

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020170.D
 Acq On : 05 Nov 2024 16:29
 Operator : SY/MD
 Sample : P4700-03
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 00:28:01 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)

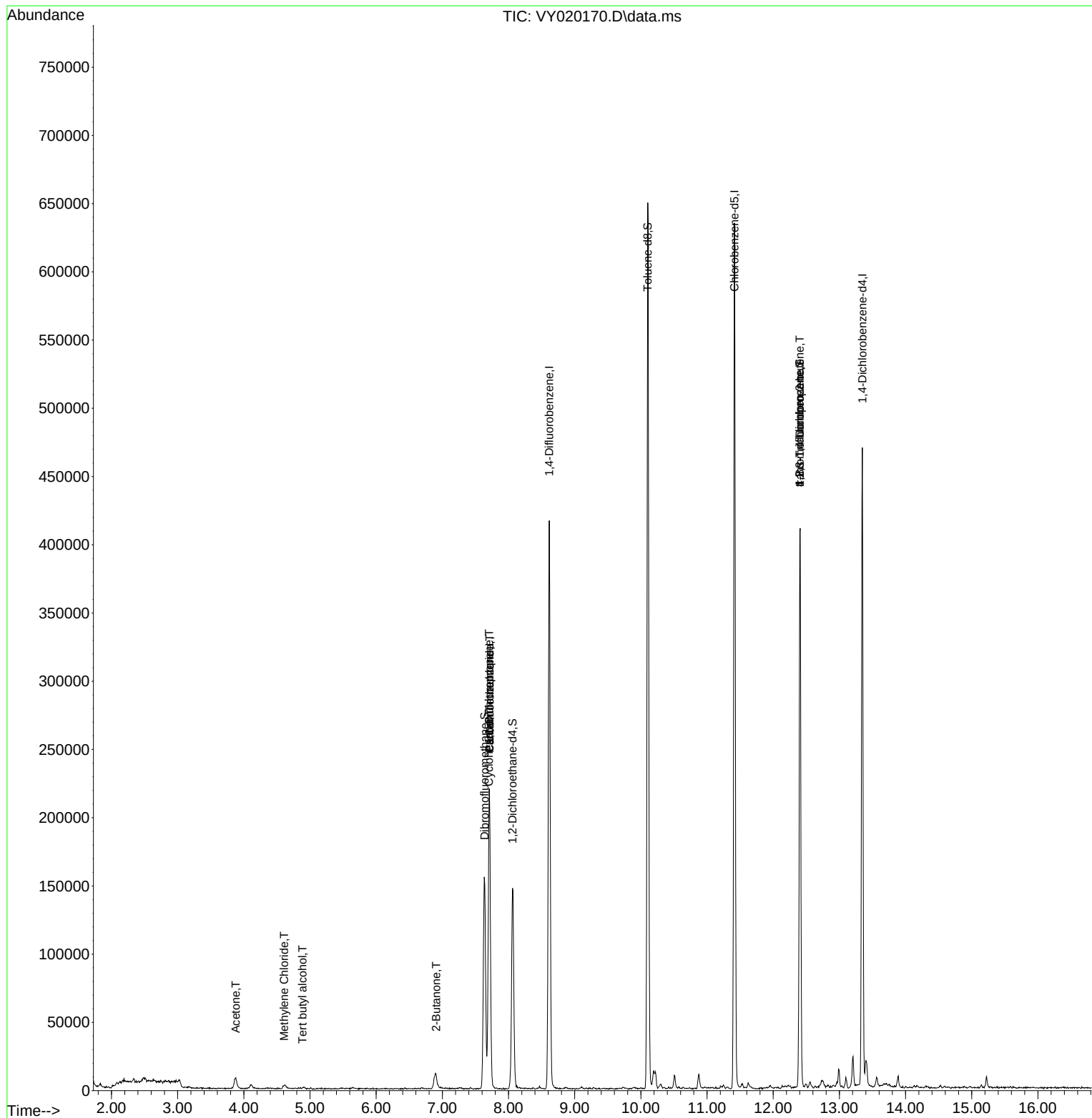
Internal Standards						
1) Pentafluorobenzene	7.713	168	151048	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	324824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	301585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	104623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	113342	60.123	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.240%		
35) Dibromofluoromethane	7.640	113	108243	52.412	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.820%		
50) Toluene-d8	10.103	98	404016	49.147	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 98.300%		
62) 4-Bromofluorobenzene	12.401	95	121703	45.579	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 91.160%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.884	59	253	1.866	ug/l	# 84
16) Acetone	3.879	43	14594	33.289	ug/l	# 84
20) Methylene Chloride	4.610	84	1981	1.006	ug/l	# 85
25) 2-Butanone	6.908	43	4142	6.970	ug/l	# 71
31) Cyclohexane	7.701	56	5486	1.604	ug/l	# 55
36) 1,1-Dichloropropene	7.707	75	16270	5.100	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	17759	5.536	ug/l	# 16
76) 1,2,3-Trichloropropane	12.401	75	71882	73.294	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	71882	157.653	ug/l	# 16

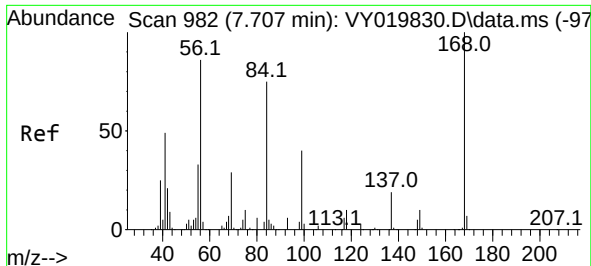
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

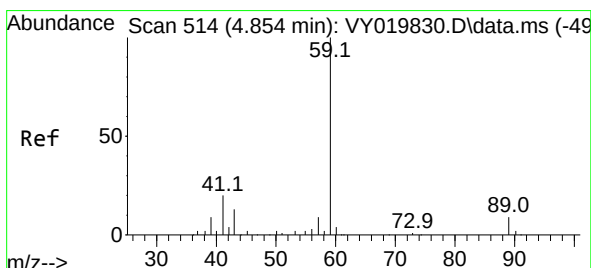
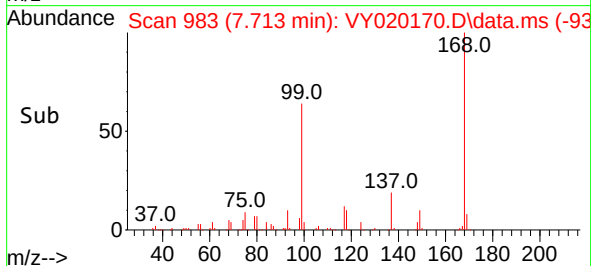
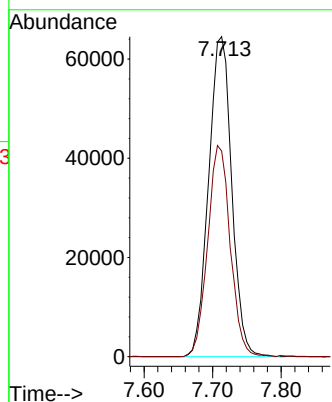
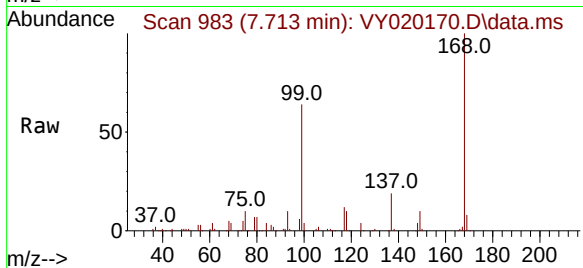




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020170.D
Acq: 05 Nov 2024 16:29

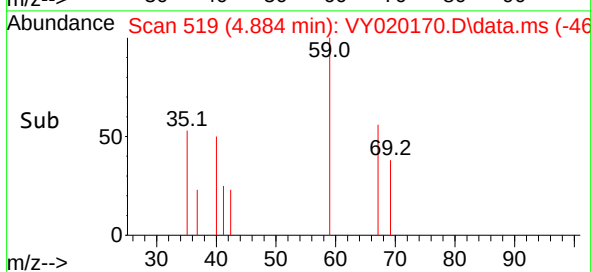
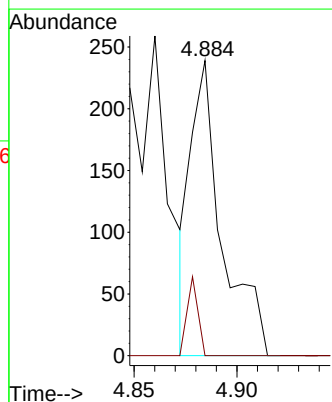
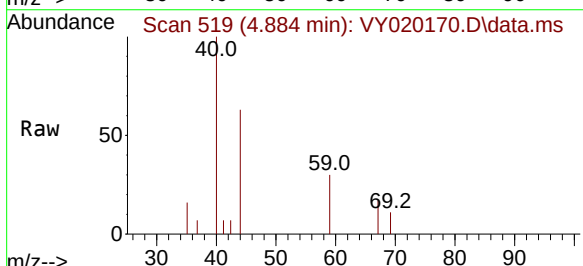
Instrument :
MSVOA_Y
ClientSampleId :

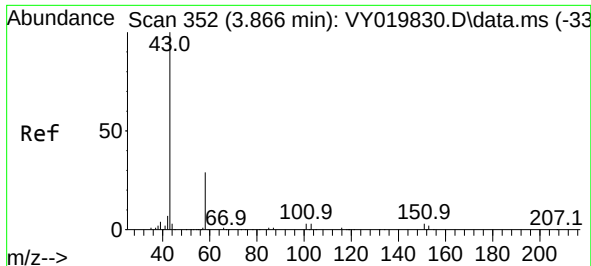
Tgt Ion:168 Resp: 151048
Ion Ratio Lower Upper
168 100
99 64.2 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.866 ug/l
RT: 4.884 min Scan# 519
Delta R.T. 0.024 min
Lab File: VY020170.D
Acq: 05 Nov 2024 16:29

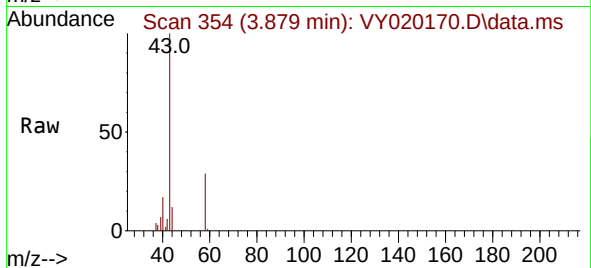
Tgt Ion: 59 Resp: 253
Ion Ratio Lower Upper
59 100
57 9.1 3.0 4.6#



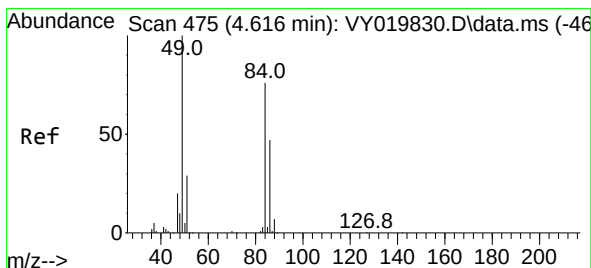
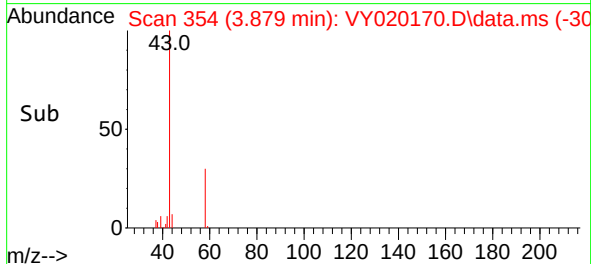
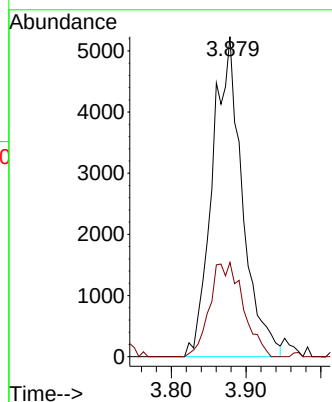


#16
Acetone
Concen: 33.289 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020170.D
Acq: 05 Nov 2024 16:29

Instrument :
MSVOA_Y
ClientSampleId :

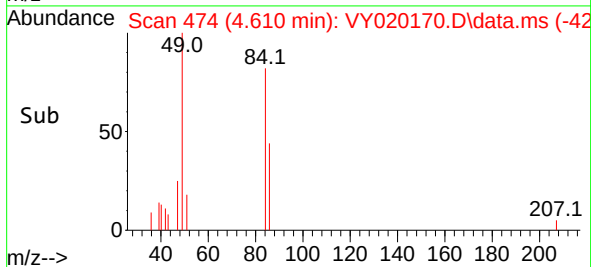
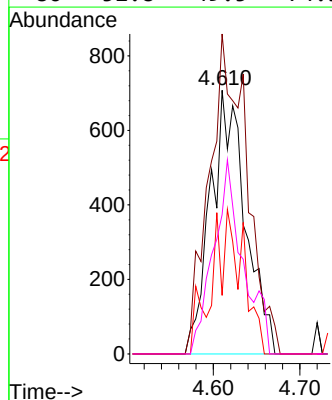
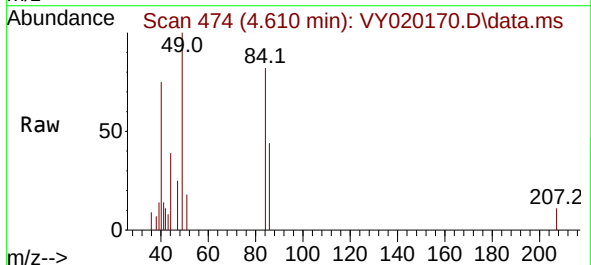


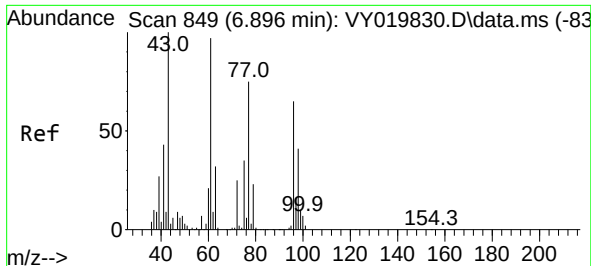
Tgt Ion: 43 Resp: 14594
Ion Ratio Lower Upper
43 100
58 29.5 31.7 47.5#



#20
Methylene Chloride
Concen: 1.006 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY020170.D
Acq: 05 Nov 2024 16:29

Tgt Ion: 84 Resp: 1981
Ion Ratio Lower Upper
84 100
49 121.3 84.4 126.6
51 22.2 26.0 39.0#
86 52.8 49.5 74.3

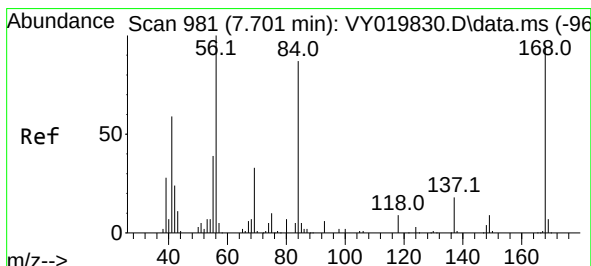
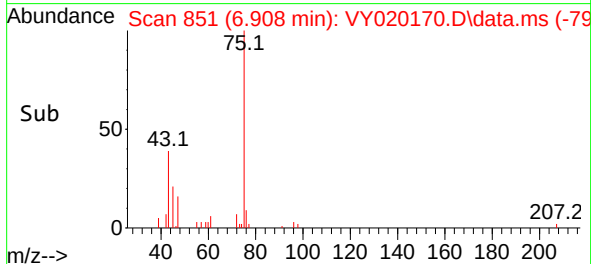
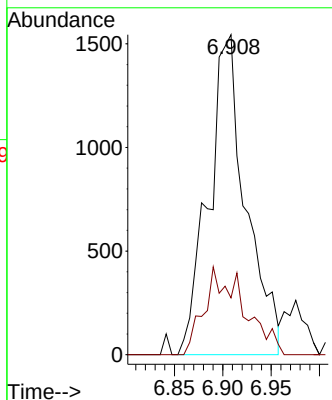
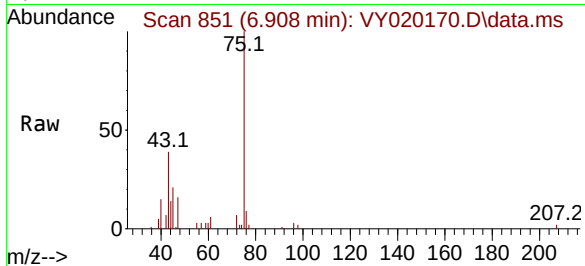




#25
2-Butanone
Concen: 6.970 ug/l
RT: 6.908 min Scan# 81
Delta R.T. 0.018 min
Lab File: VY020170.D
Acq: 05 Nov 2024 16:29

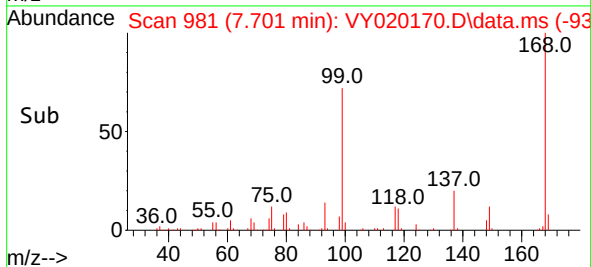
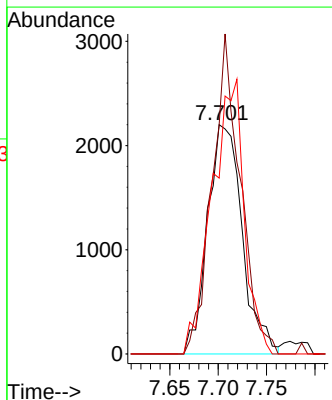
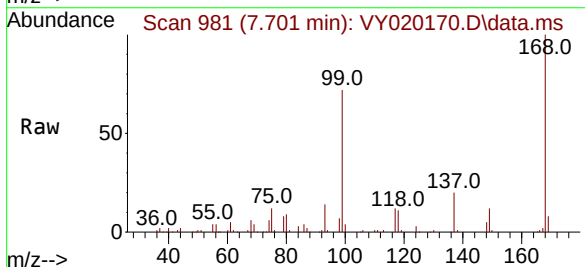
Instrument :
MSVOA_Y
ClientSampleId :

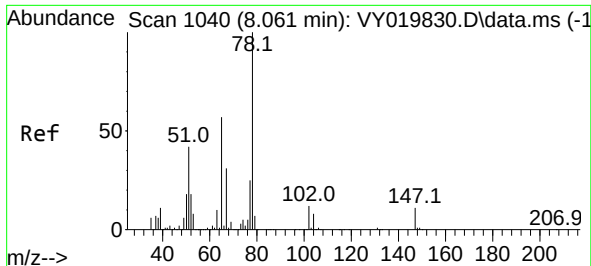
Tgt Ion: 43 Resp: 4142
Ion Ratio Lower Upper
43 100
72 17.7 27.3 40.9#



#31
Cyclohexane
Concen: 1.604 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020170.D
Acq: 05 Nov 2024 16:29

Tgt Ion: 56 Resp: 5486
Ion Ratio Lower Upper
56 100
69 100.0 28.7 43.1#
84 76.6 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 60.123 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY020170.D

Acq: 05 Nov 2024 16:29

Instrument :

MSVOA_Y

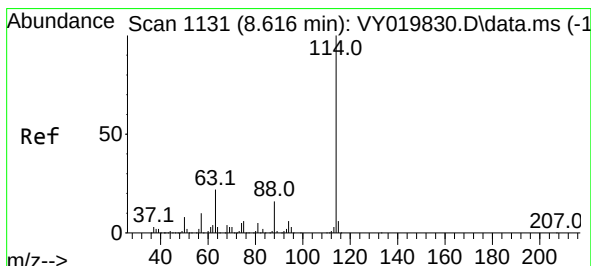
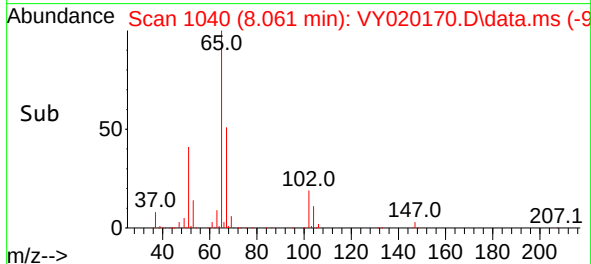
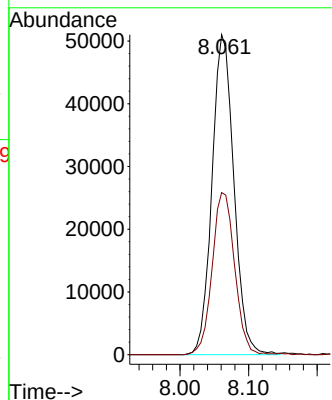
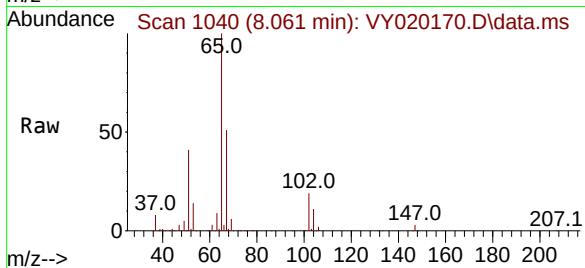
ClientSampleId :

Tgt Ion: 65 Resp: 113342

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020170.D

Acq: 05 Nov 2024 16:29

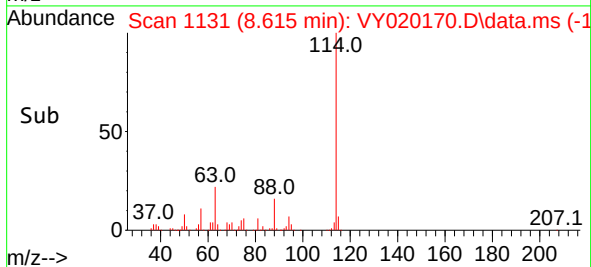
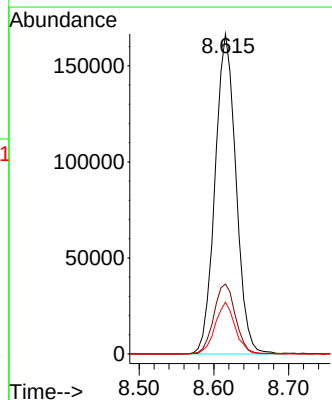
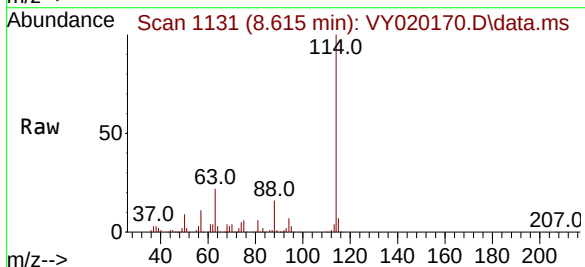
Tgt Ion: 114 Resp: 324824

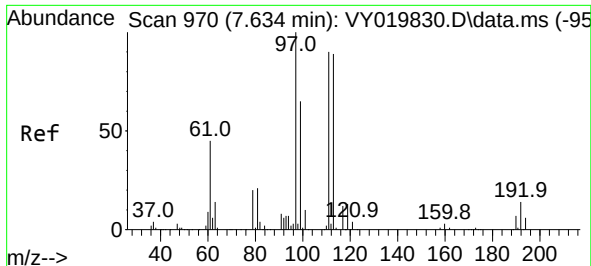
Ion Ratio Lower Upper

114 100

63 21.8 0.0 35.0

88 16.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.412 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

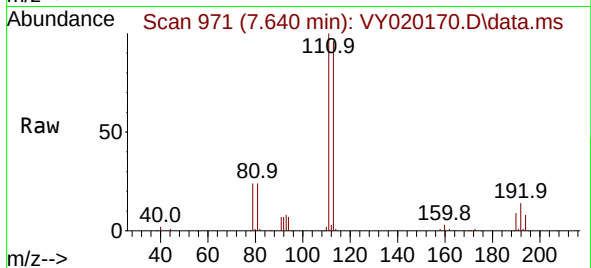
Lab File: VY020170.D

Acq: 05 Nov 2024 16:29

Instrument :

MSVOA_Y

ClientSampleId :



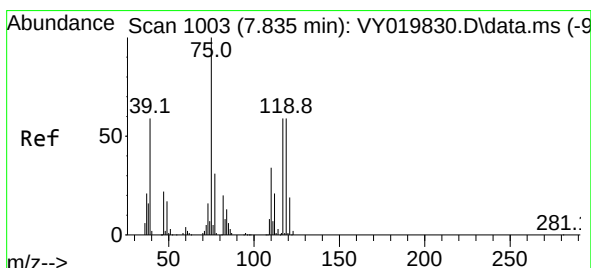
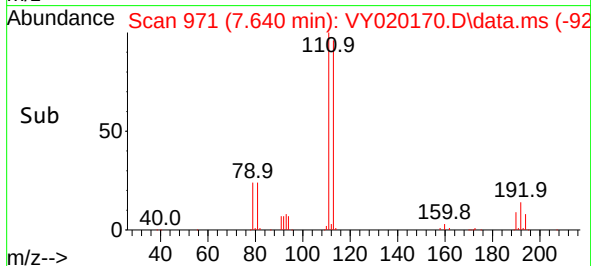
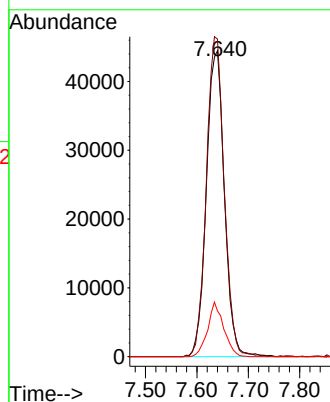
Tgt Ion:113 Resp: 108243

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 15.9 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.100 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY020170.D

Acq: 05 Nov 2024 16:29

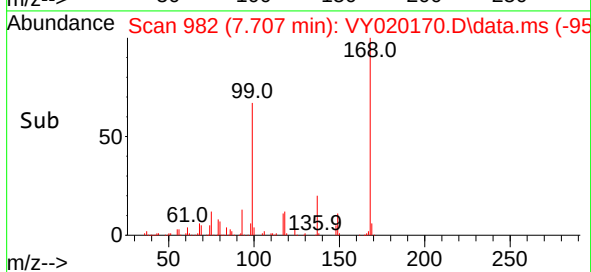
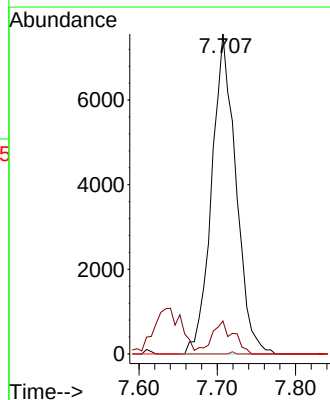
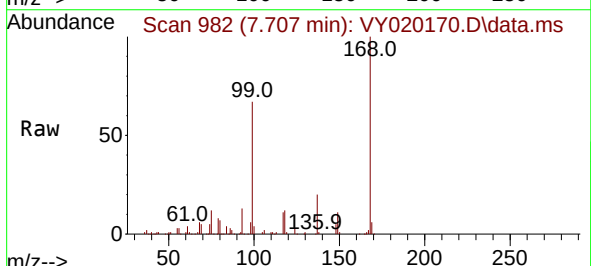
Tgt Ion: 75 Resp: 16270

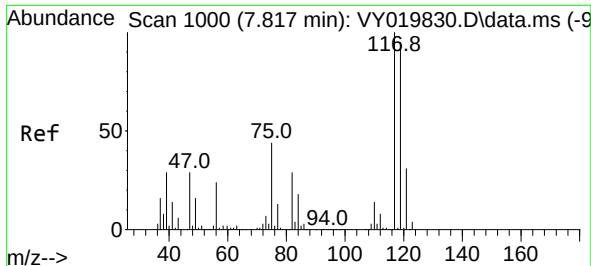
Ion Ratio Lower Upper

75 100

110 8.6 19.0 57.0#

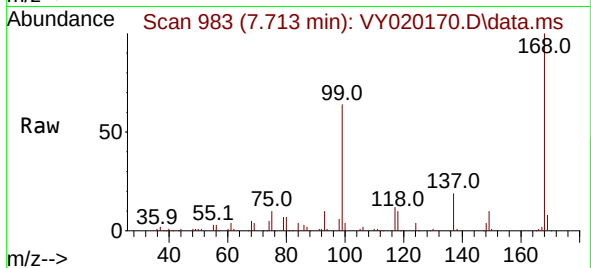
77 0.1 25.3 37.9#



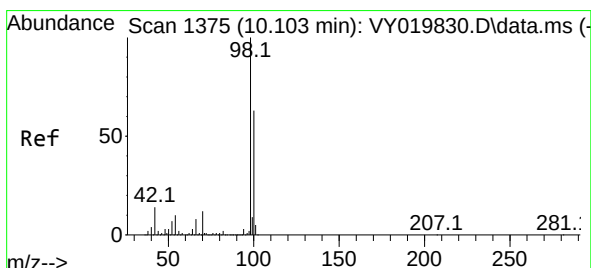
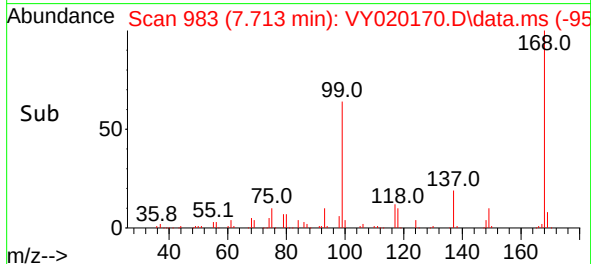
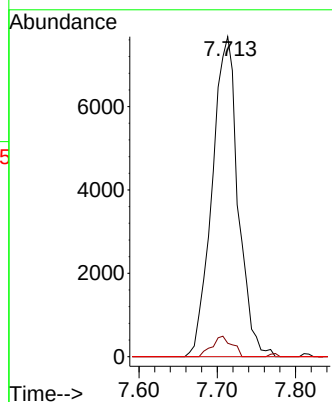


#38
Carbon Tetrachloride
Concen: 5.536 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020170.D
Acq: 05 Nov 2024 16:29

Instrument :
MSVOA_Y
ClientSampleId :

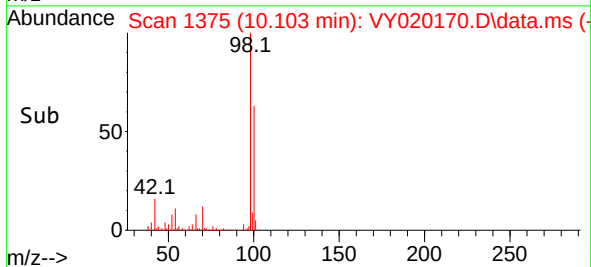
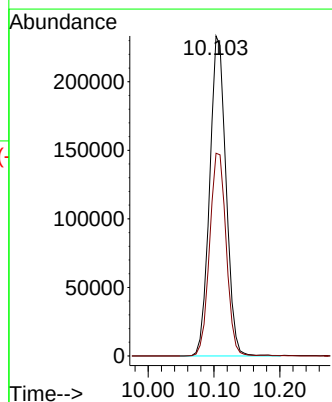
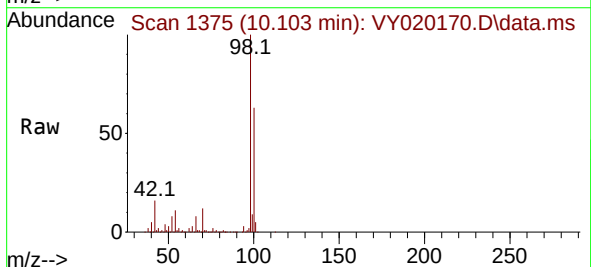


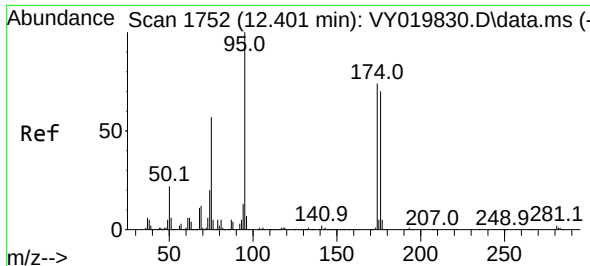
Tgt Ion:117 Resp: 17759
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.147 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020170.D
Acq: 05 Nov 2024 16:29

Tgt Ion: 98 Resp: 404016
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

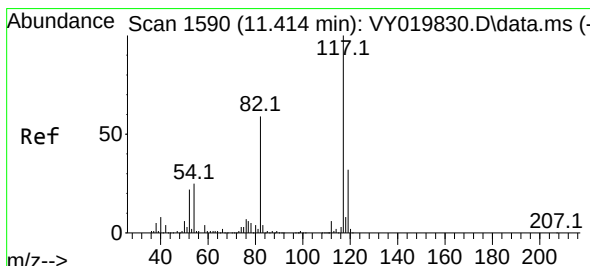
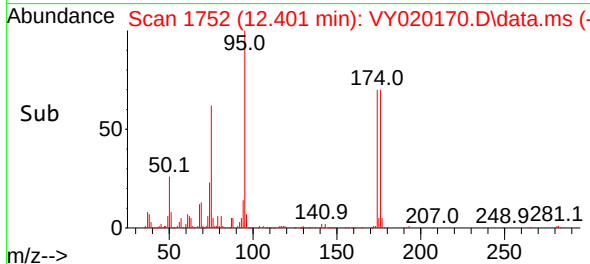
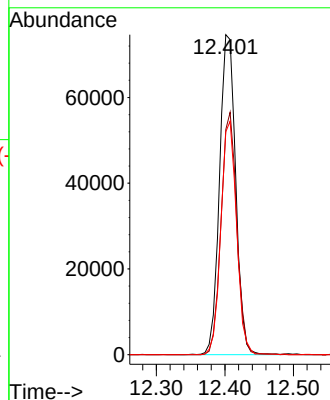
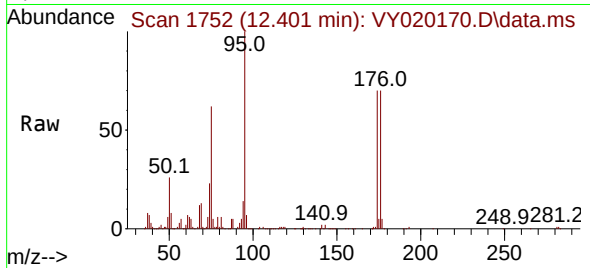




#62
4-Bromofluorobenzene
Concen: 45.579 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020170.D
Acq: 05 Nov 2024 16:29

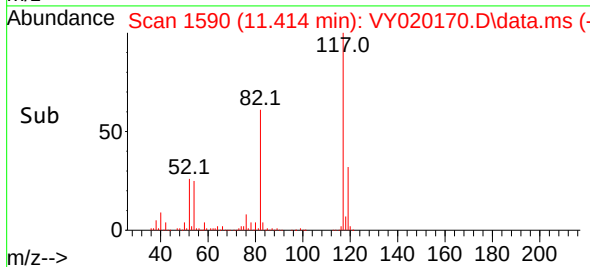
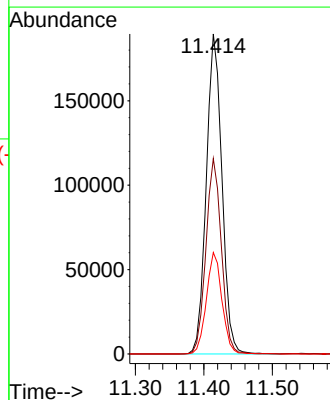
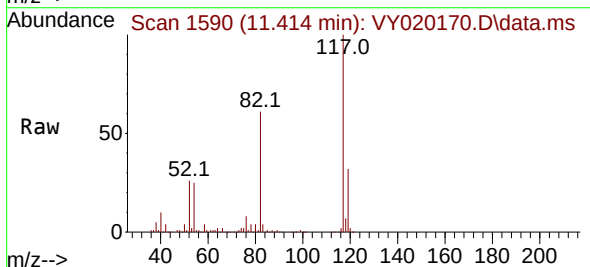
Instrument :
MSVOA_Y
ClientSampleId :

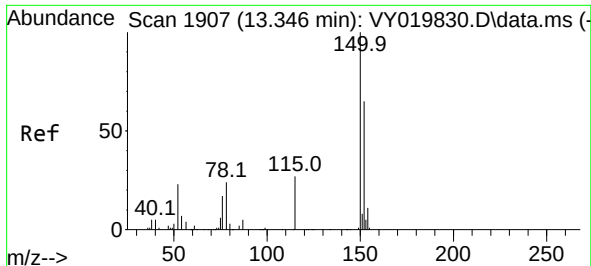
Tgt Ion: 95 Resp: 121703
Ion Ratio Lower Upper
95 100
174 73.4 0.0 175.6
176 70.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020170.D
Acq: 05 Nov 2024 16:29

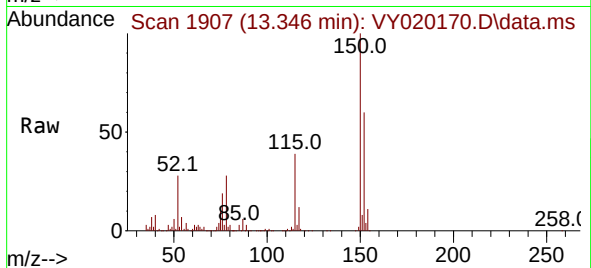
Tgt Ion: 117 Resp: 301585
Ion Ratio Lower Upper
117 100
82 61.0 42.4 63.6
119 31.7 25.9 38.9



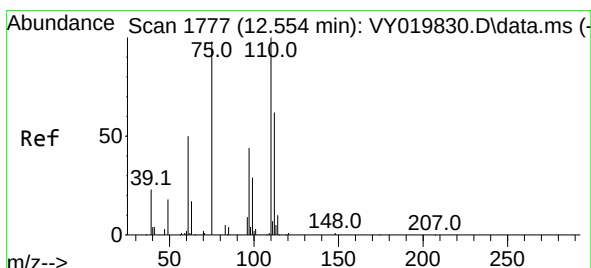
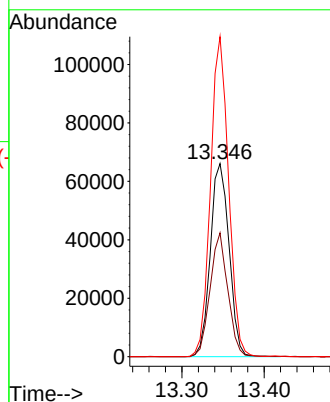
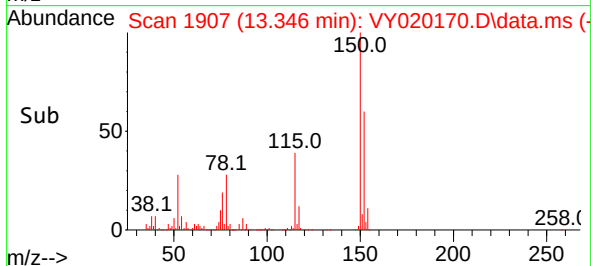


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020170.D
 Acq: 05 Nov 2024 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :

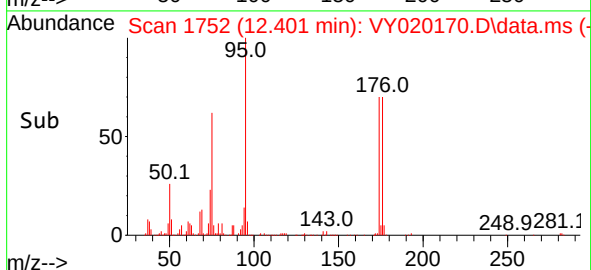
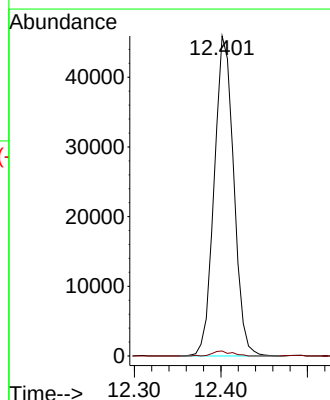
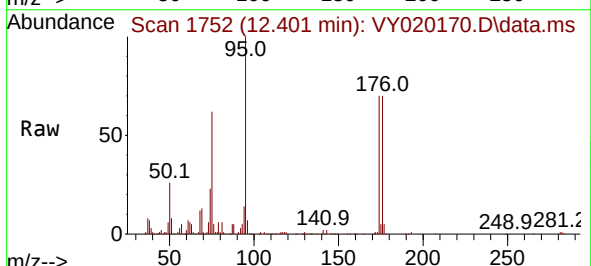


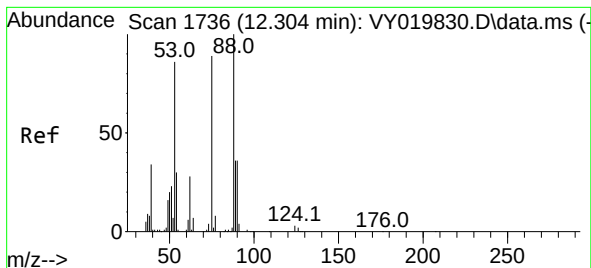
Tgt Ion:152 Resp: 104623
 Ion Ratio Lower Upper
 152 100
 115 61.0 28.2 84.7
 150 159.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 73.294 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY020170.D
 Acq: 05 Nov 2024 16:29

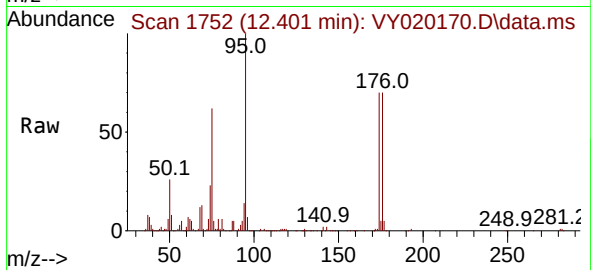
Tgt Ion: 75 Resp: 71882
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 157.653 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020170.D
 Acq: 05 Nov 2024 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 71882
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 35.8 53.6#

