

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020290.D
 Acq On : 13 Nov 2024 17:59
 Operator : SY/MD
 Sample : P4822-05
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 01:01:19 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)

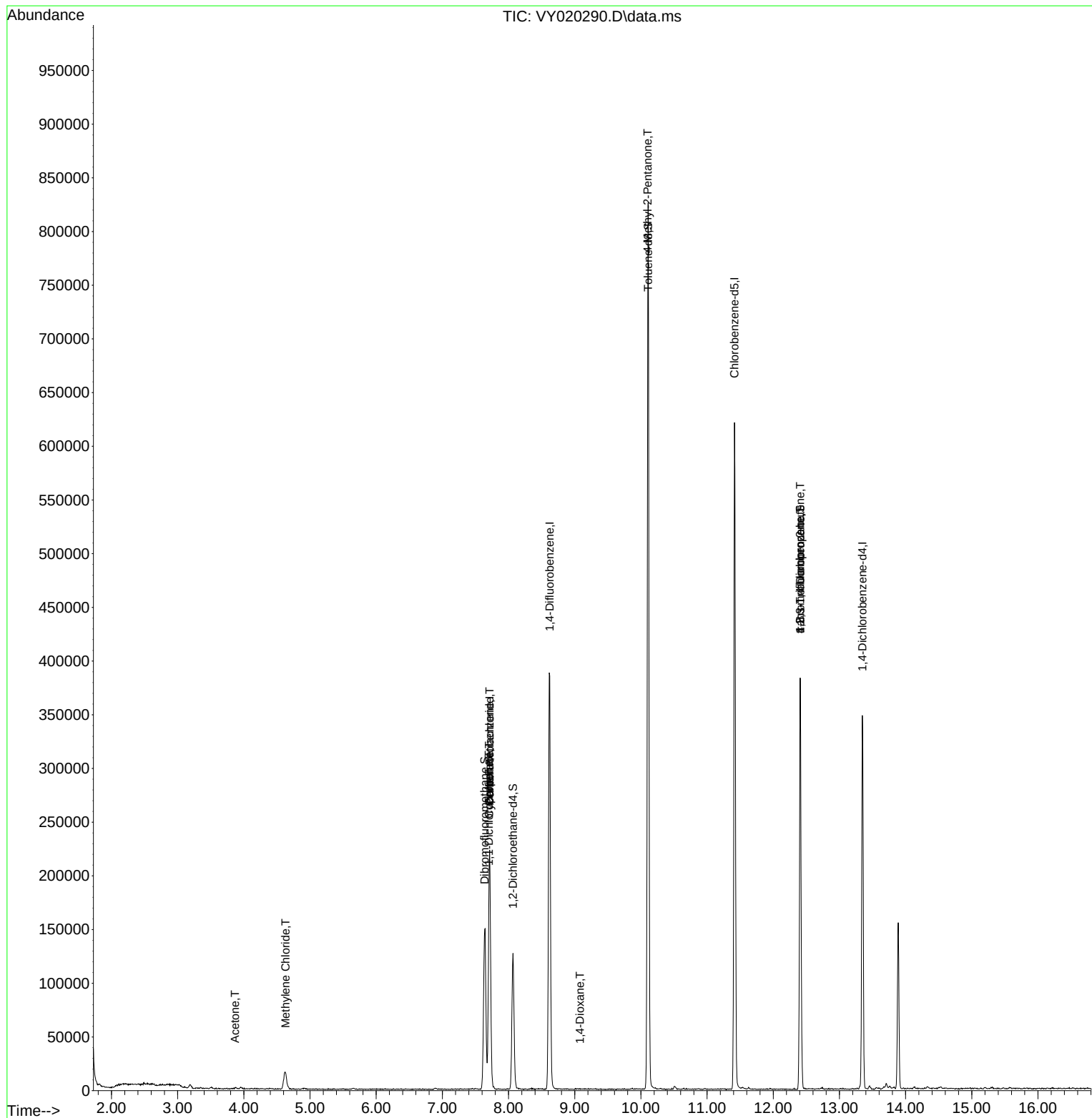
Internal Standards						
1) Pentafluorobenzene	7.713	168	152208	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	316218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	304518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	79473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	99050	52.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.280%	
35) Dibromofluoromethane	7.640	113	110168	54.796	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.600%	
50) Toluene-d8	10.109	98	509690	63.689	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 127.380%	
62) 4-Bromofluorobenzene	12.408	95	104536	40.216	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 80.440%	
Target Compounds						
					Qvalue	
16) Acetone	3.867	43	1286	2.911	ug/l	# 69
20) Methylene Chloride	4.629	84	11450	5.770	ug/l	93
31) Cyclohexane	7.707	56	5088	1.476	ug/l	# 46
36) 1,1-Dichloropropene	7.701	75	16211	5.220	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	16998	5.443	ug/l	# 17
49) 1,4-Dioxane	9.079	88	55	4.546	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.103	43	2935	2.000	ug/l	# 1
76) 1,2,3-Trichloropropane	12.408	75	60742	81.535	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	60742	175.380	ug/l	# 16

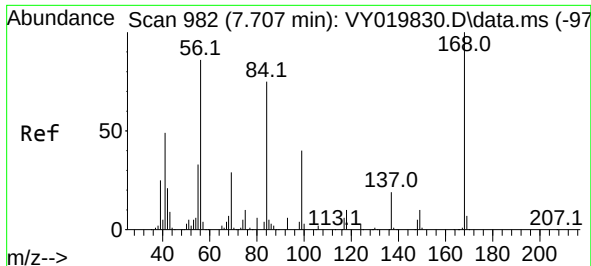
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

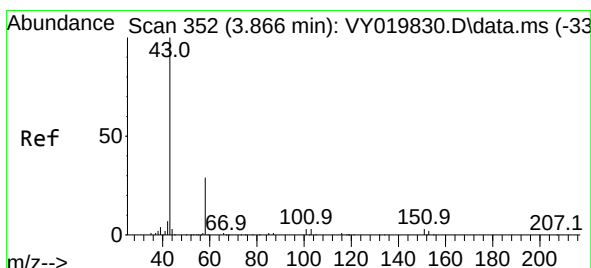
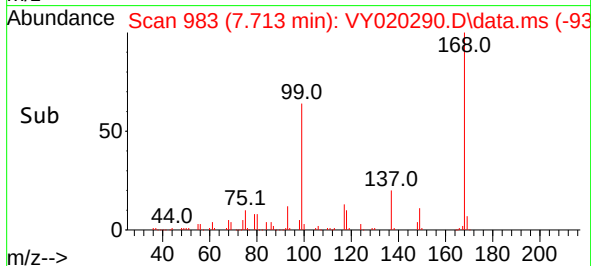
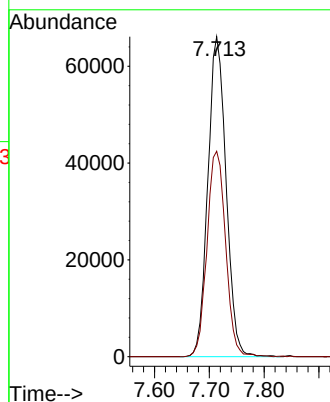
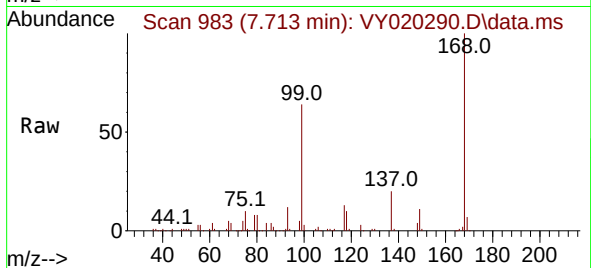




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020290.D
Acq: 13 Nov 2024 17:59

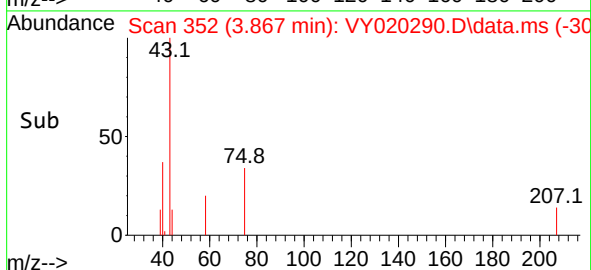
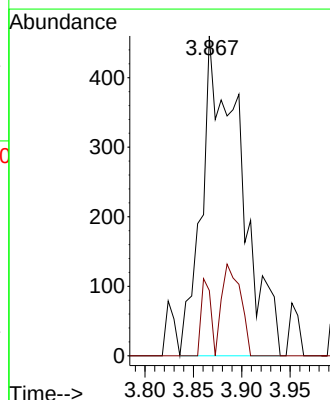
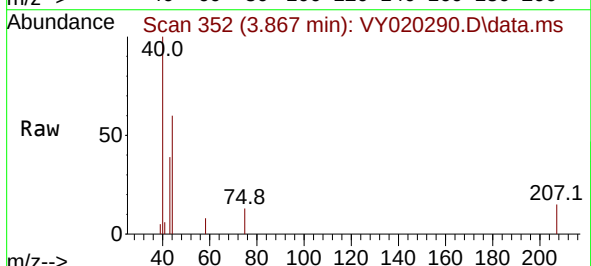
Instrument :
MSVOA_Y
ClientSampleId :

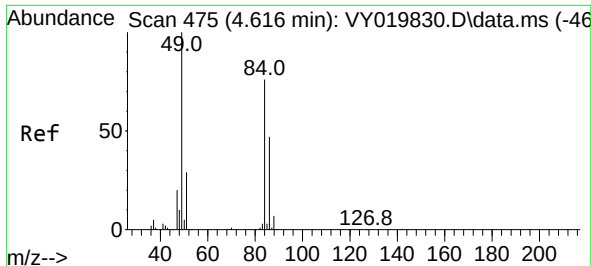
Tgt Ion:168 Resp: 152208
Ion Ratio Lower Upper
168 100
99 64.2 39.1 58.7#



#16
Acetone
Concen: 2.911 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020290.D
Acq: 13 Nov 2024 17:59

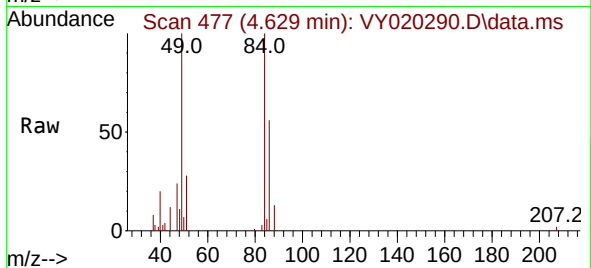
Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
58 20.4 31.7 47.5#



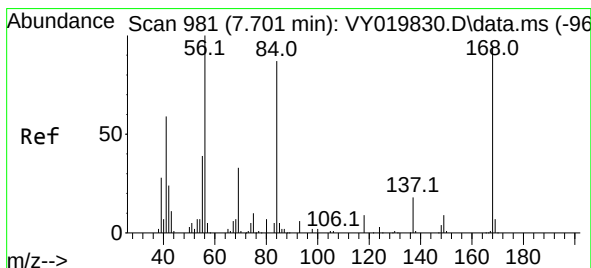
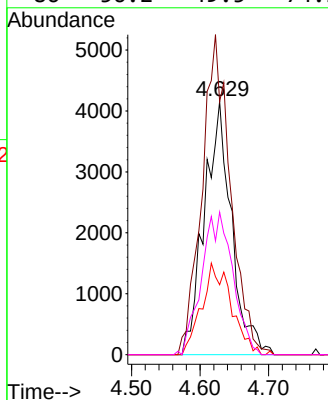
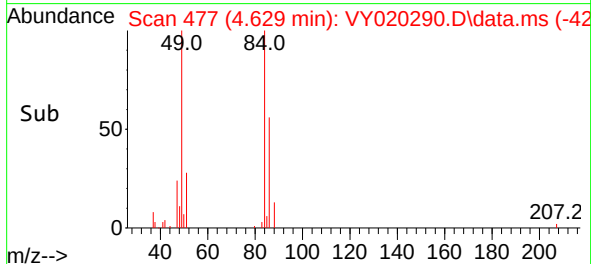


#20
Methylene Chloride
Concen: 5.770 ug/l
RT: 4.629 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY020290.D
Acq: 13 Nov 2024 17:59

Instrument :
MSVOA_Y
ClientSampleId :

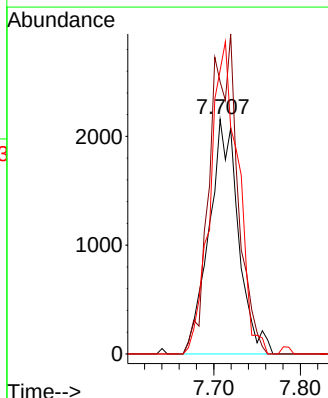
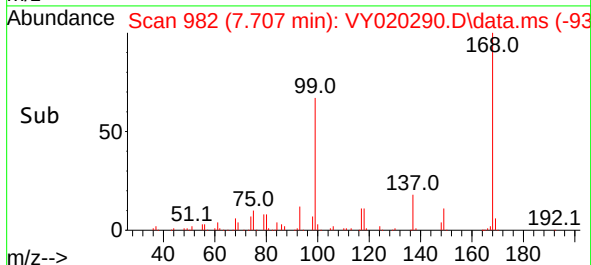
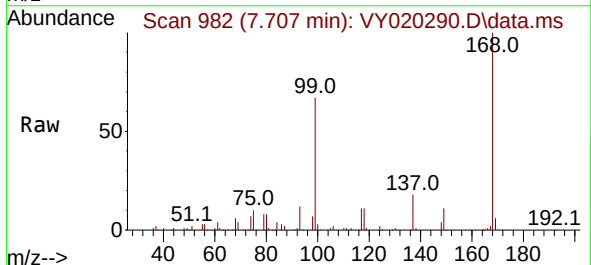


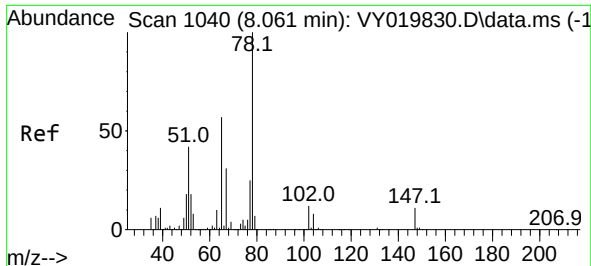
Tgt Ion: 84	Resp: 11450
Ion Ratio	Lower Upper
84 100	
49 99.9	84.4 126.6
51 27.6	26.0 39.0
86 56.2	49.5 74.3



#31
Cyclohexane
Concen: 1.476 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020290.D
Acq: 13 Nov 2024 17:59

Tgt Ion: 56	Resp: 5088
Ion Ratio	Lower Upper
56 100	
69 116.0	28.7 43.1#
84 120.9	77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 52.141 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY020290.D

Acq: 13 Nov 2024 17:59

Instrument :

MSVOA_Y

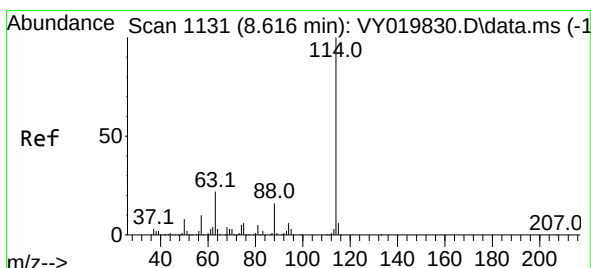
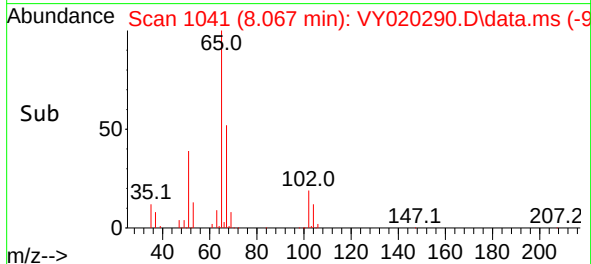
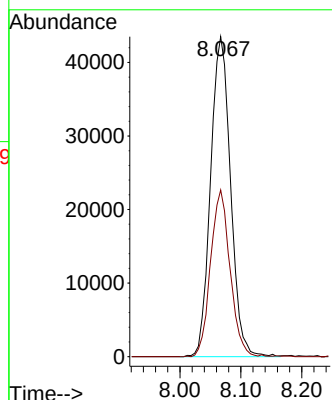
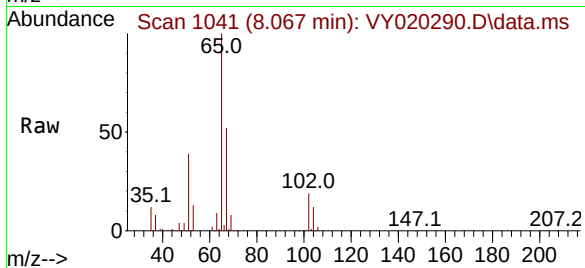
ClientSampleId :

Tgt Ion: 65 Resp: 99050

Ion Ratio Lower Upper

65 100

67 50.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020290.D

Acq: 13 Nov 2024 17:59

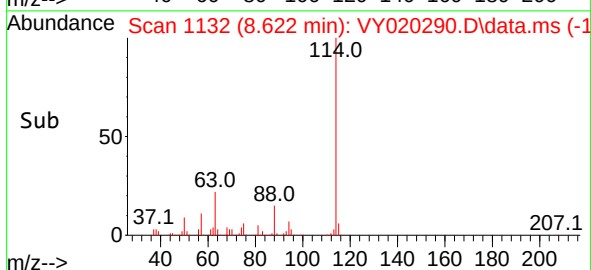
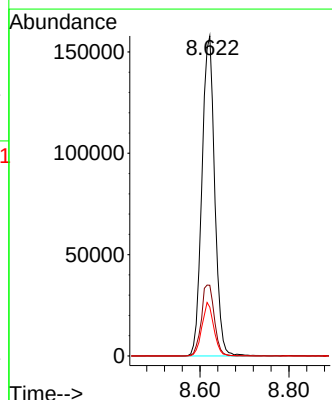
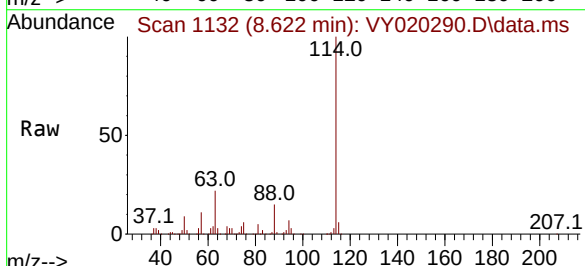
Tgt Ion: 114 Resp: 316218

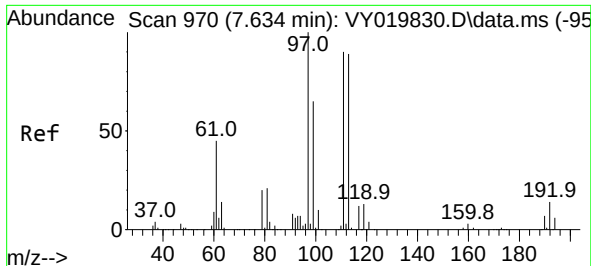
Ion Ratio Lower Upper

114 100

63 22.1 0.0 35.0

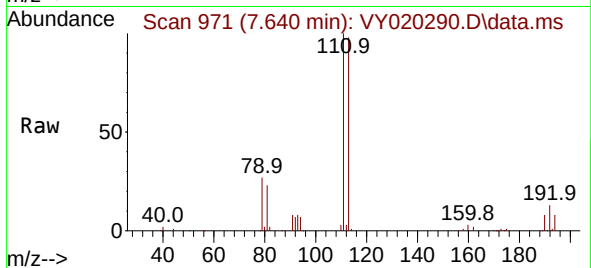
88 15.3 0.0 27.2



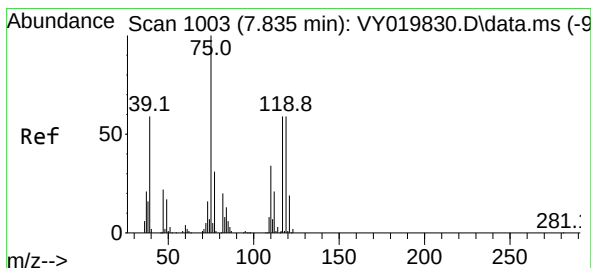
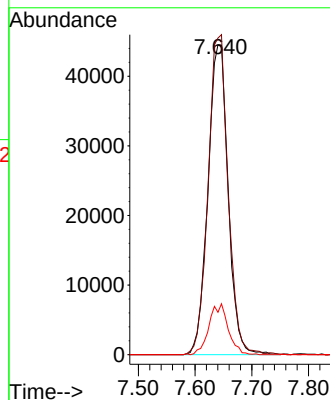
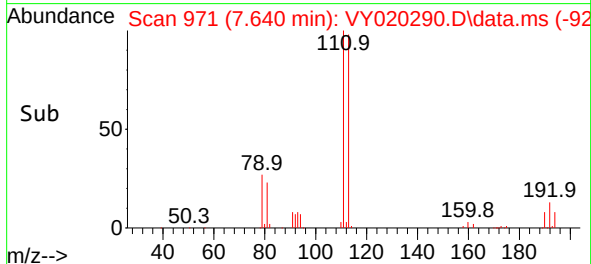


#35
Dibromofluoromethane
Concen: 54.796 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020290.D
Acq: 13 Nov 2024 17:59

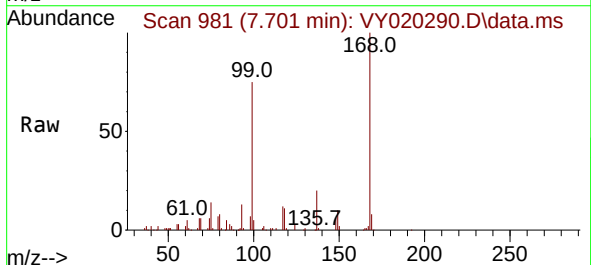
Instrument :
MSVOA_Y
ClientSampleId :



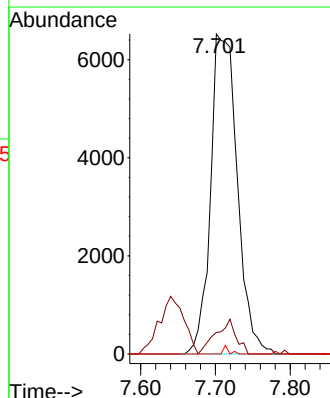
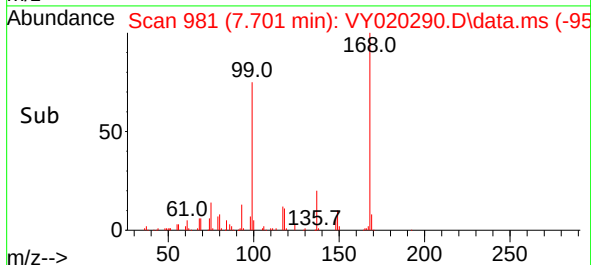
Tgt Ion:113 Resp: 110168
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 15.8 15.9 23.9#

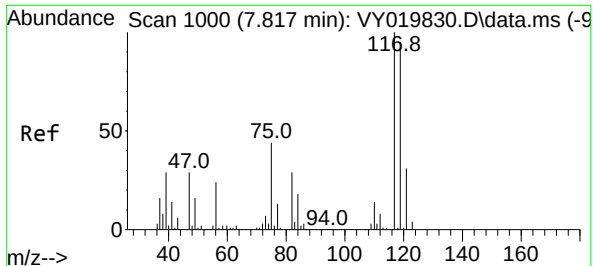


#36
1,1-Dichloropropene
Concen: 5.220 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY020290.D
Acq: 13 Nov 2024 17:59



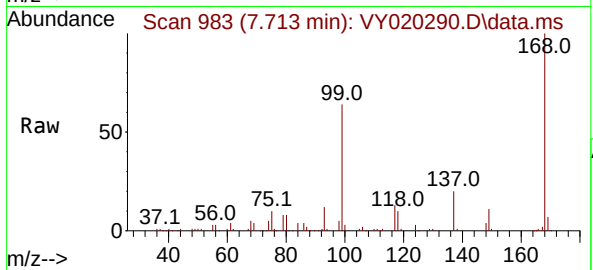
Tgt Ion: 75 Resp: 16211
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.5 25.3 37.9#



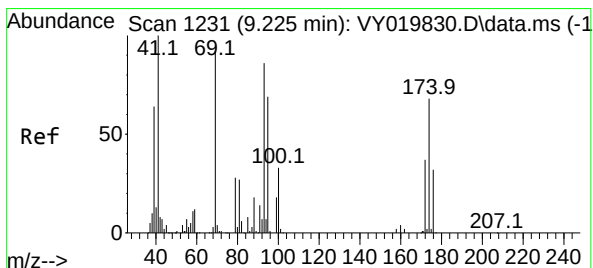
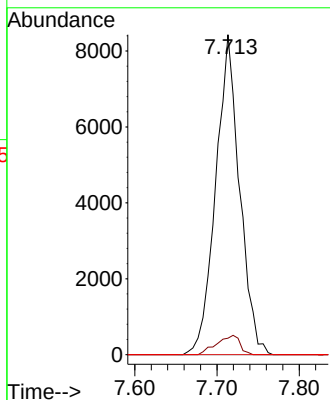
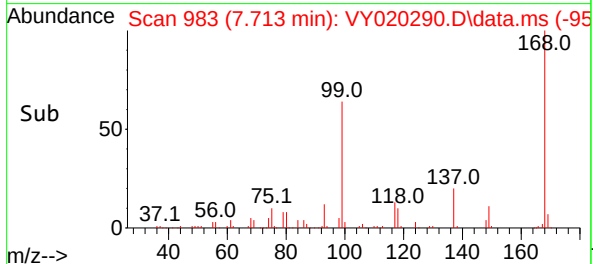


#38
Carbon Tetrachloride
Concen: 5.443 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020290.D
Acq: 13 Nov 2024 17:59

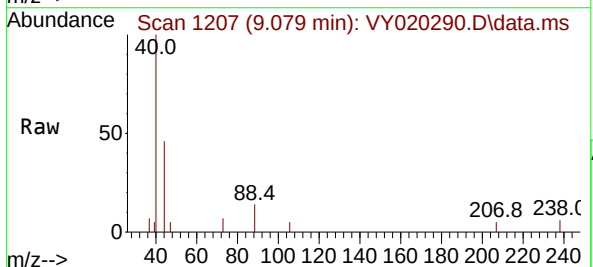
Instrument :
MSVOA_Y
ClientSampleId :



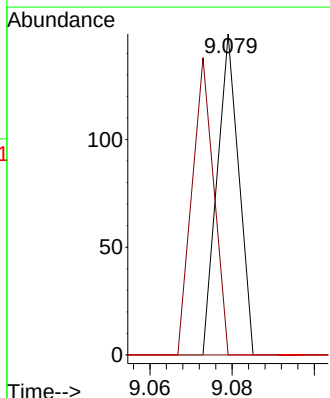
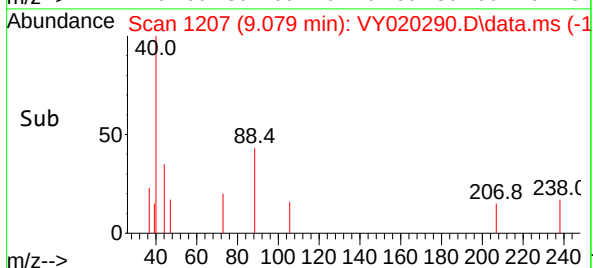
Tgt Ion:117 Resp: 16998
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#

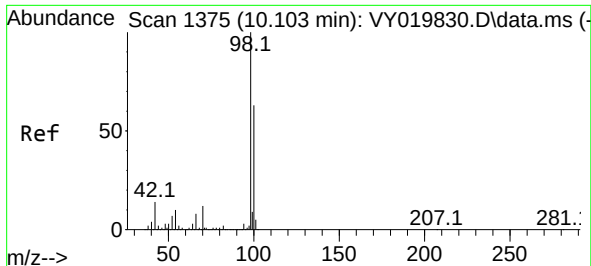


#49
1,4-Dioxane
Concen: 4.546 ug/l
RT: 9.079 min Scan# 1207
Delta R.T. -0.152 min
Lab File: VY020290.D
Acq: 13 Nov 2024 17:59



Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 90.9 0.0 0.0#
58 0.0 49.3 73.9#

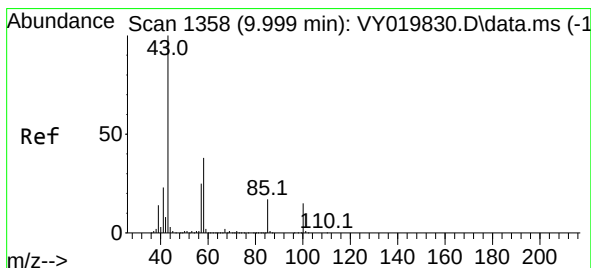
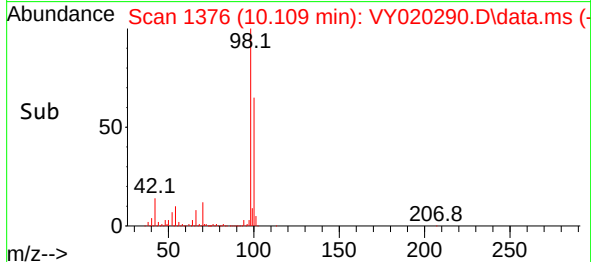
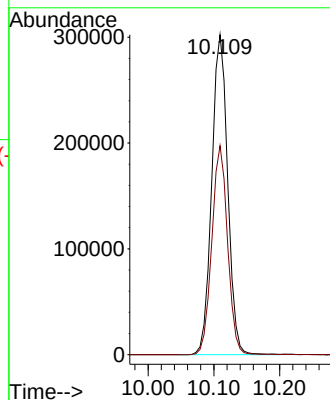
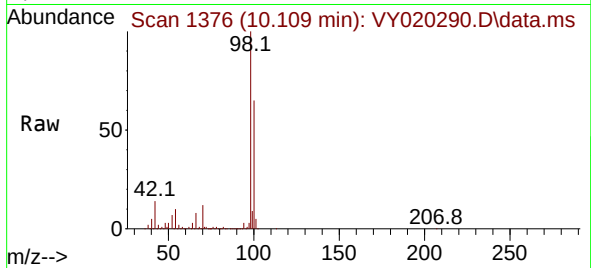




#50
Toluene-d8
Concen: 63.689 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020290.D
Acq: 13 Nov 2024 17:59

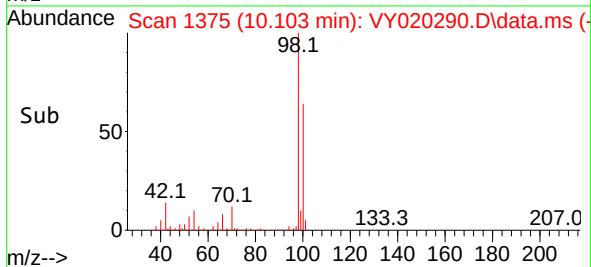
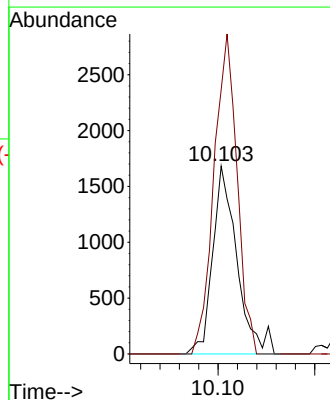
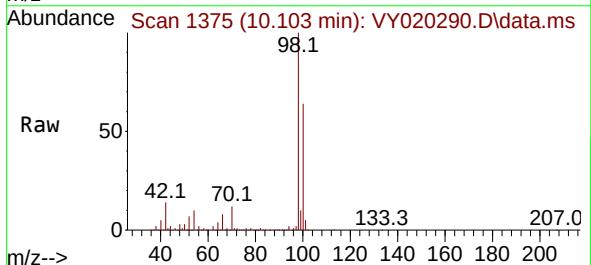
Instrument :
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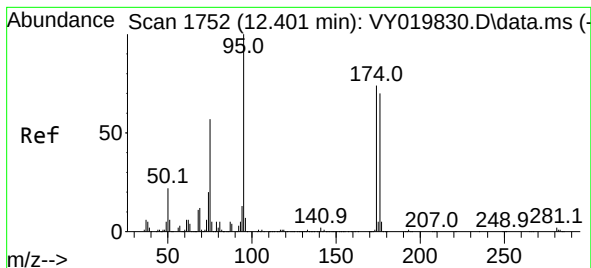
Tgt Ion: 98 Resp: 509690
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 2.000 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY020290.D
Acq: 13 Nov 2024 17:59

Tgt Ion: 43 Resp: 2935
Ion Ratio Lower Upper
43 100
58 162.0 35.7 53.5#

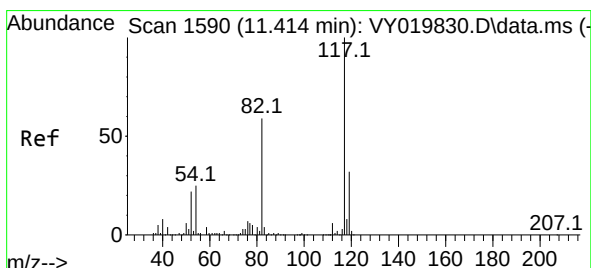
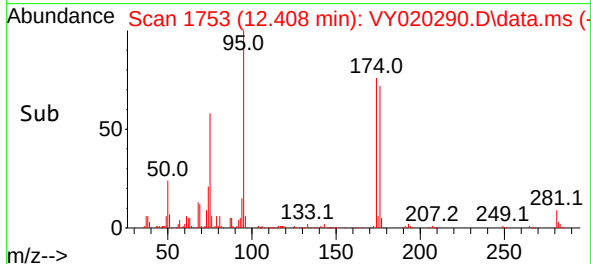
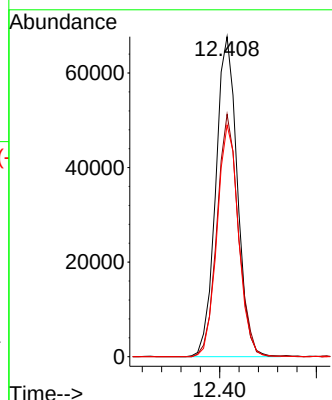
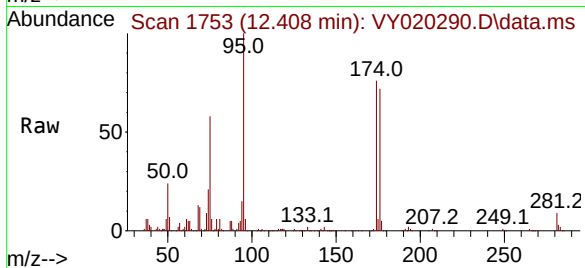




#62
4-Bromofluorobenzene
Concen: 40.216 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020290.D
Acq: 13 Nov 2024 17:59

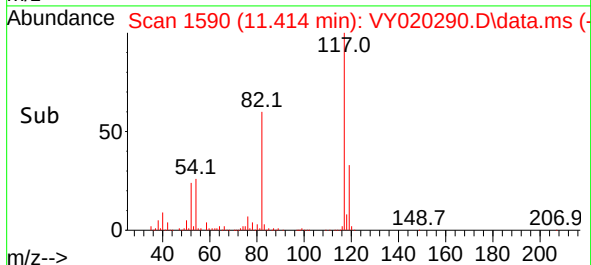
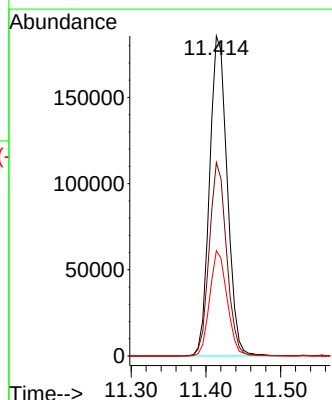
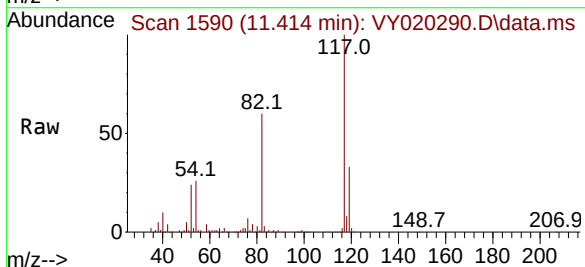
Instrument :
MSVOA_Y
ClientSampleId :

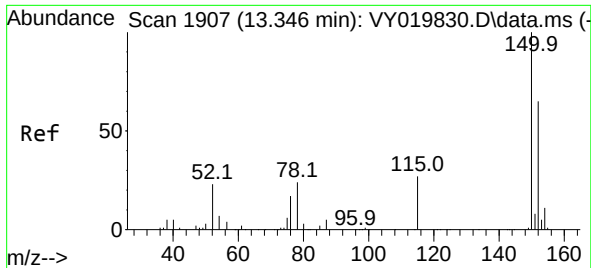
Tgt Ion: 95 Resp: 104536
Ion Ratio Lower Upper
95 100
174 75.0 0.0 175.6
176 72.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020290.D
Acq: 13 Nov 2024 17:59

Tgt Ion: 117 Resp: 304518
Ion Ratio Lower Upper
117 100
82 60.4 42.4 63.6
119 32.9 25.9 38.9

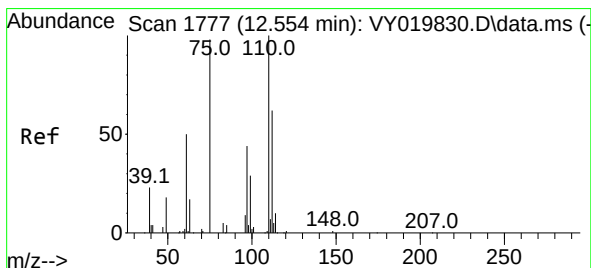
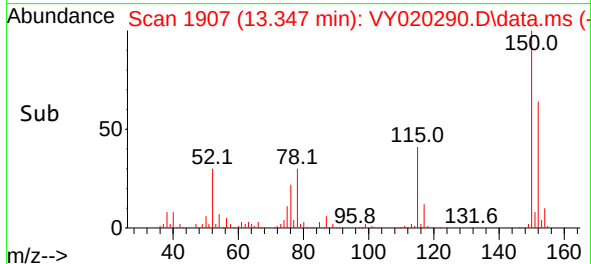
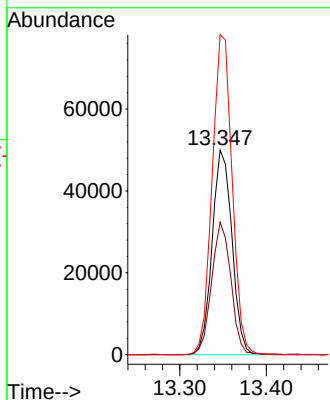
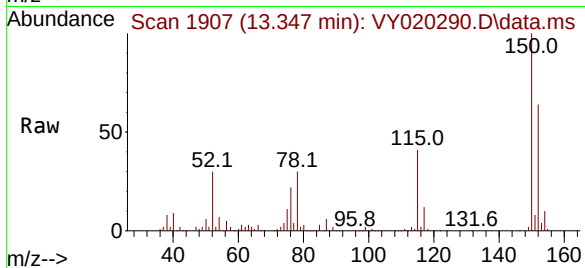




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020290.D
 Acq: 13 Nov 2024 17:59

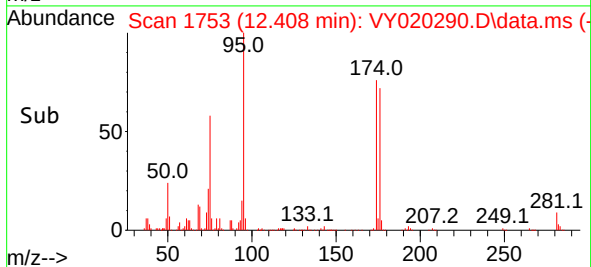
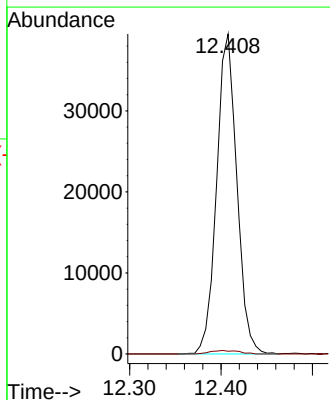
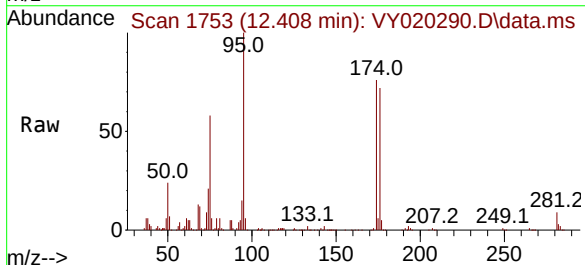
Instrument :
 MSVOA_Y
 ClientSampleId :

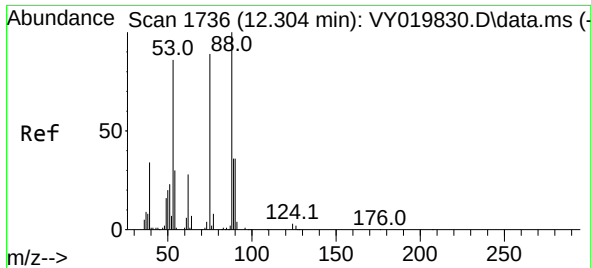
Tgt Ion:152 Resp: 79473
 Ion Ratio Lower Upper
 152 100
 115 63.2 28.2 84.7
 150 157.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 81.535 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY020290.D
 Acq: 13 Nov 2024 17:59

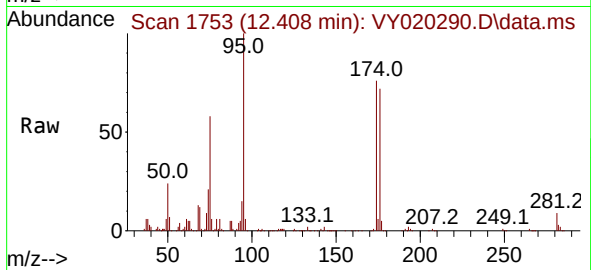
Tgt Ion: 75 Resp: 60742
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 175.380 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020290.D
Acq: 13 Nov 2024 17:59

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 60742
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.7 35.8 53.6#

