

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021381.D
 Acq On : 28 Feb 2025 15:31
 Operator : SY/MD
 Sample : Q1422-02
 Misc : 8.94g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-154-SB02

Quant Time: Feb 28 22:20:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

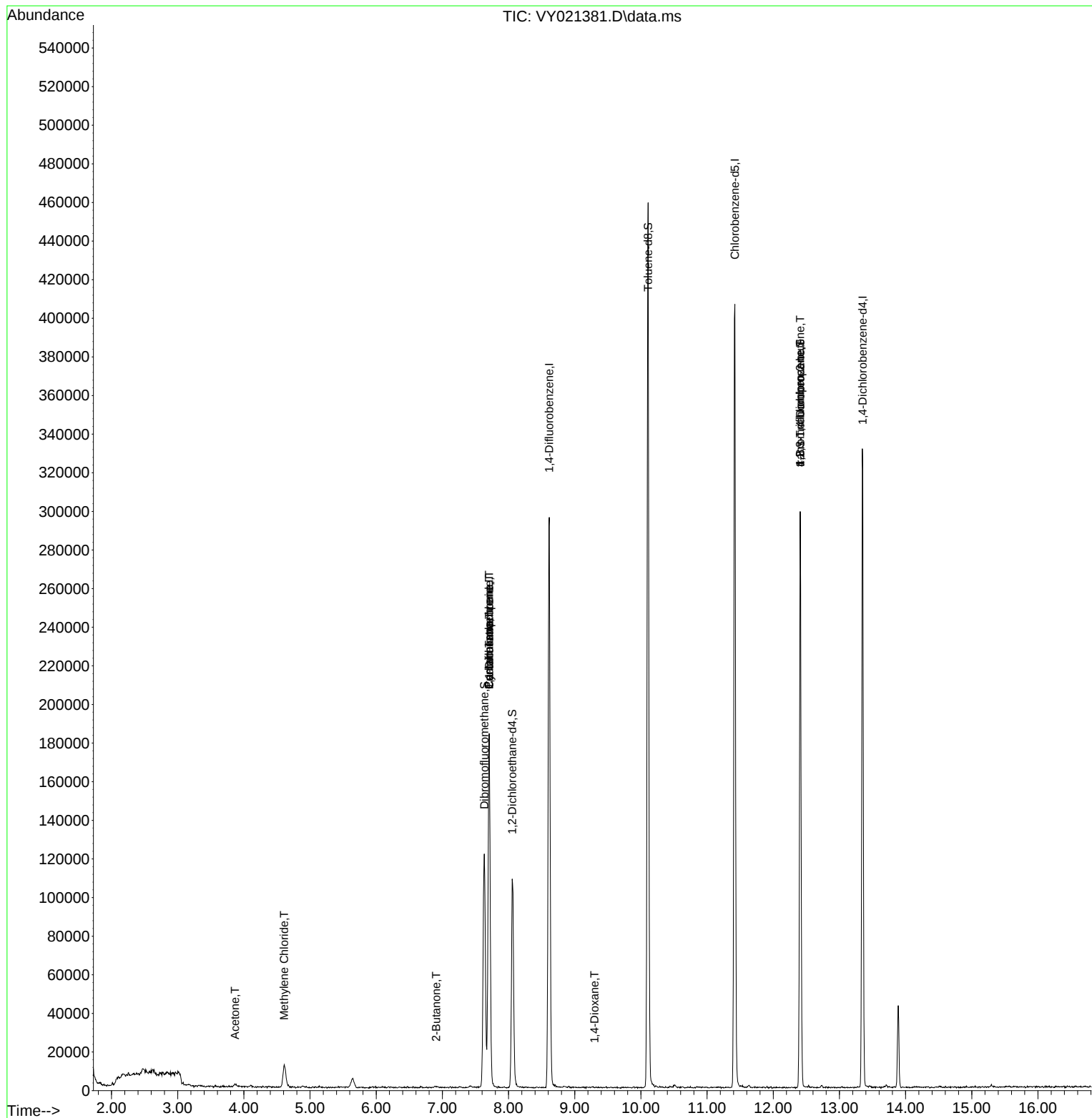
Internal Standards						
1) Pentafluorobenzene	7.707	168	137587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	246433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	216935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	82177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	87320	55.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.900%
35) Dibromofluoromethane	7.634	113	87068	53.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.780%
50) Toluene-d8	10.109	98	296249	47.445	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.900%
62) 4-Bromofluorobenzene	12.407	95	86661	41.240	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.480%
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	2931	9.790	ug/l	99
20) Methylene Chloride	4.610	84	8247	5.094	ug/l #	89
25) 2-Butanone	6.908	43	627	1.388	ug/l #	52
31) Cyclohexane	7.707	56	3323	1.208	ug/l #	15
36) 1,1-Dichloropropene	7.707	75	11217	4.622	ug/l #	51
38) Carbon Tetrachloride	7.707	117	13608	4.988	ug/l #	18
49) 1,4-Dioxane	9.298	88	19	1.811	ug/l #	20
76) 1,2,3-Trichloropropane	12.407	75	46749	56.834	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	46749	126.323	ug/l #	10

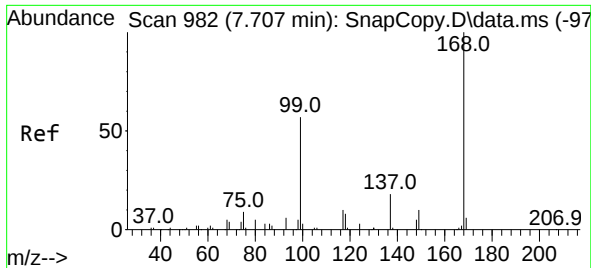
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021381.D
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Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
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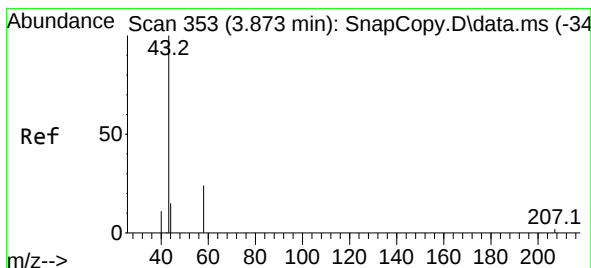
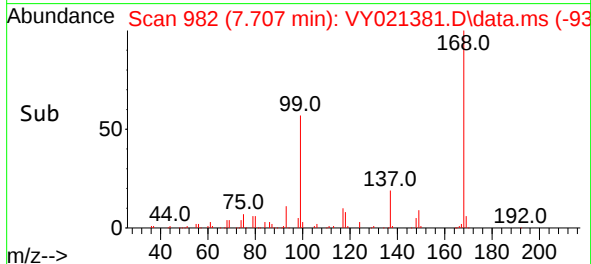
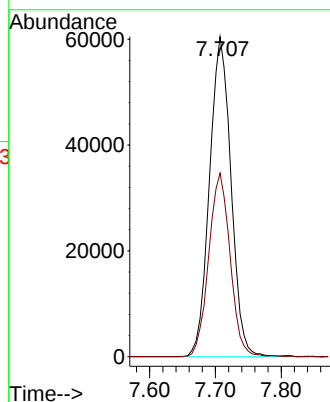
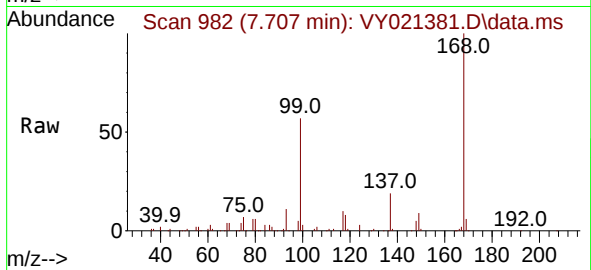




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021381.D
Acq: 28 Feb 2025 15:31

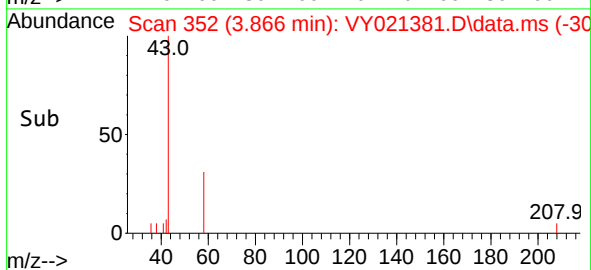
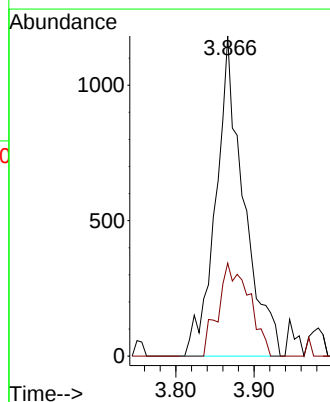
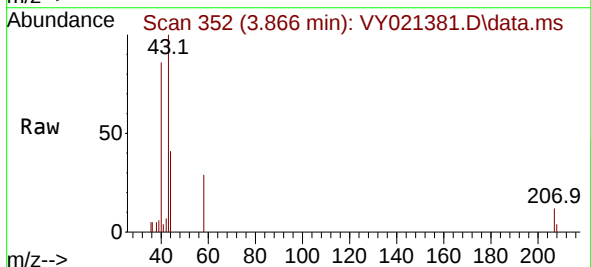
Instrument :
MSVOA_Y
ClientSampleId :
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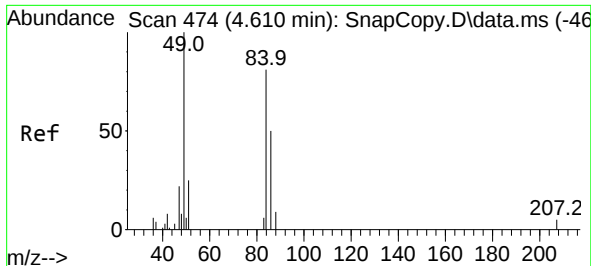
Tgt Ion:168 Resp: 137587
Ion Ratio Lower Upper
168 100
99 57.4 47.1 70.7



#16
Acetone
Concen: 9.790 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY021381.D
Acq: 28 Feb 2025 15:31

Tgt Ion: 43 Resp: 2931
Ion Ratio Lower Upper
43 100
58 29.0 23.5 35.3

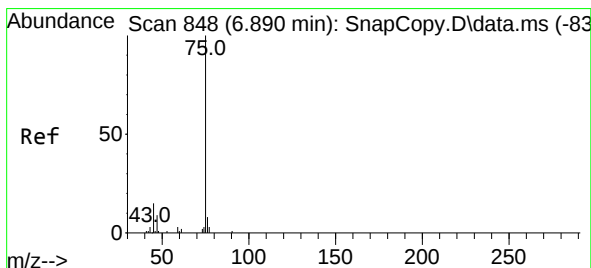
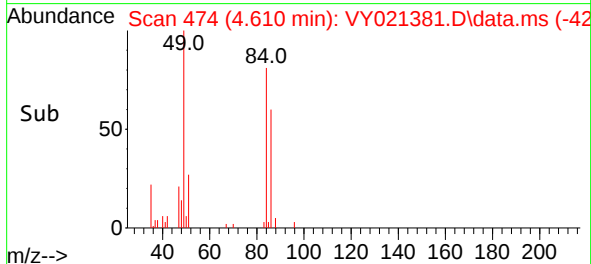
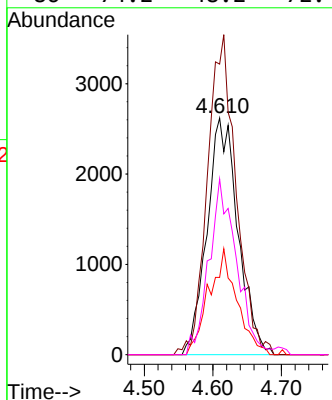
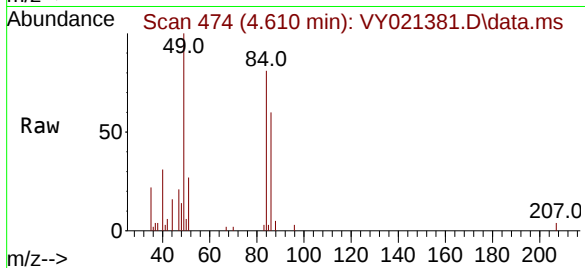




#20
Methylene Chloride
Concen: 5.094 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY021381.D
Acq: 28 Feb 2025 15:31

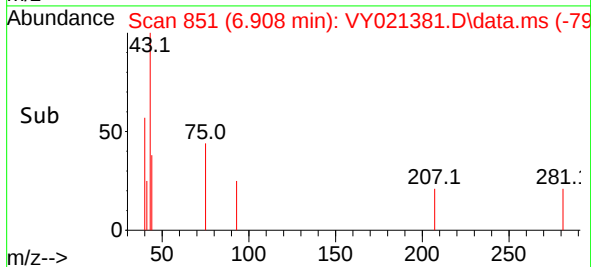
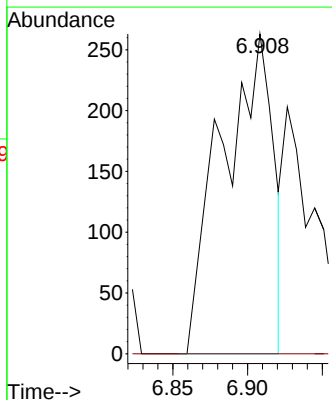
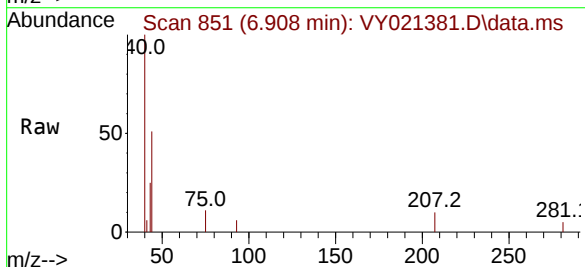
Instrument :
MSVOA_Y
ClientSampleId :
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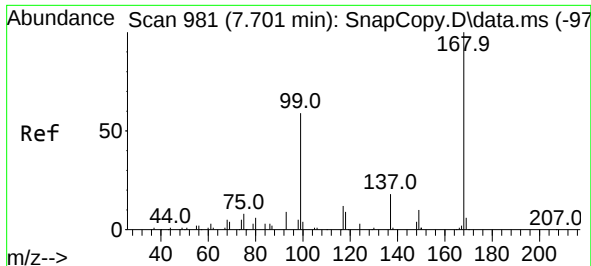
Tgt Ion: 84 Resp: 8247
Ion Ratio Lower Upper
84 100
49 122.8 105.1 157.7
51 32.7 31.0 46.4
86 74.2 48.2 72.4#



#25
2-Butanone
Concen: 1.388 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.018 min
Lab File: VY021381.D
Acq: 28 Feb 2025 15:31

Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
72 0.0 19.0 28.6#

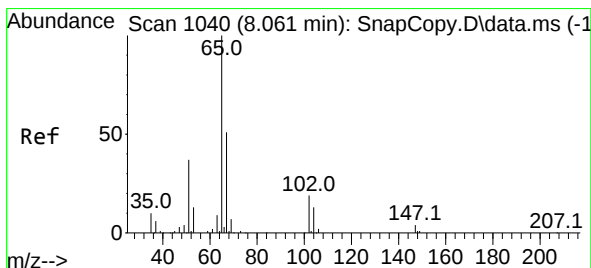
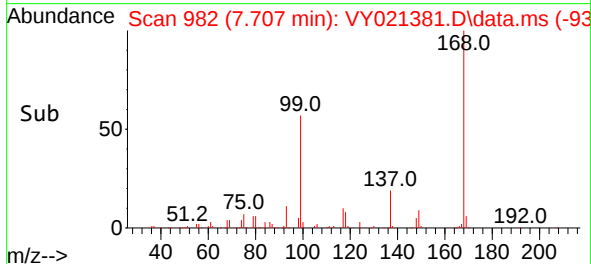
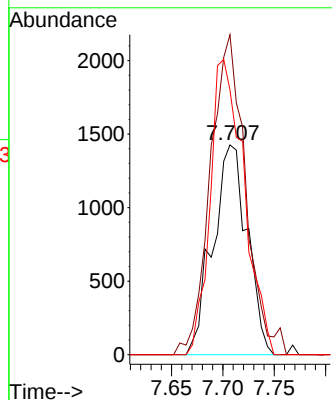
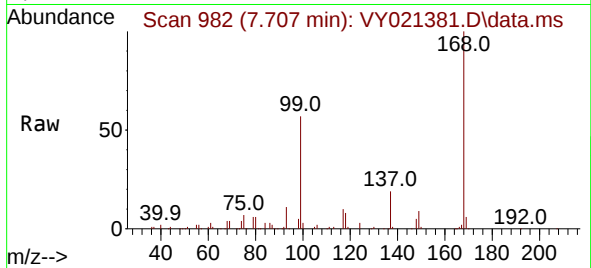




#31
Cyclohexane
Concen: 1.208 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021381.D
Acq: 28 Feb 2025 15:31

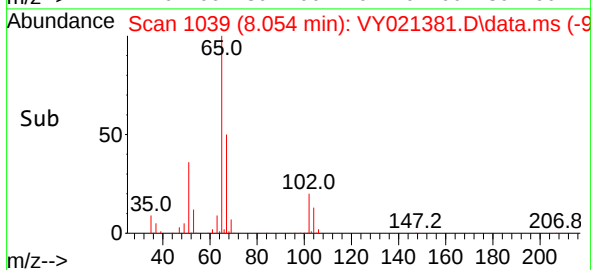
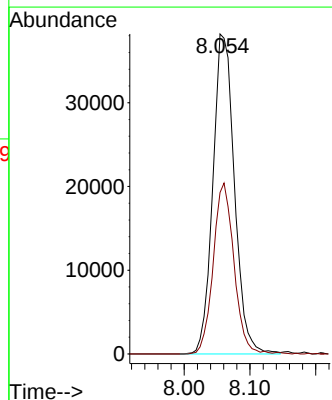
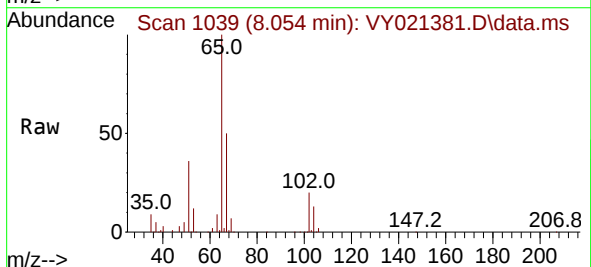
Instrument :
MSVOA_Y
ClientSampleId :
B-154-SB02

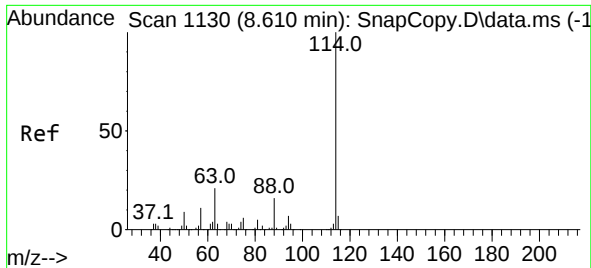
Tgt Ion: 56 Resp: 3323
Ion Ratio Lower Upper
56 100
69 146.9 26.2 39.4#
84 126.2 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 55.946 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY021381.D
Acq: 28 Feb 2025 15:31

Tgt Ion: 65 Resp: 87320
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.6

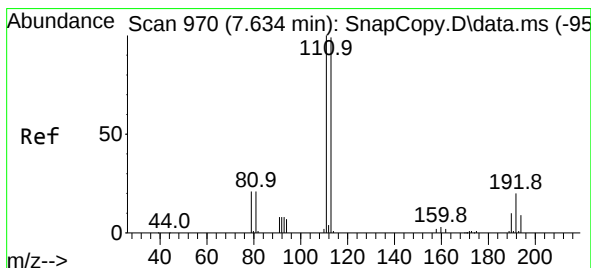
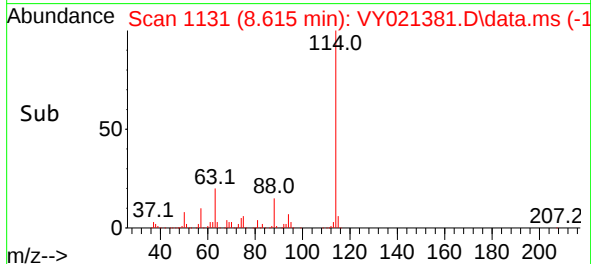
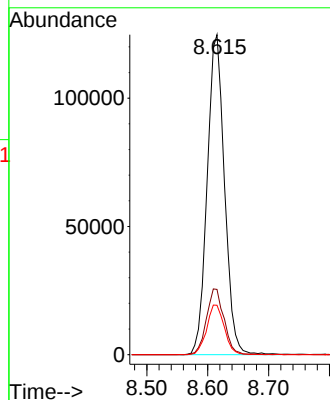
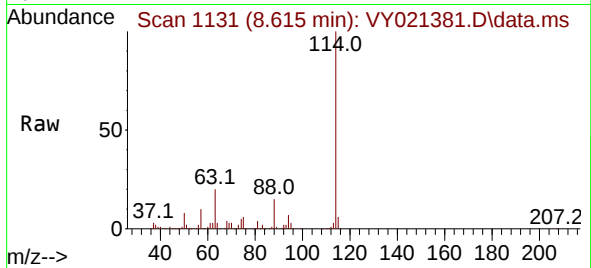




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VY021381.D
Acq: 28 Feb 2025 15:31

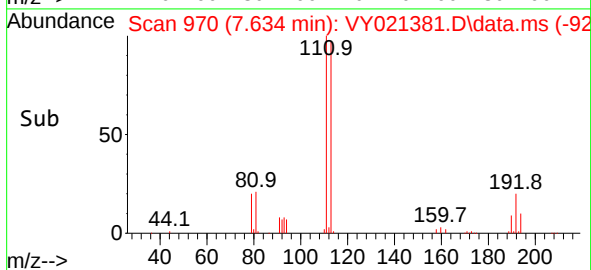
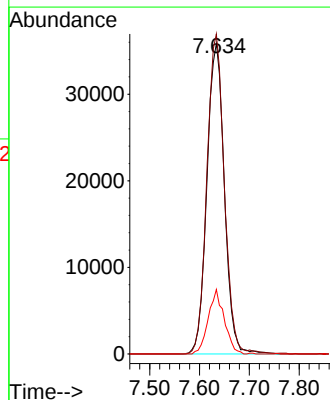
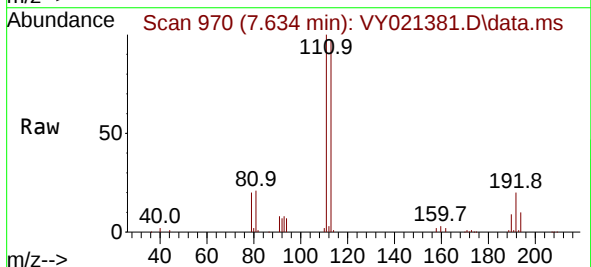
Instrument :
MSVOA_Y
ClientSampleId :
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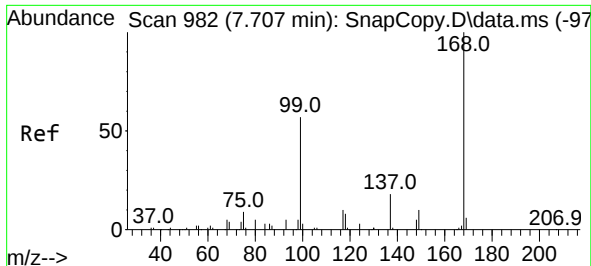
Tgt Ion:114 Resp: 246433
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.2
88 15.4 0.0 29.8



#35
Dibromofluoromethane
Concen: 53.891 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021381.D
Acq: 28 Feb 2025 15:31

Tgt Ion:113 Resp: 87068
Ion Ratio Lower Upper
113 100
111 102.9 81.0 121.6
192 19.1 15.8 23.8

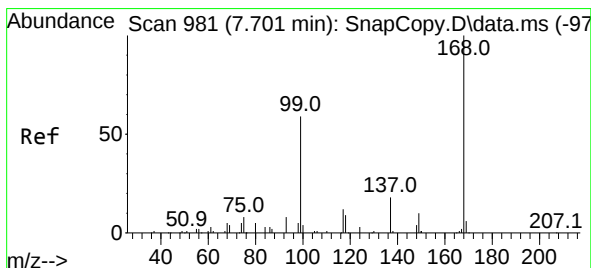
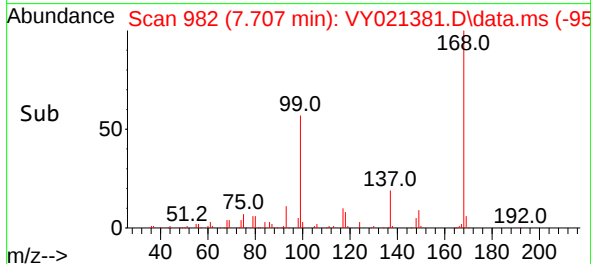
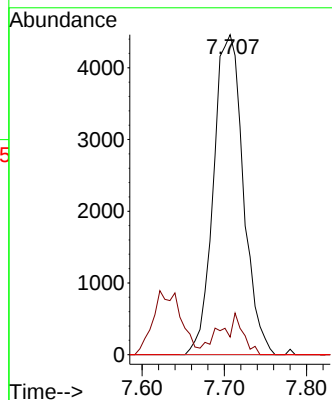
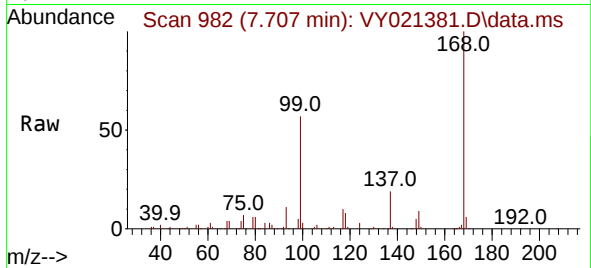




#36
 1,1-Dichloropropene
 Concen: 4.622 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.128 min
 Lab File: VY021381.D
 Acq: 28 Feb 2025 15:31

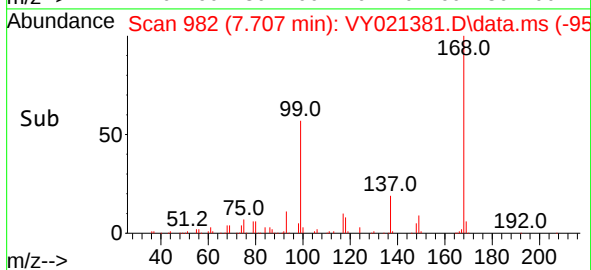
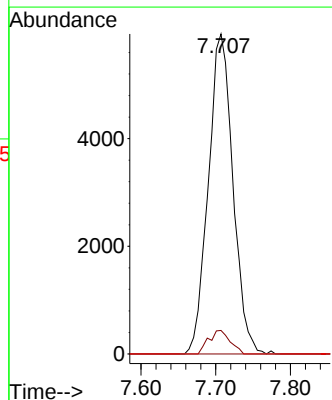
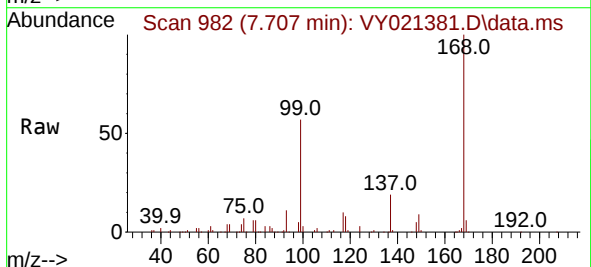
Instrument :
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 B-154-SB02

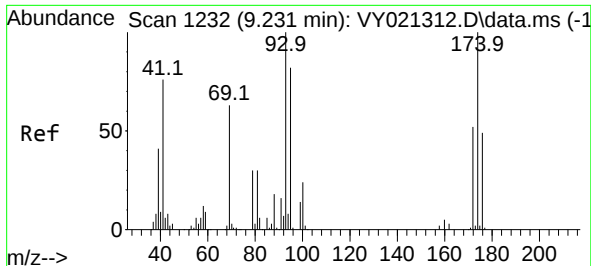
Tgt Ion: 75 Resp: 11217
 Ion Ratio Lower Upper
 75 100
 110 9.9 16.9 50.7#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 4.988 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY021381.D
 Acq: 28 Feb 2025 15:31

Tgt Ion: 117 Resp: 13608
 Ion Ratio Lower Upper
 117 100
 119 7.4 76.0 114.0#
 121 0.0 24.9 37.3#





#49

1,4-Dioxane

Concen: 1.811 ug/l

RT: 9.298 min Scan# 11

Delta R.T. 0.067 min

Lab File: VY021381.D

Acq: 28 Feb 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

B-154-SB02

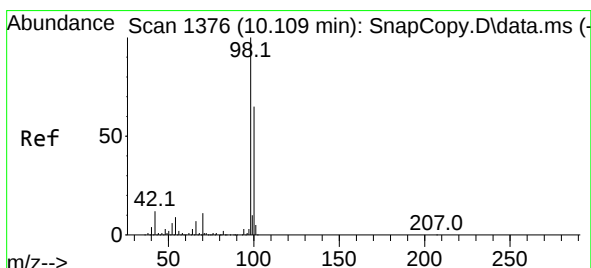
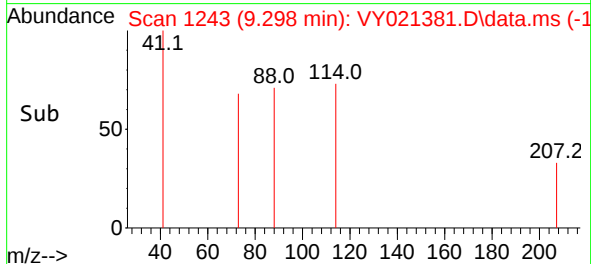
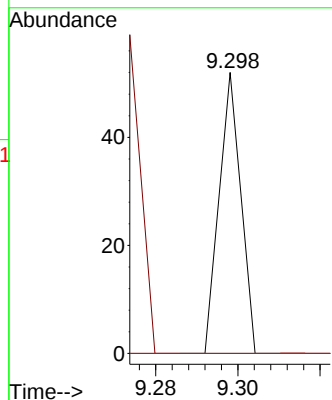
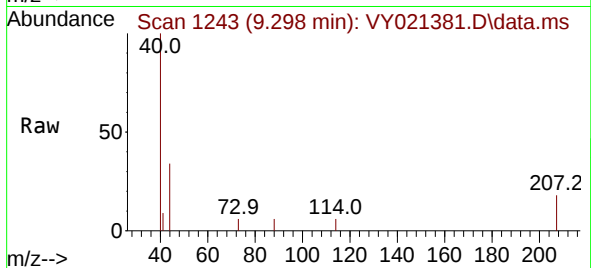
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 34.8 52.2#

58 0.0 59.8 89.6#



#50

Toluene-d8

Concen: 47.445 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY021381.D

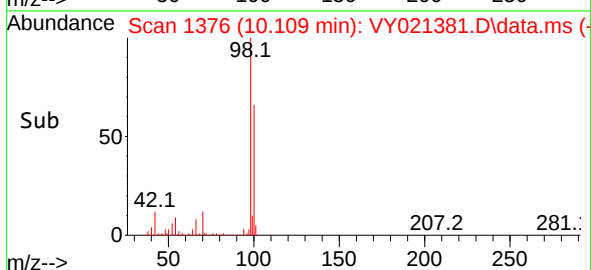
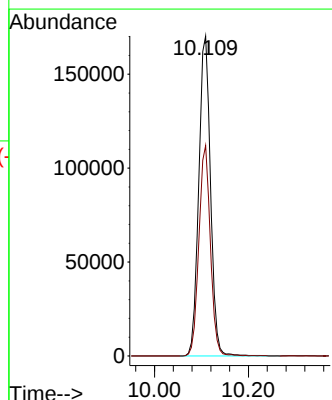
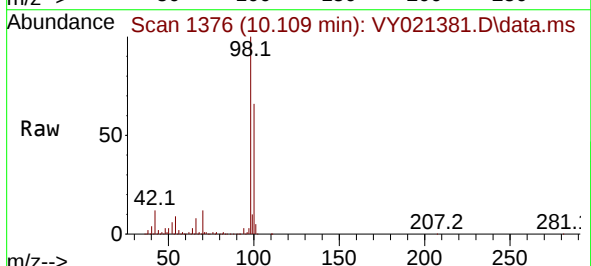
Acq: 28 Feb 2025 15:31

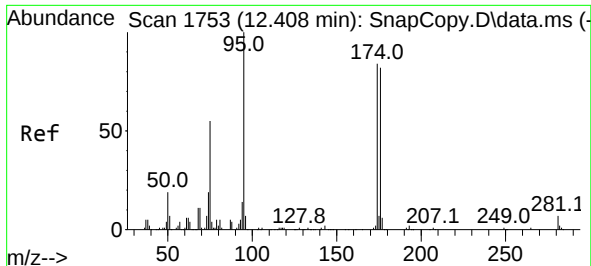
Tgt Ion: 98 Resp: 296249

Ion Ratio Lower Upper

98 100

100 64.6 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 41.240 ug/l

RT: 12.407 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021381.D

Acq: 28 Feb 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

B-154-SB02

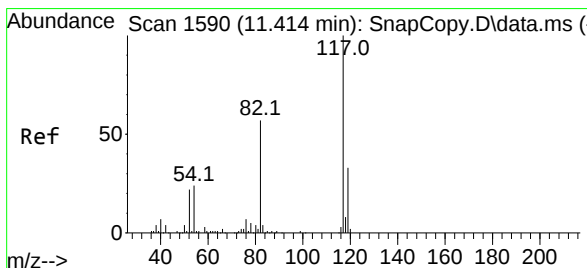
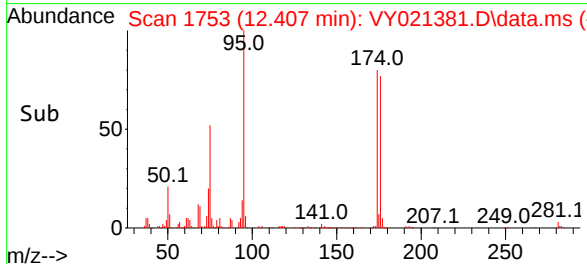
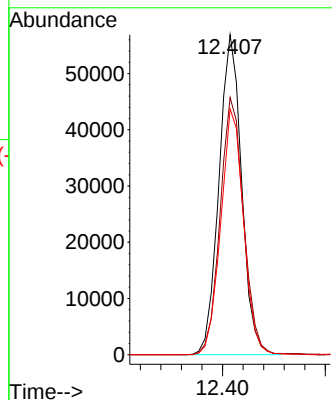
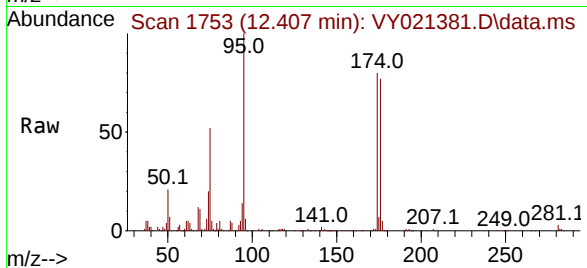
Tgt Ion: 95 Resp: 86661

Ion Ratio Lower Upper

95 100

174 83.3 0.0 168.0

176 77.6 0.0 162.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY021381.D

Acq: 28 Feb 2025 15:31

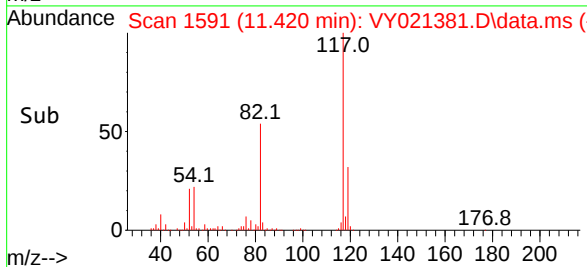
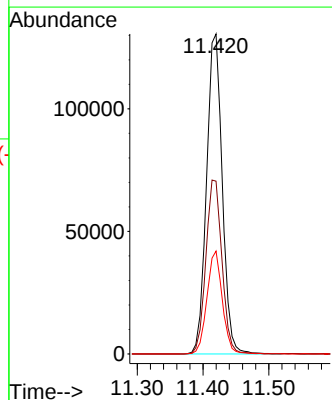
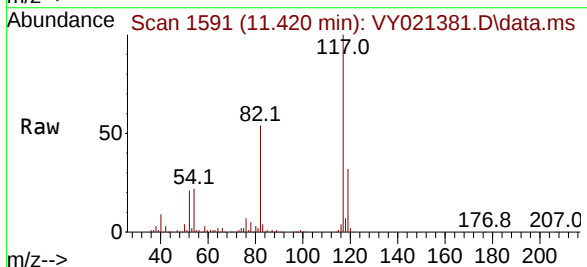
Tgt Ion: 117 Resp: 216935

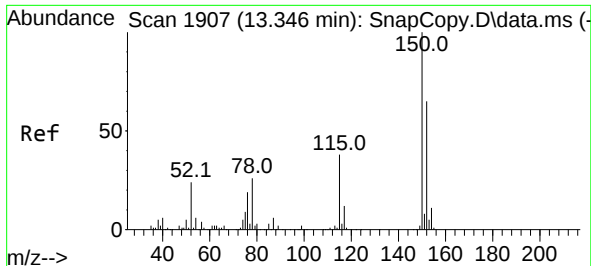
Ion Ratio Lower Upper

117 100

82 54.0 46.2 69.4

119 32.2 24.9 37.3

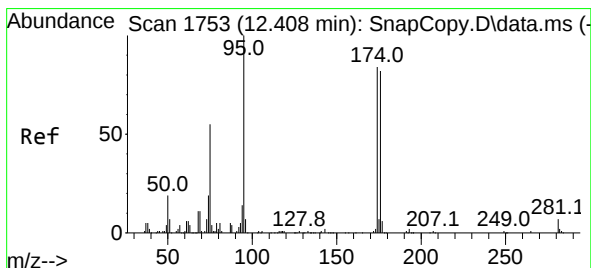
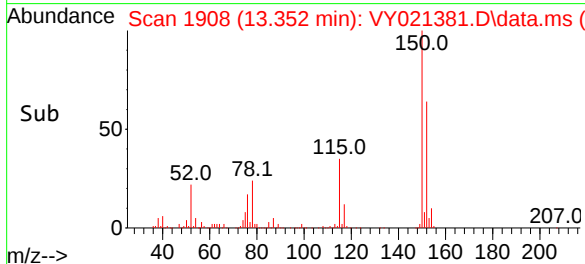
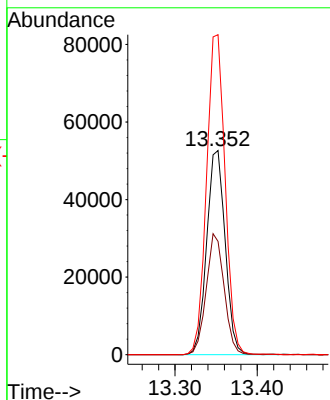
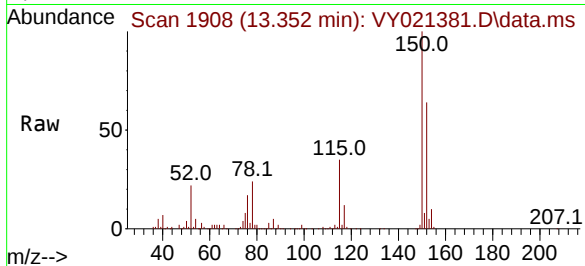




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: VY021381.D
 Acq: 28 Feb 2025 15:31

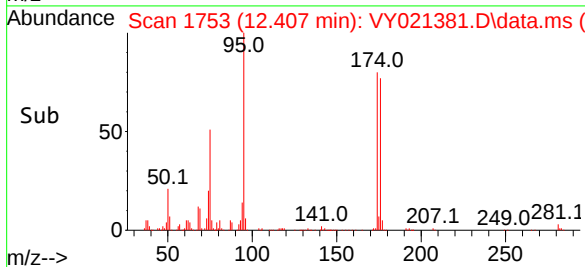
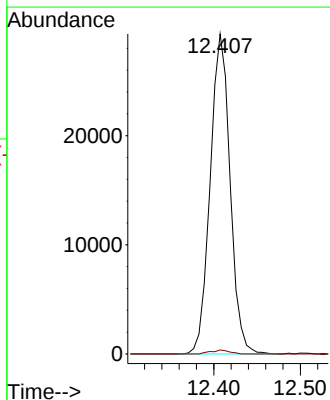
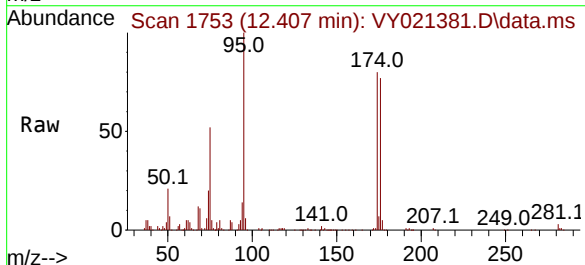
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-154-SB02

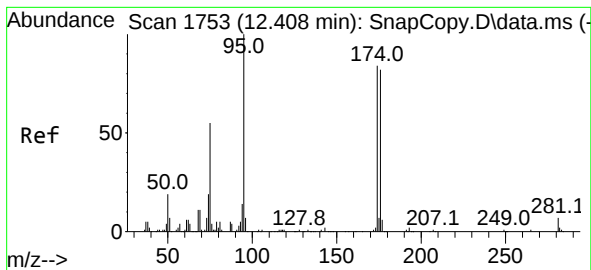
Tgt Ion:152 Resp: 82177
 Ion Ratio Lower Upper
 152 100
 115 57.6 29.3 88.0
 150 157.2 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 56.834 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.153 min
 Lab File: VY021381.D
 Acq: 28 Feb 2025 15:31

Tgt Ion: 75 Resp: 46749
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.323 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY021381.D
 Acq: 28 Feb 2025 15:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-154-SB02

Tgt Ion: 75 Resp: 46749
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.1 118.7#
 89 0.2 35.6 53.4#

