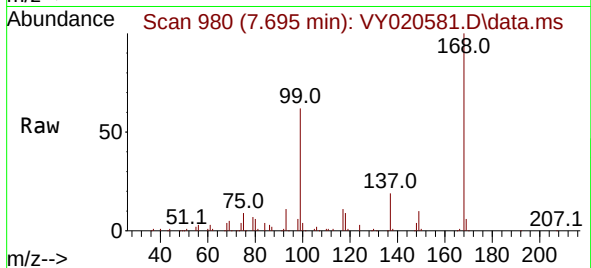
Tgt Ion: 43 Resp: 1811
Ion Ratio Lower Upper
43 100
72 14.7 20.4 30.6#



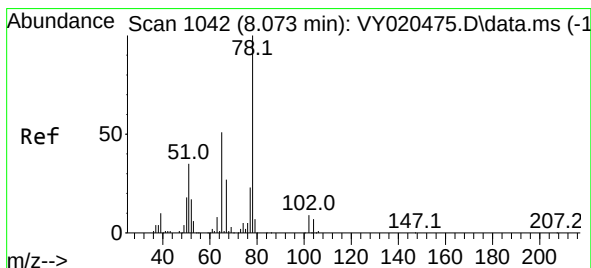
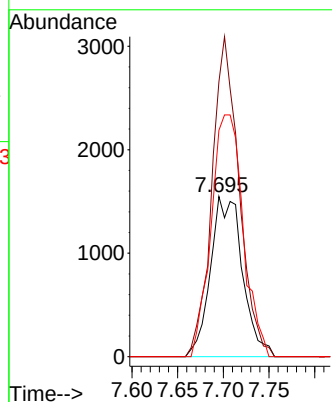
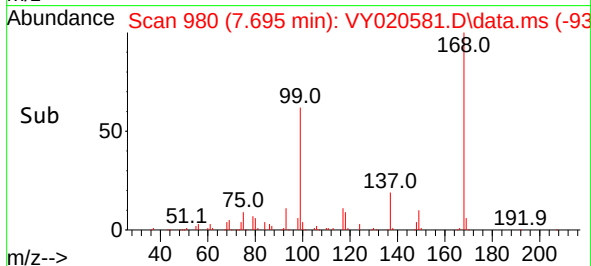


#31
Cyclohexane
Concen: 1.074 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020581.D
Acq: 11 Dec 2024 11:42

Instrument :
MSVOA_Y
ClientSampleId :

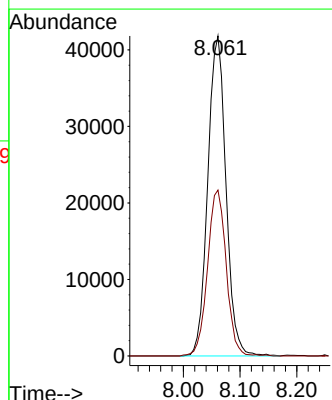
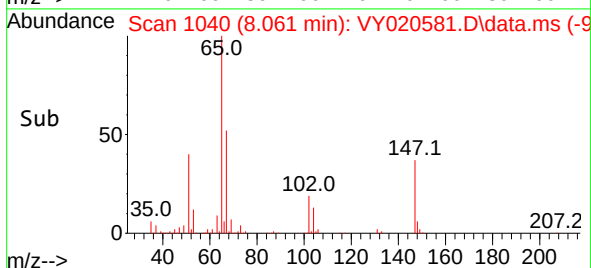
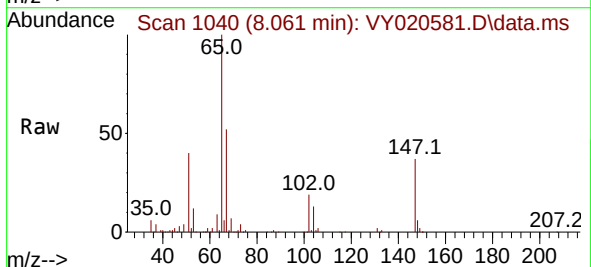


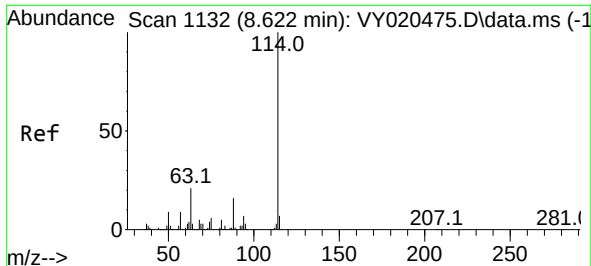
Tgt Ion: 56 Resp: 3752
Ion Ratio Lower Upper
56 100
69 171.6 25.3 37.9#
84 141.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.593 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020581.D
Acq: 11 Dec 2024 11:42

Tgt Ion: 65 Resp: 93216
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.012 min

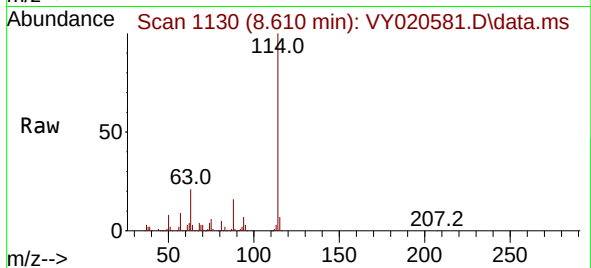
Lab File: VY020581.D

Acq: 11 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :



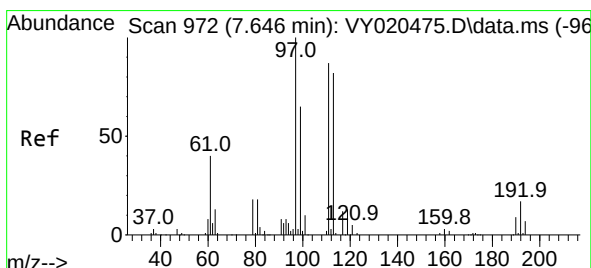
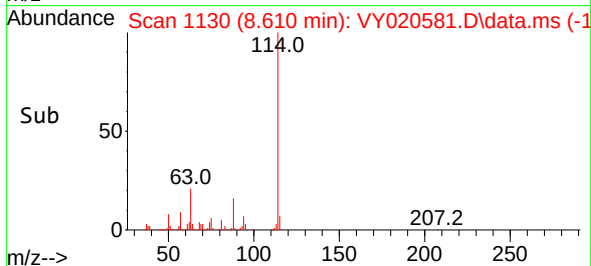
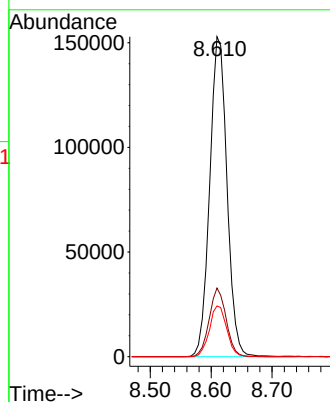
Tgt Ion:114 Resp: 301085

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.8

88 15.8 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.358 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.012 min

Lab File: VY020581.D

Acq: 11 Dec 2024 11:42

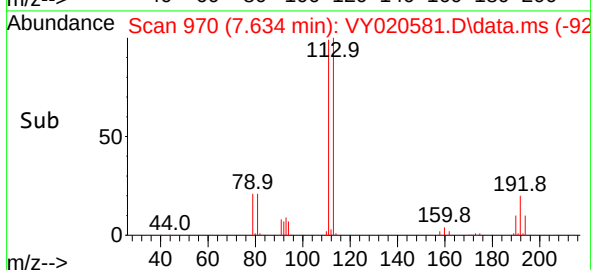
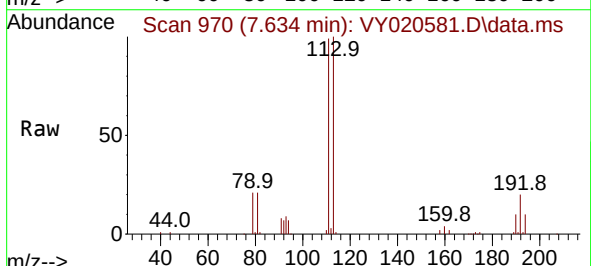
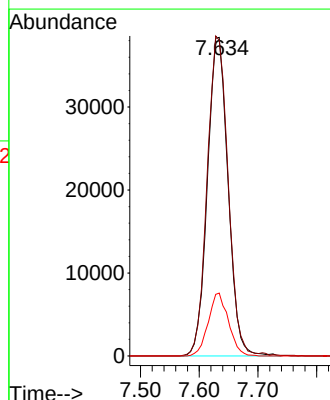
Tgt Ion:113 Resp: 93556

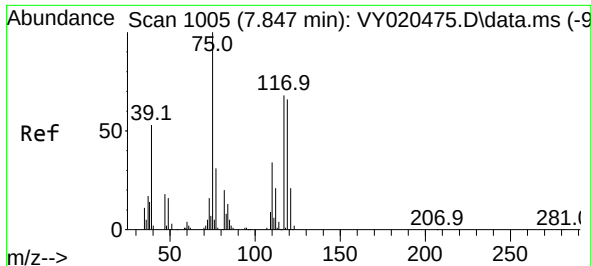
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 19.4 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.655 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.146 min

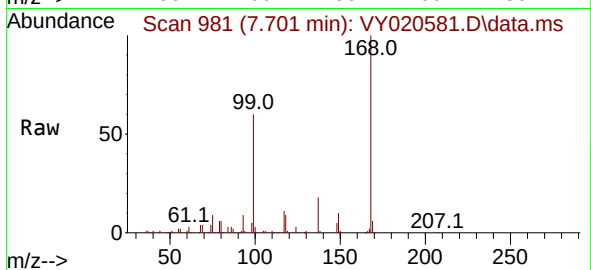
Lab File: VY020581.D

Acq: 11 Dec 2024 11:42

Instrument :

MSVOA_Y

ClientSampleId :



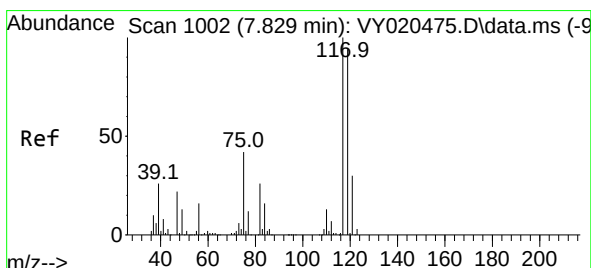
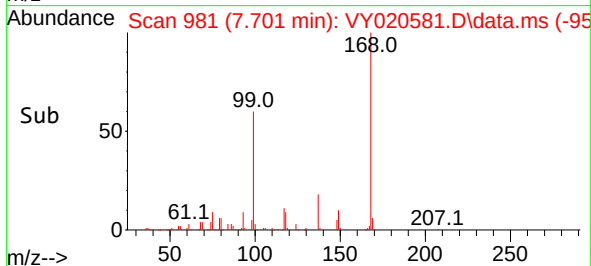
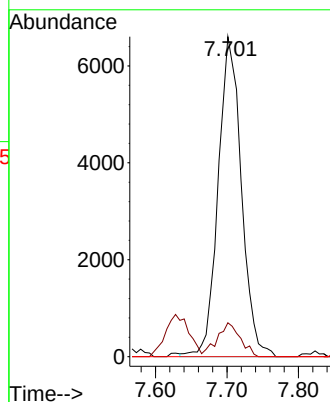
Tgt Ion: 75 Resp: 14901

Ion Ratio Lower Upper

75 100

110 10.5 16.7 50.0#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.682 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY020581.D

Acq: 11 Dec 2024 11:42

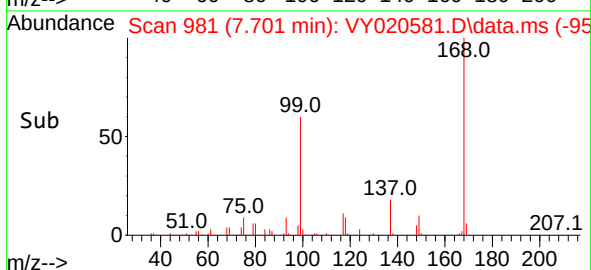
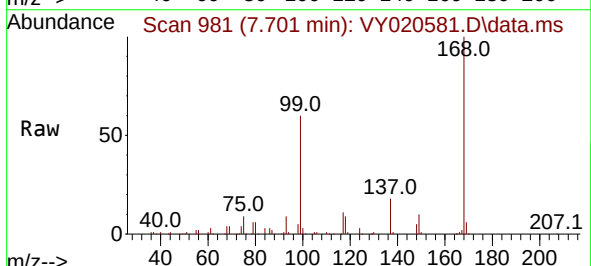
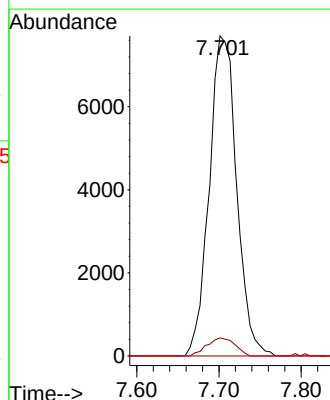
Tgt Ion: 117 Resp: 17887

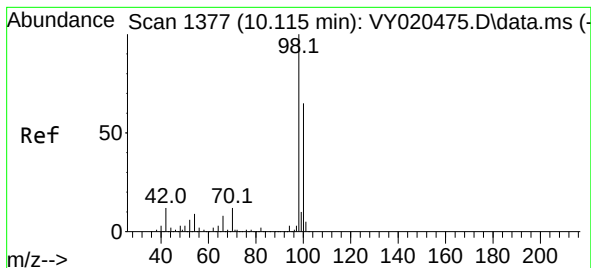
Ion Ratio Lower Upper

117 100

119 5.6 77.8 116.6#

121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 50.214 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020581.D

Acq: 11 Dec 2024 11:42

Instrument :

MSVOA_Y

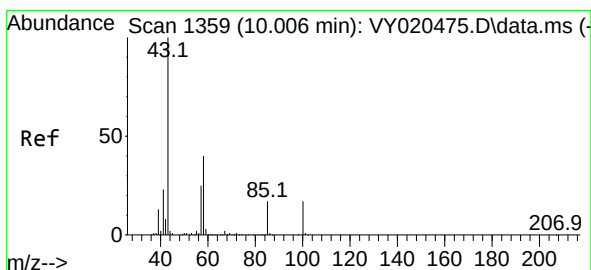
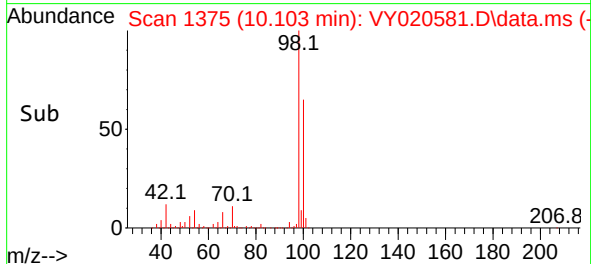
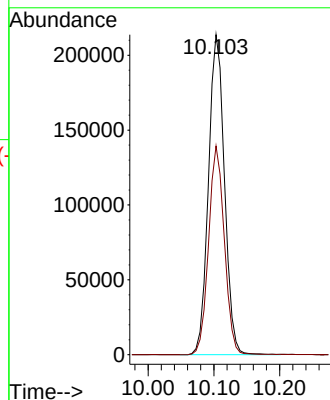
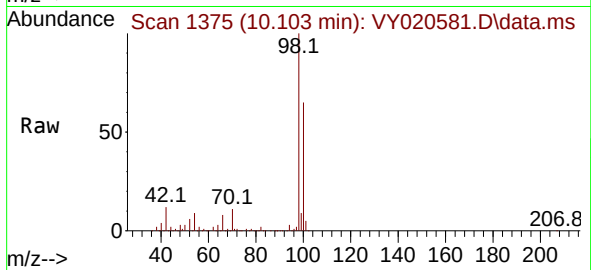
ClientSampleId :

Tgt Ion: 98 Resp: 362426

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 1.033 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VY020581.D

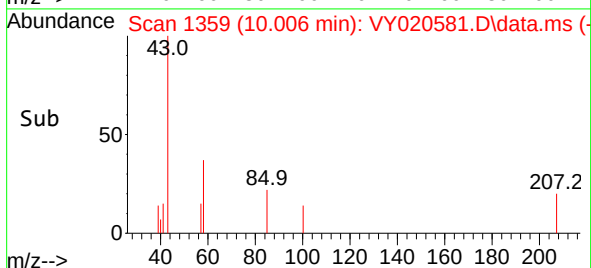
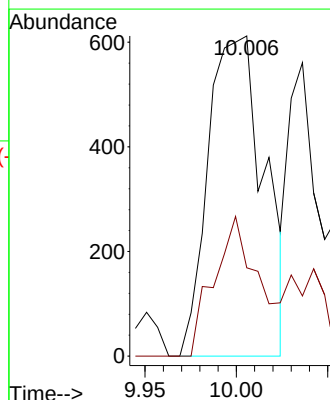
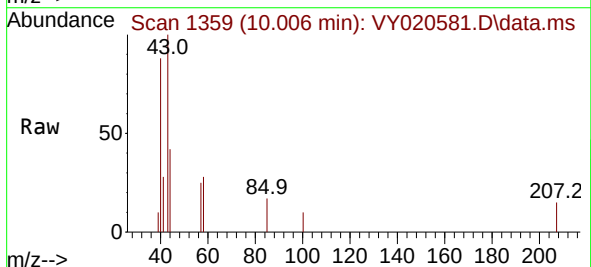
Acq: 11 Dec 2024 11:42

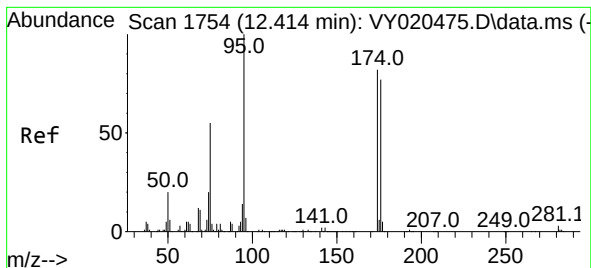
Tgt Ion: 43 Resp: 1306

Ion Ratio Lower Upper

43 100

58 35.3 30.9 46.3

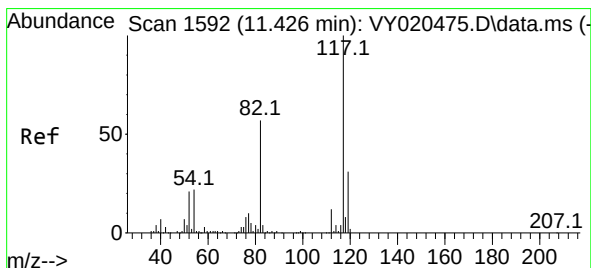
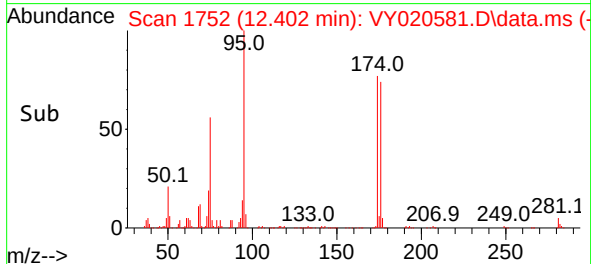
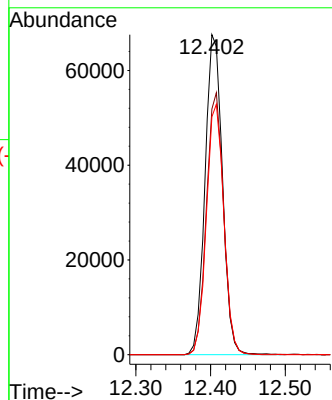
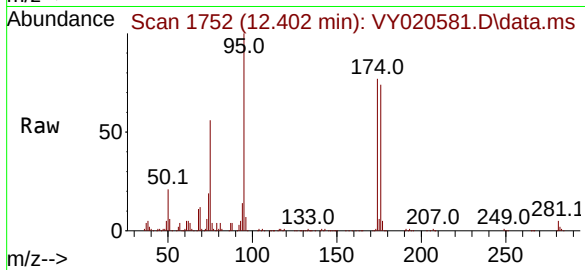




#62
4-Bromofluorobenzene
Concen: 43.167 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020581.D
Acq: 11 Dec 2024 11:42

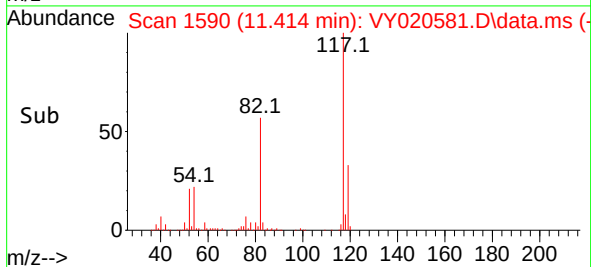
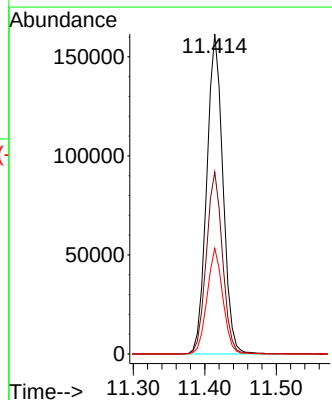
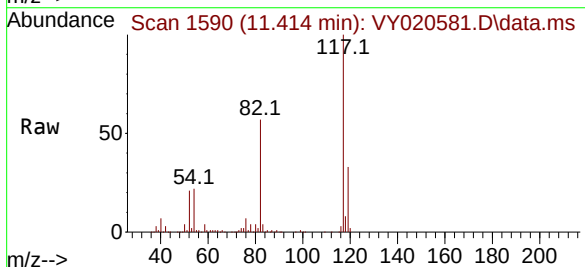
Instrument :
MSVOA_Y
ClientSampleId :

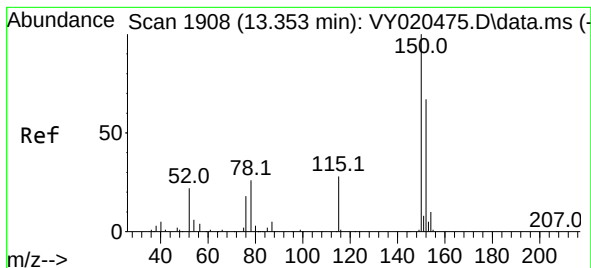
Tgt Ion: 95 Resp: 108968
Ion Ratio Lower Upper
95 100
174 81.2 0.0 156.8
176 78.4 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.012 min
Lab File: VY020581.D
Acq: 11 Dec 2024 11:42

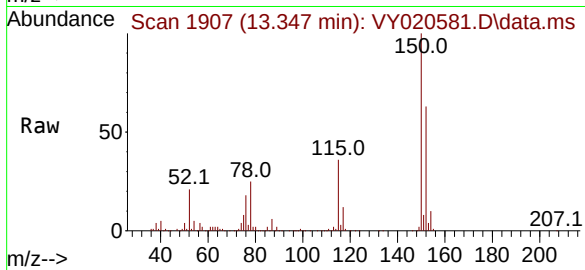
Tgt Ion: 117 Resp: 254115
Ion Ratio Lower Upper
117 100
82 56.9 48.2 72.4
119 33.1 25.8 38.8



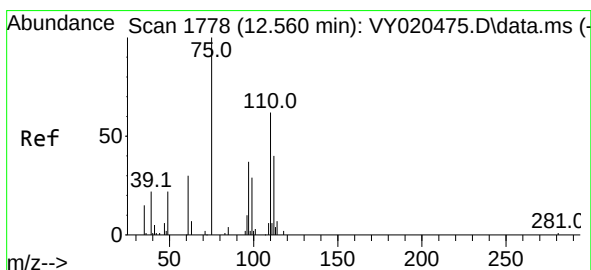
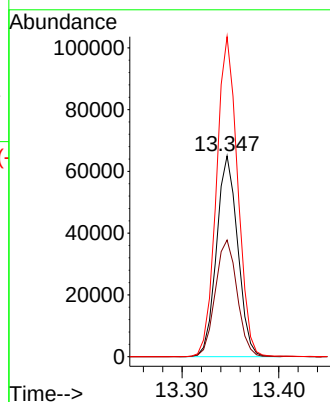
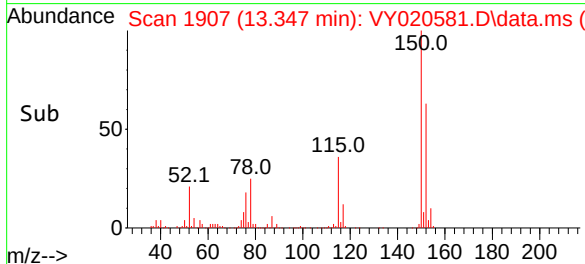


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VY020581.D
Acq: 11 Dec 2024 11:42

Instrument :
MSVOA_Y
ClientSampleId :

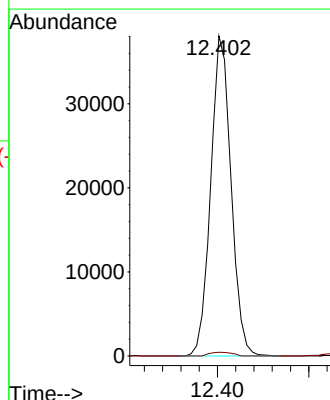
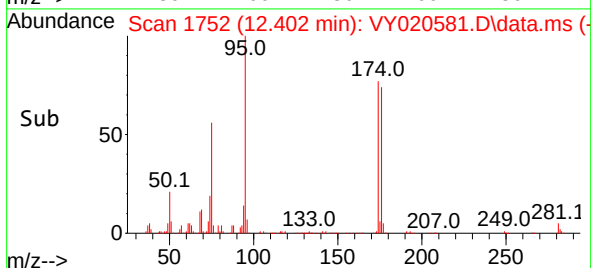
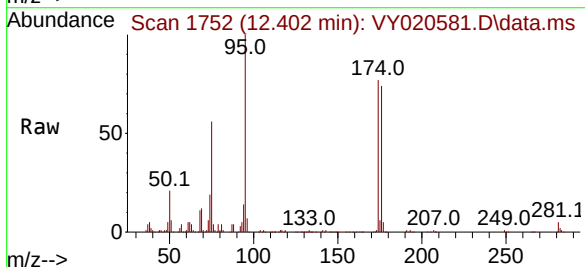


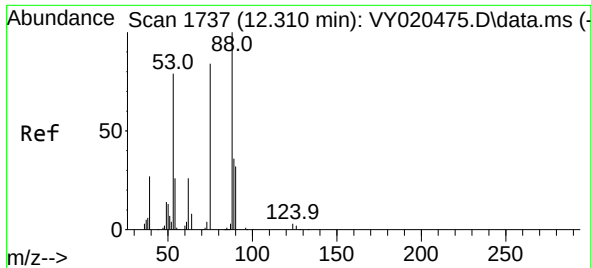
Tgt Ion:152 Resp: 98775
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.0
150 159.6 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 58.310 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020581.D
Acq: 11 Dec 2024 11:42

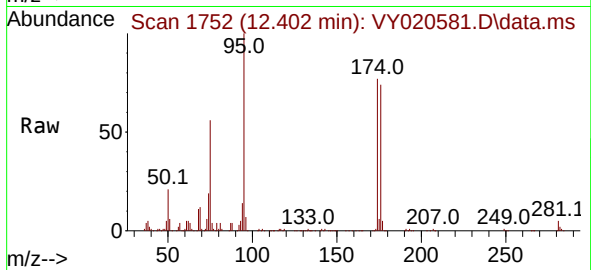
Tgt Ion: 75 Resp: 58672
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.644 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.091 min
 Lab File: VY020581.D
 Acq: 11 Dec 2024 11:42

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 58672
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.0 35.1 52.7#

