

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020152.D
 Acq On : 04 Nov 2024 18:54
 Operator : SY/MD
 Sample : P4685-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:36:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

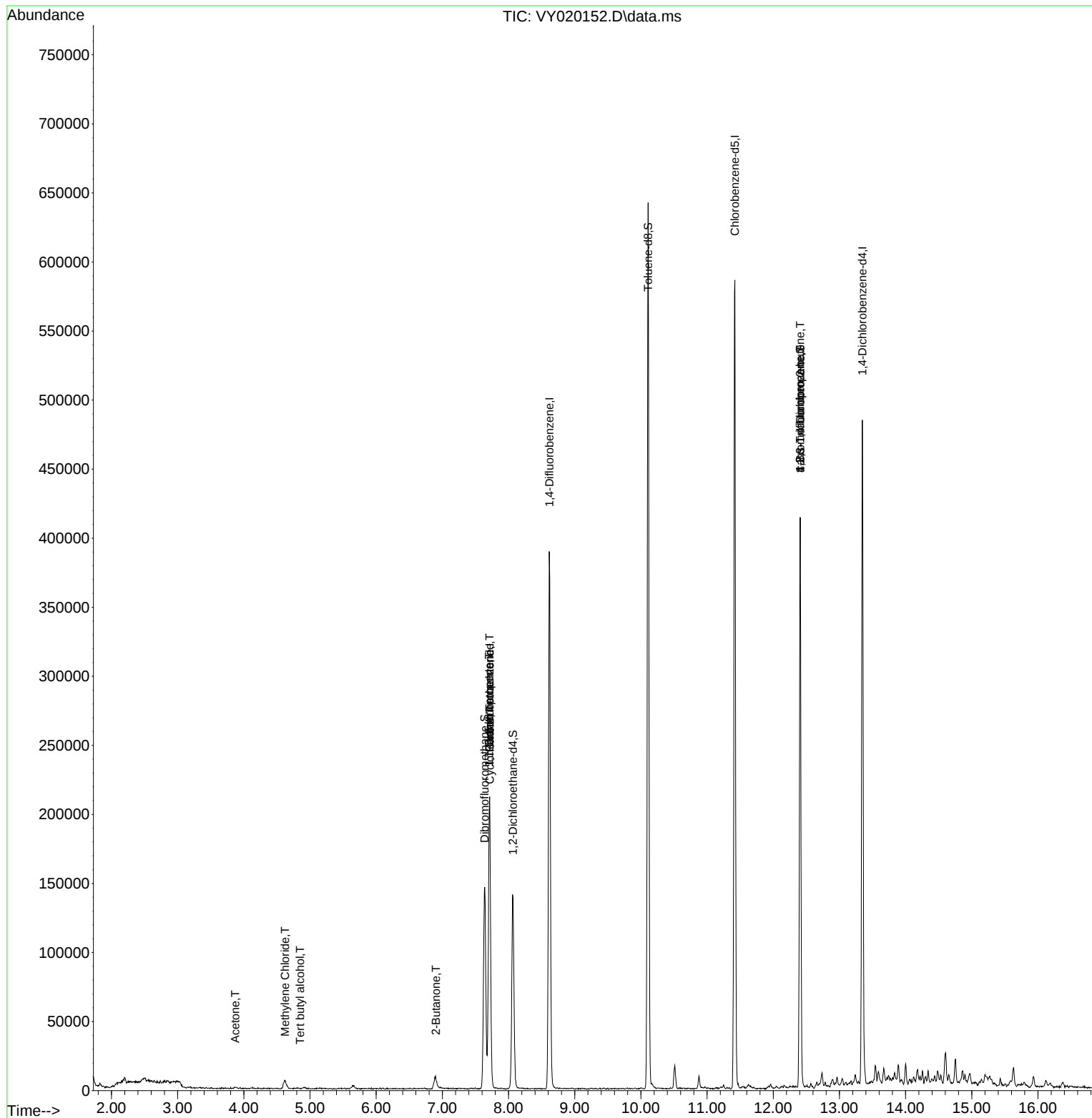
Internal Standards						
1) Pentafluorobenzene	7.713	168	144791	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	306865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	290042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	108315	59.939	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.880%	
35) Dibromofluoromethane	7.640	113	103508	53.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.100%	
50) Toluene-d8	10.109	98	388970	50.086	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	12.408	95	117561	46.605	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	253	1.946	ug/l	# 88
16) Acetone	3.873	43	1763	4.195	ug/l	# 58
20) Methylene Chloride	4.622	84	3969	2.102	ug/l	# 82
25) 2-Butanone	6.902	43	722	1.267	ug/l	# 65
31) Cyclohexane	7.719	56	4720	1.439	ug/l	# 29
36) 1,1-Dichloropropene	7.707	75	15066	4.999	ug/l	# 47
38) Carbon Tetrachloride	7.713	117	16862	5.564	ug/l	# 15
76) 1,2,3-Trichloropropane	12.408	75	67955	68.064	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	67955	146.404	ug/l	# 16

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

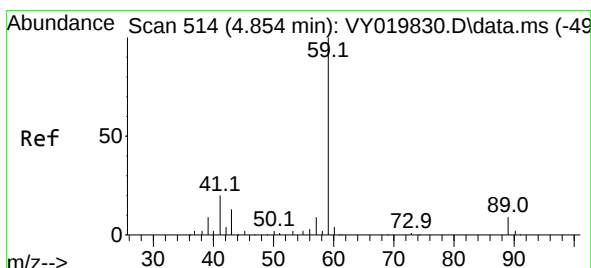
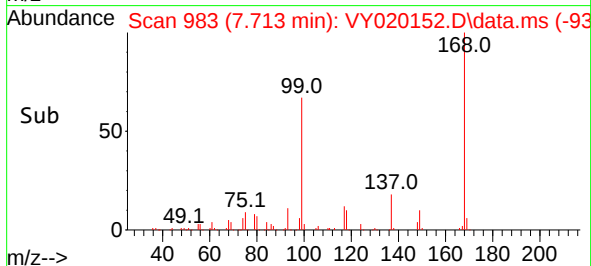
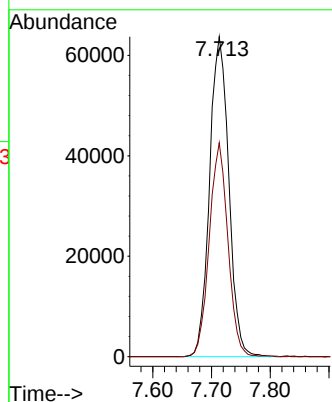
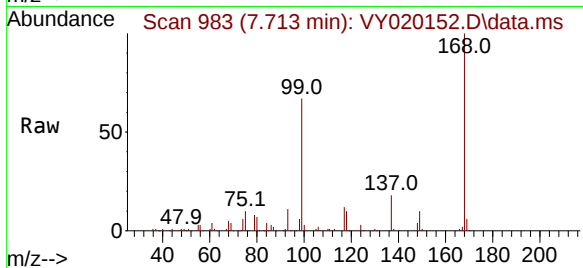




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020152.D
Acq: 04 Nov 2024 18:54

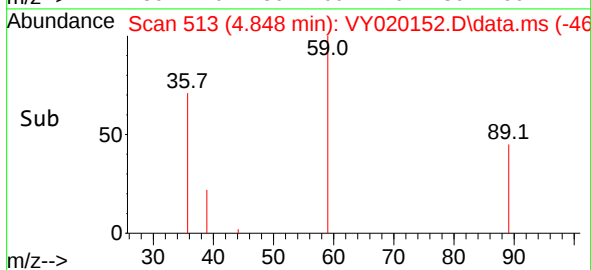
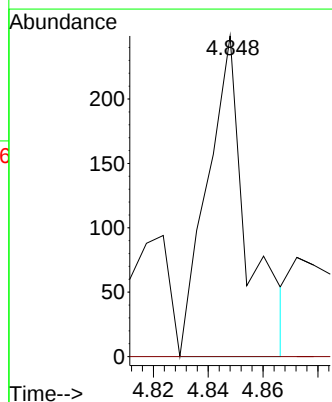
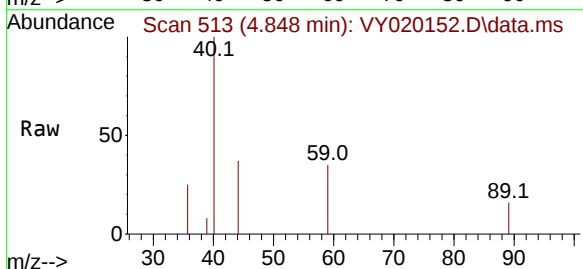
Instrument :
MSVOA_Y
ClientSampleId :

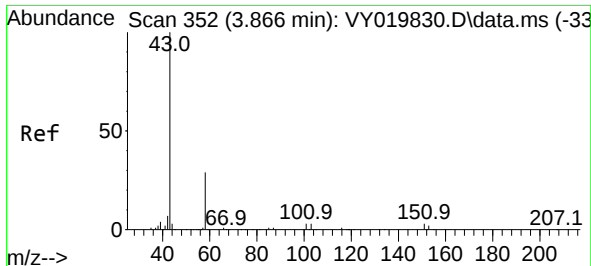
Tgt Ion:168 Resp: 144791
Ion Ratio Lower Upper
168 100
99 66.8 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.946 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY020152.D
Acq: 04 Nov 2024 18:54

Tgt Ion: 59 Resp: 253
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

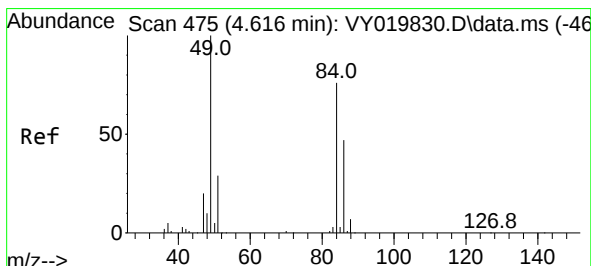
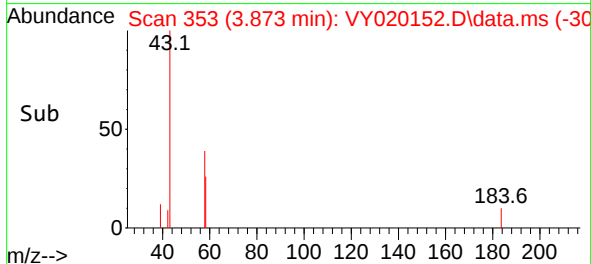
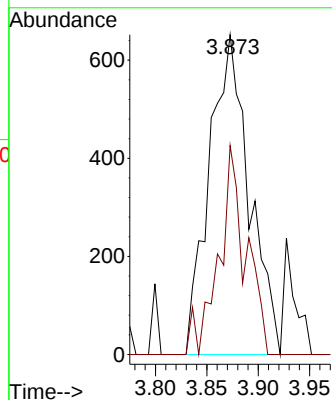
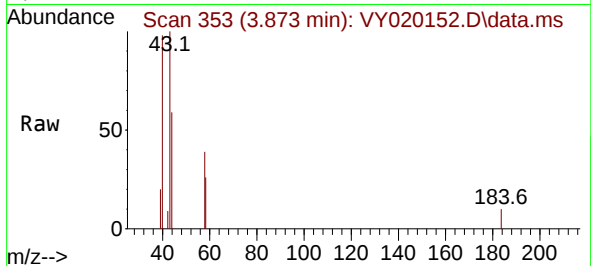




#16
Acetone
Concen: 4.195 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020152.D
Acq: 04 Nov 2024 18:54

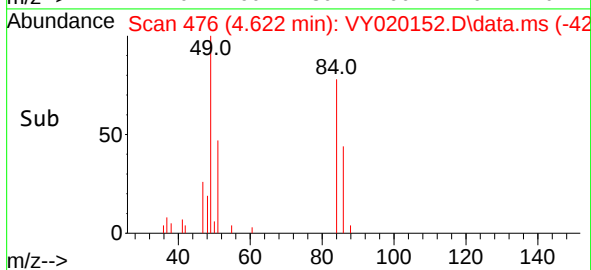
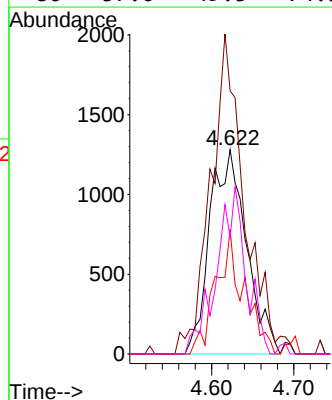
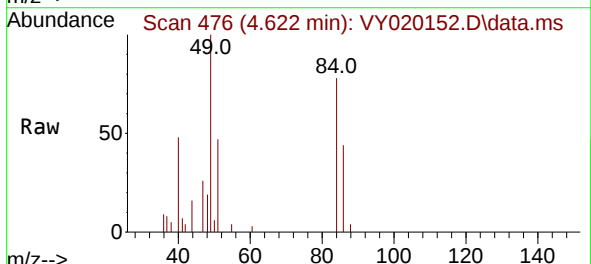
Instrument :
MSVOA_Y
ClientSampleId :

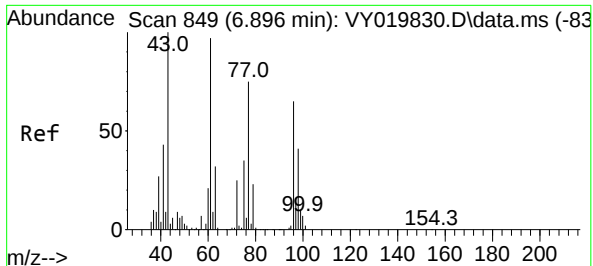
Tgt Ion: 43 Resp: 1763
Ion Ratio Lower Upper
43 100
58 65.3 31.7 47.5#



#20
Methylene Chloride
Concen: 2.102 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020152.D
Acq: 04 Nov 2024 18:54

Tgt Ion: 84 Resp: 3969
Ion Ratio Lower Upper
84 100
49 120.0 84.4 126.6
51 61.0 26.0 39.0#
86 57.0 49.5 74.3





#25

2-Butanone

Concen: 1.267 ug/l

RT: 6.902 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY020152.D

Acq: 04 Nov 2024 18:54

Instrument :

MSVOA_Y

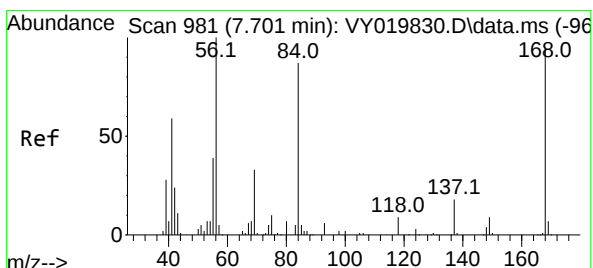
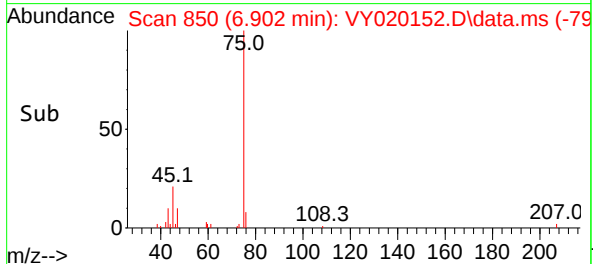
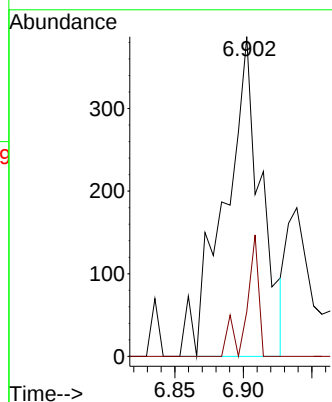
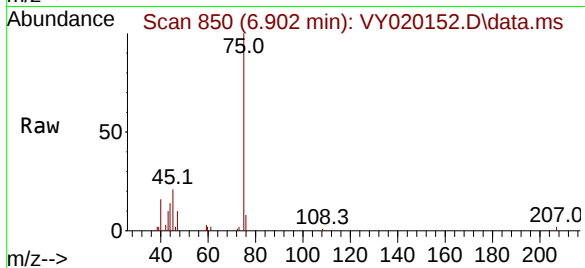
ClientSampleId :

Tgt Ion: 43 Resp: 722

Ion Ratio Lower Upper

43 100

72 14.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.439 ug/l

RT: 7.719 min Scan# 984

Delta R.T. 0.019 min

Lab File: VY020152.D

Acq: 04 Nov 2024 18:54

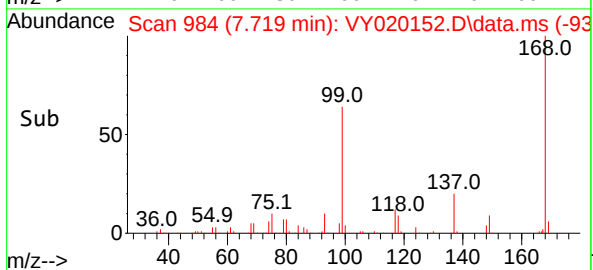
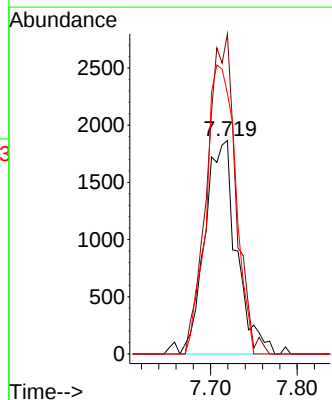
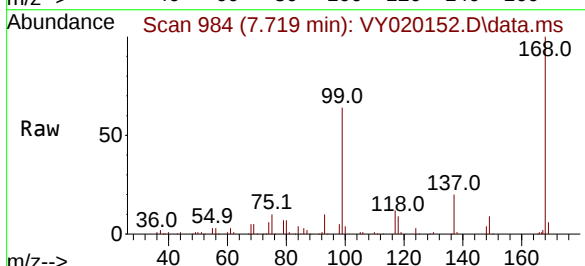
Tgt Ion: 56 Resp: 4720

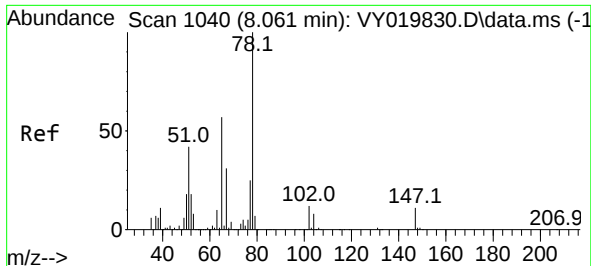
Ion Ratio Lower Upper

56 100

69 149.9 28.7 43.1#

84 122.1 77.7 116.5#

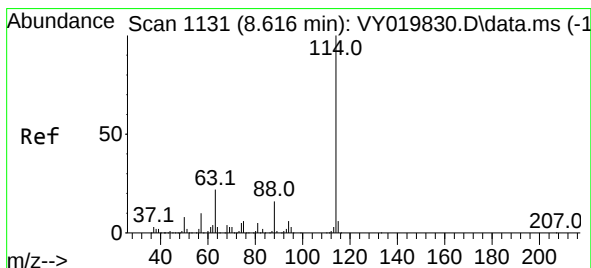
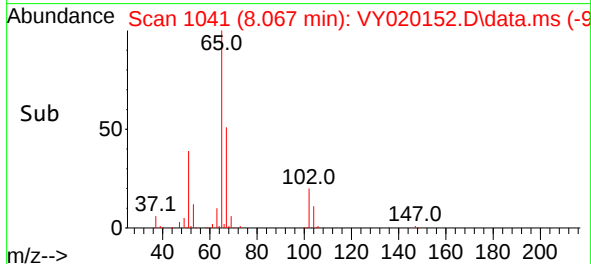
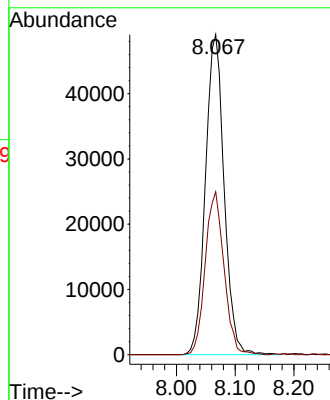
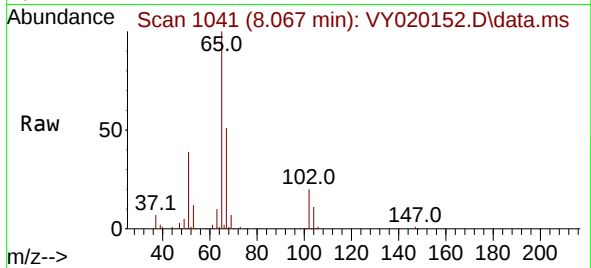




#33
 1,2-Dichloroethane-d4
 Concen: 59.939 ug/l
 RT: 8.067 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: VY020152.D
 Acq: 04 Nov 2024 18:54

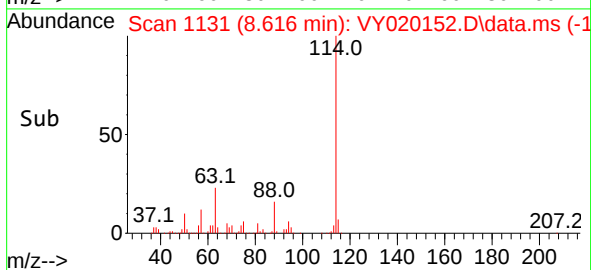
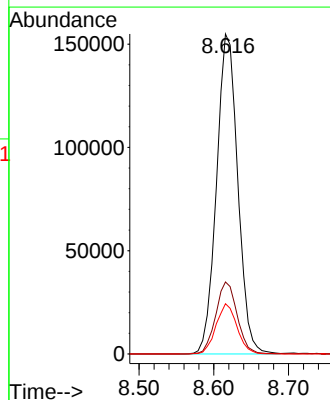
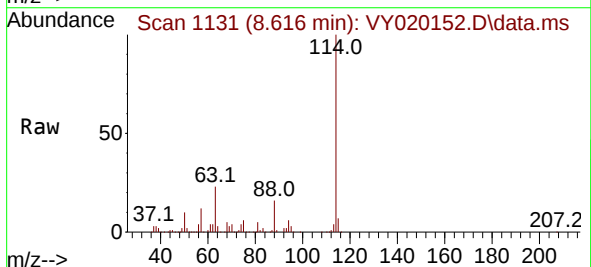
Instrument :
 MSVOA_Y
 ClientSampleId :

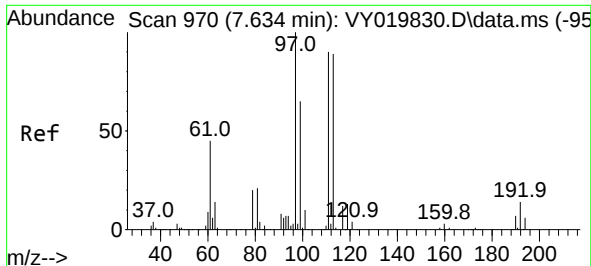
Tgt Ion: 65 Resp: 108315
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020152.D
 Acq: 04 Nov 2024 18:54

Tgt Ion: 114 Resp: 306865
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 35.0
 88 15.7 0.0 27.2

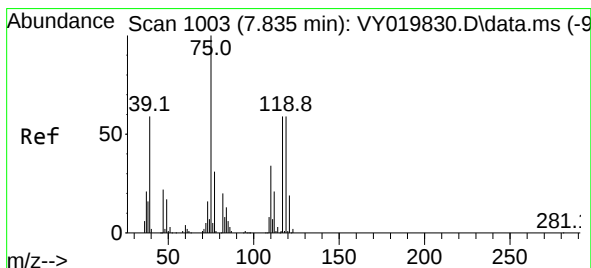
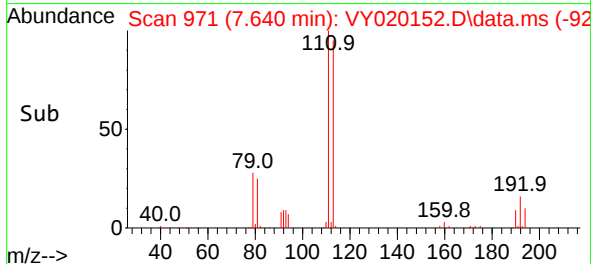
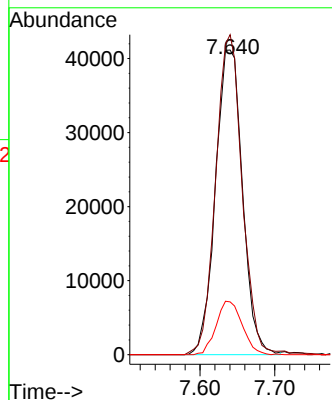
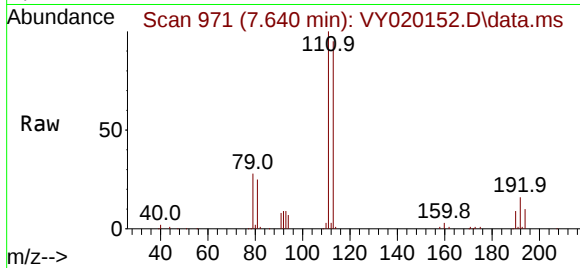




#35
Dibromofluoromethane
Concen: 53.053 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020152.D
Acq: 04 Nov 2024 18:54

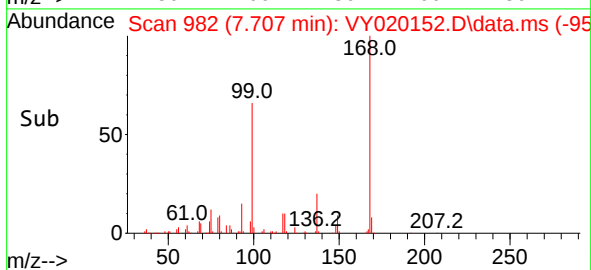
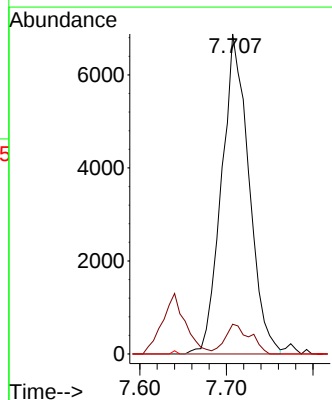
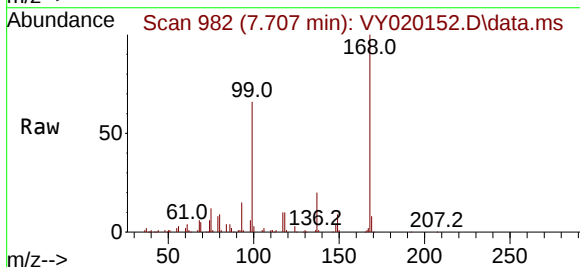
Instrument :
MSVOA_Y
ClientSampleId :

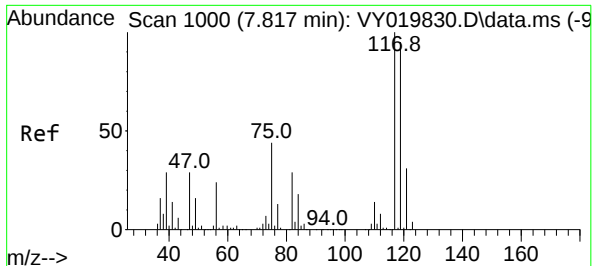
Tgt Ion:113 Resp: 103508
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 16.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.999 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020152.D
Acq: 04 Nov 2024 18:54

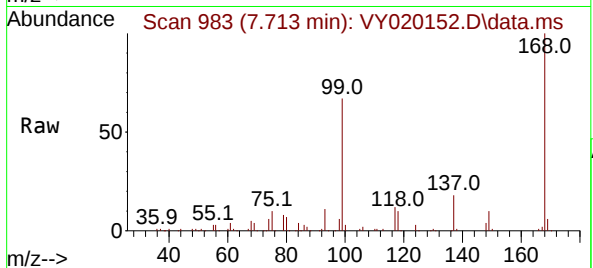
Tgt Ion: 75 Resp: 15066
Ion Ratio Lower Upper
75 100
110 8.5 19.0 57.0#
77 0.0 25.3 37.9#



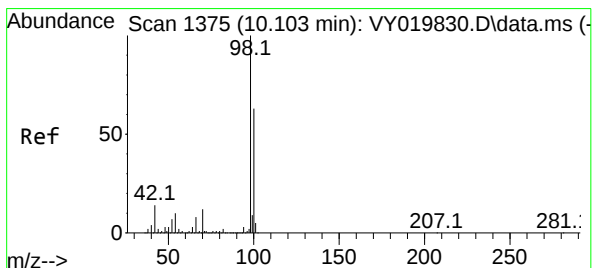
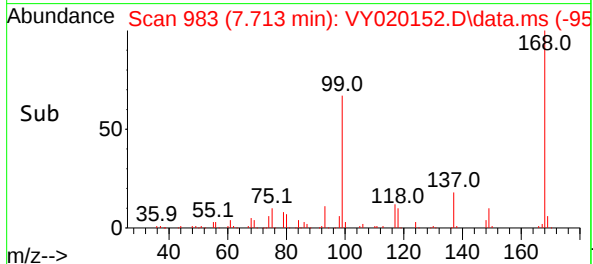
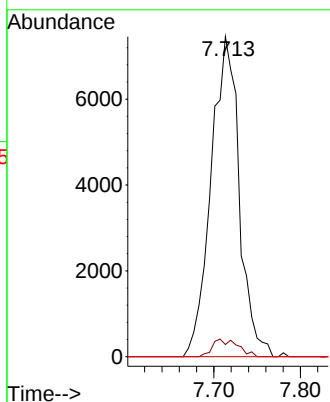


#38
Carbon Tetrachloride
Concen: 5.564 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020152.D
Acq: 04 Nov 2024 18:54

Instrument :
MSVOA_Y
ClientSampleId :

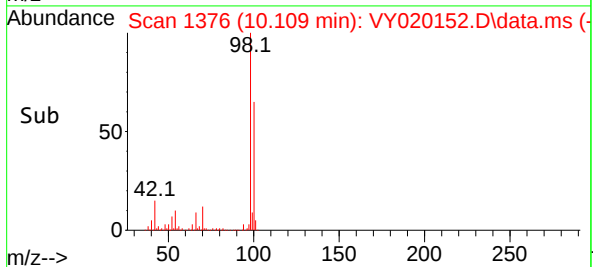
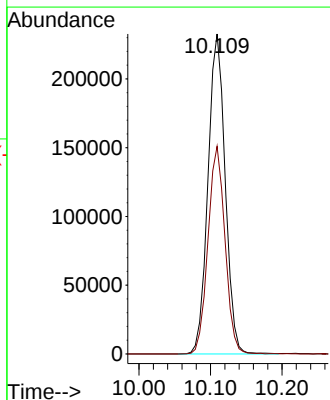
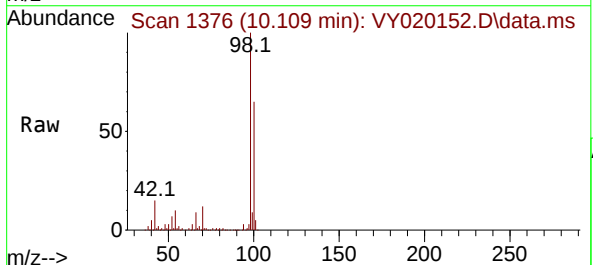


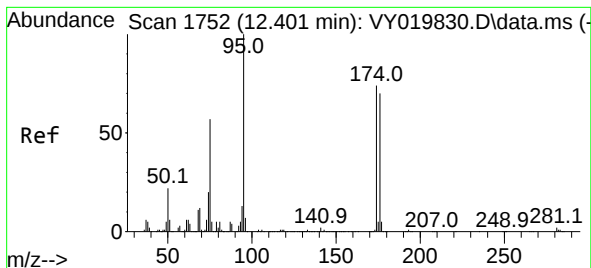
Tgt Ion:117 Resp: 16862
Ion Ratio Lower Upper
117 100
119 3.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.086 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020152.D
Acq: 04 Nov 2024 18:54

Tgt Ion: 98 Resp: 388970
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

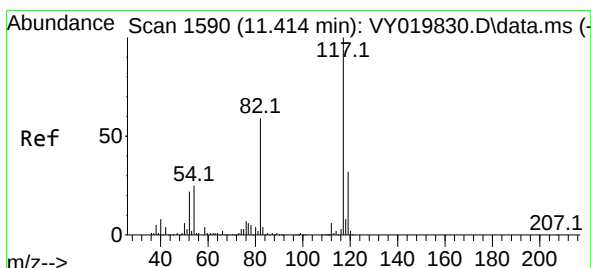
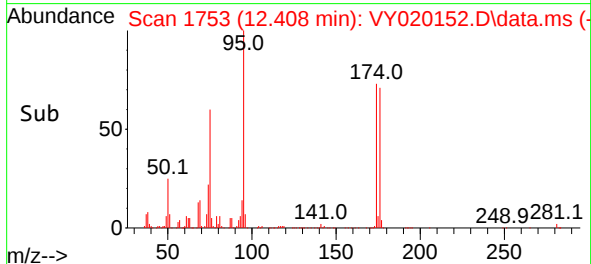
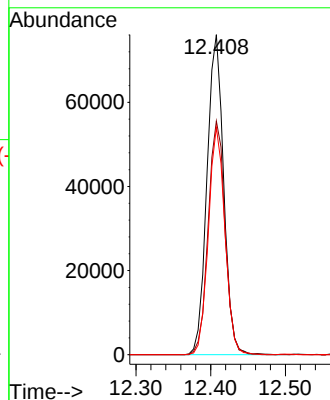
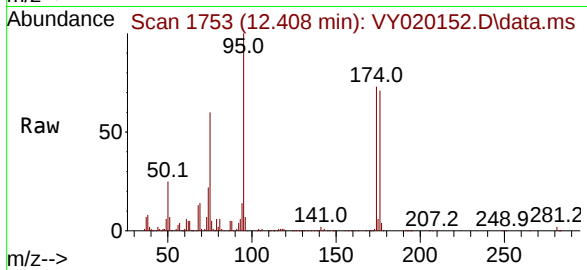




#62
4-Bromofluorobenzene
Concen: 46.605 ug/l
RT: 12.408 min Scan# 117561
Delta R.T. 0.000 min
Lab File: VY020152.D
Acq: 04 Nov 2024 18:54

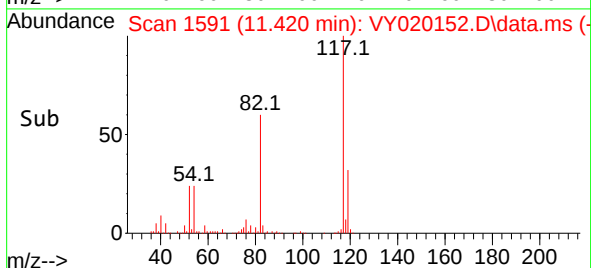
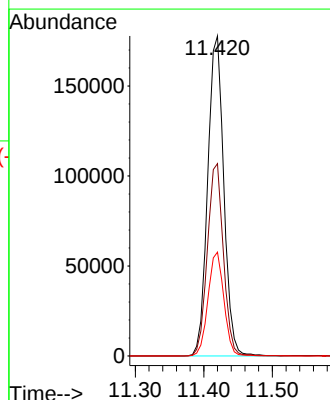
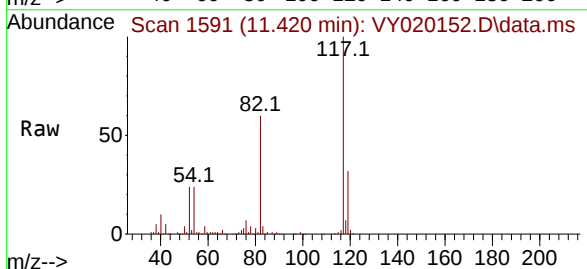
Instrument :
MSVOA_Y
ClientSampleId :

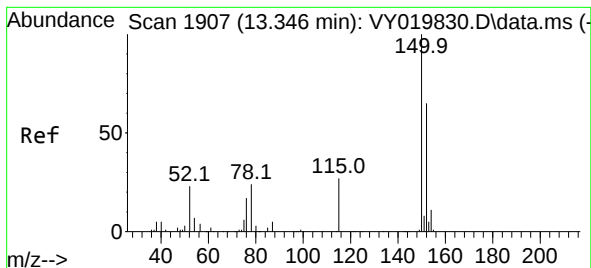
Tgt Ion: 95 Resp: 117561
Ion Ratio Lower Upper
95 100
174 74.1 0.0 175.6
176 70.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020152.D
Acq: 04 Nov 2024 18:54

Tgt Ion: 117 Resp: 290042
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 32.5 25.9 38.9

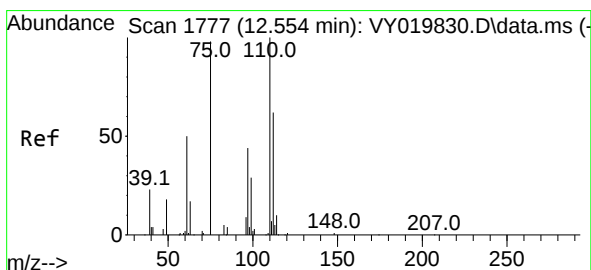
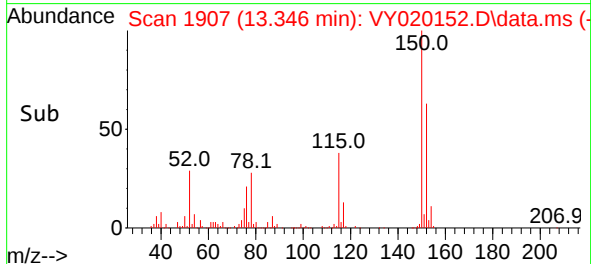
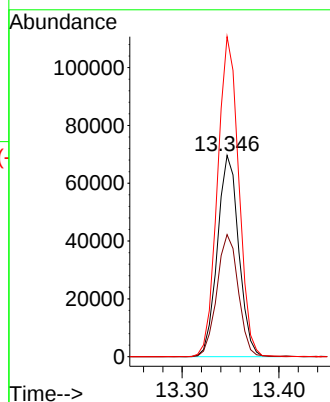
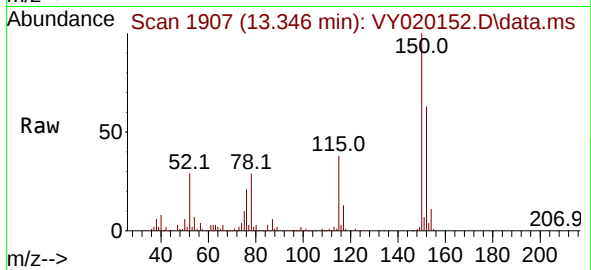




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020152.D
Acq: 04 Nov 2024 18:54

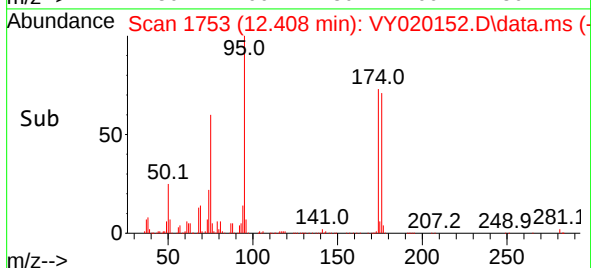
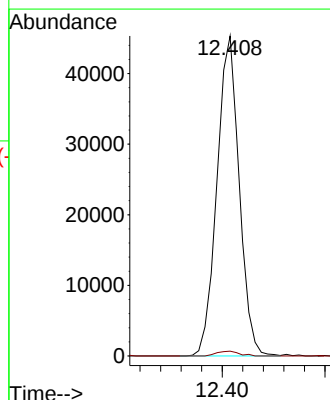
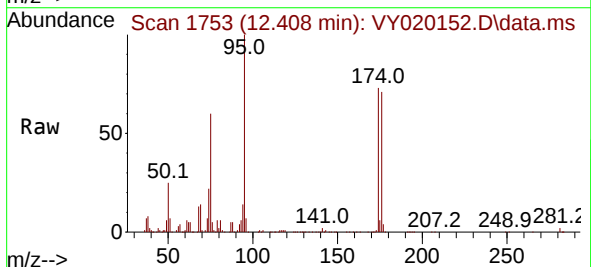
Instrument :
MSVOA_Y
ClientSampleId :

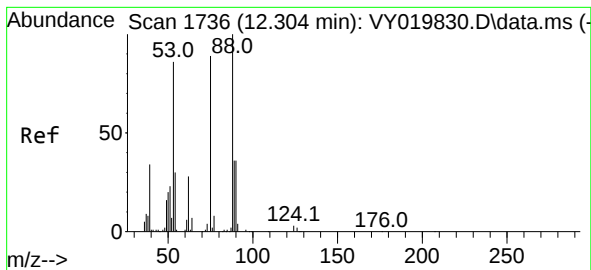
Tgt Ion:152 Resp: 106507
Ion Ratio Lower Upper
152 100
115 60.8 28.2 84.7
150 158.2 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 68.064 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020152.D
Acq: 04 Nov 2024 18:54

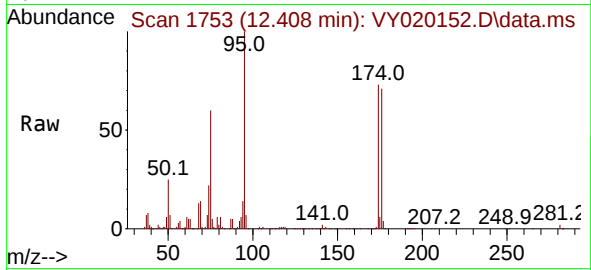
Tgt Ion: 75 Resp: 67955
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.404 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020152.D
 Acq: 04 Nov 2024 18:54

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 67955
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.2 35.8 53.6#

