

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011397.D
 Acq On : 10 Nov 2022 17:46
 Operator : KP/MD
 Sample : N5531-08
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-33

Quant Time: Nov 10 22:17:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

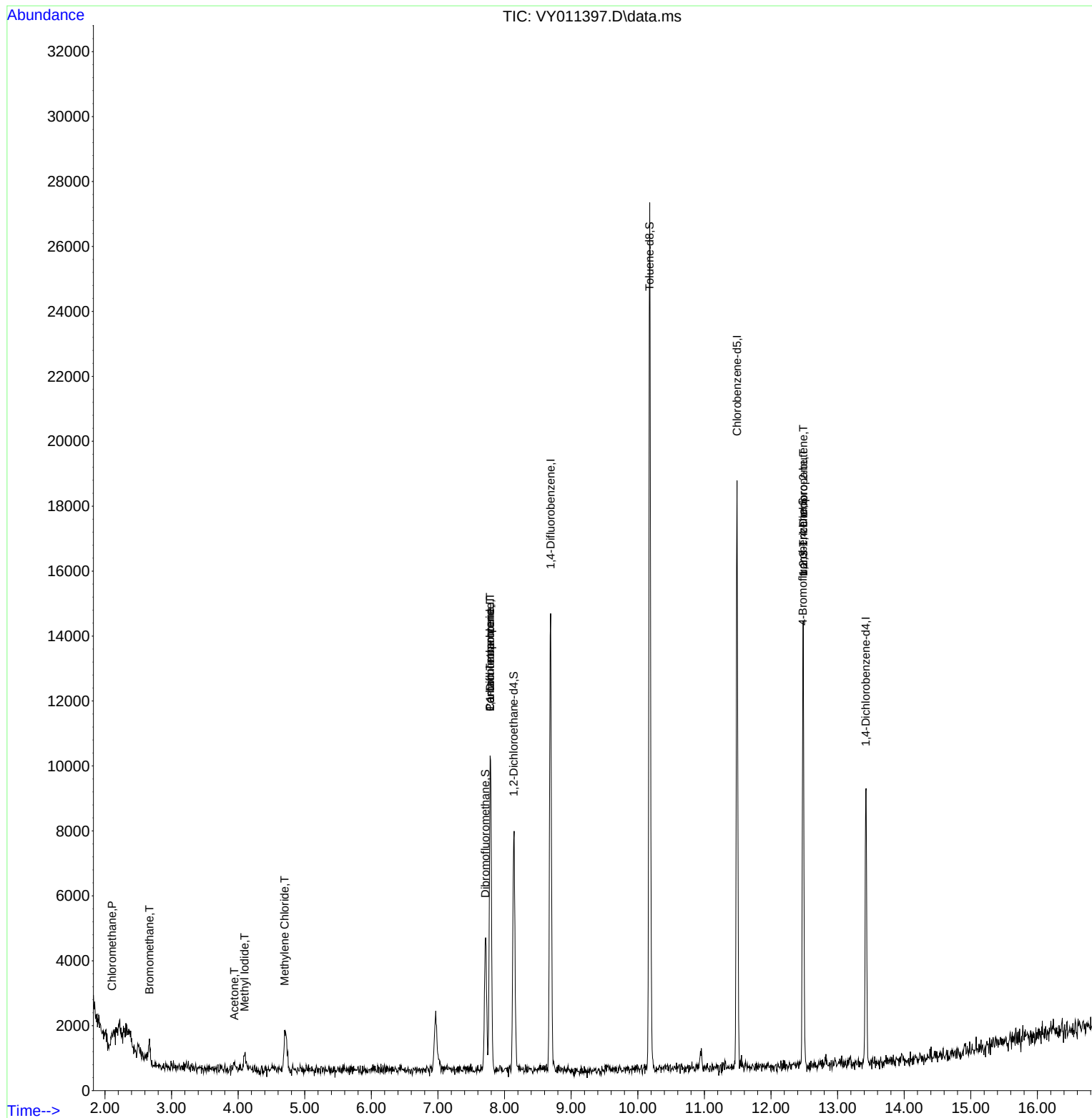
Internal Standards						
1) Pentafluorobenzene	7.783	168	8522	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	13561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	10936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	6213	87.002	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 174.000%#	
35) Dibromofluoromethane	7.710	113	3104	40.843	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 81.680%	
50) Toluene-d8	10.179	98	19378	66.743	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 133.480%	
62) 4-Bromofluorobenzene	12.477	95	4458	44.022	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 88.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	169	2.467	ug/l	# 44
5) Bromomethane	2.668	94	365	6.243	ug/l	94
10) Methyl Iodide	4.095	142	944	9.165	ug/l	# 84
16) Acetone	3.942	43	229	12.152	ug/l	# 47
20) Methylene Chloride	4.698	84	1029	3.004	ug/l	# 71
36) 1,1-Dichloropropene	7.783	75	545	4.620	ug/l	# 42
38) Carbon Tetrachloride	7.783	117	722	5.627	ug/l	# 11
76) 1,2,3-Trichloropropane	12.483	75	2166	67.045	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	2166	161.156	ug/l	# 7

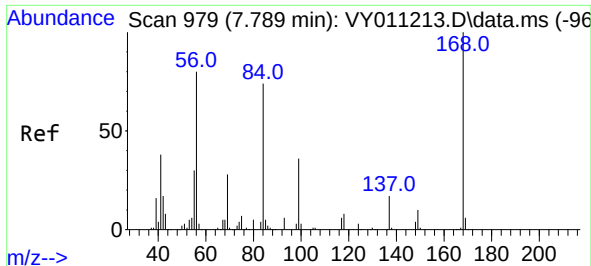
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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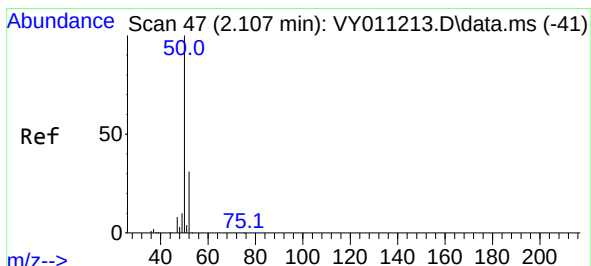
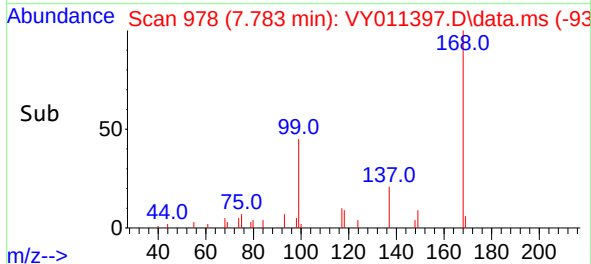
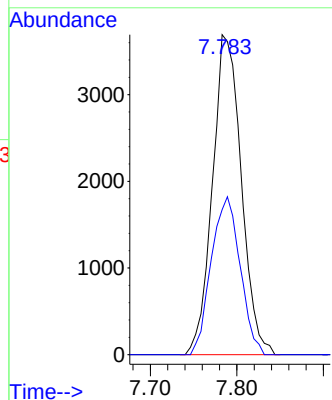
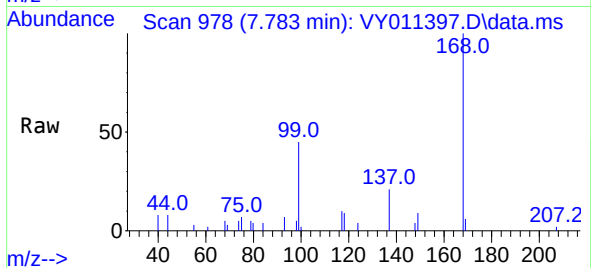




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

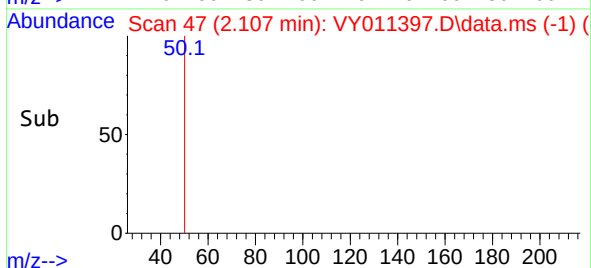
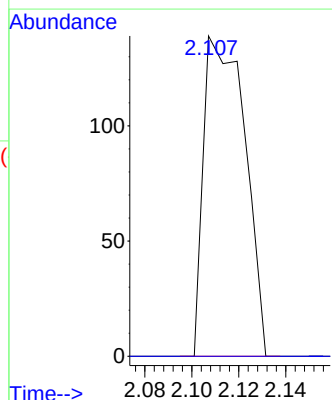
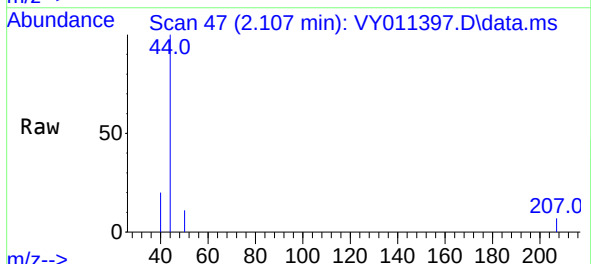
Instrument :
MSVOA_Y
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SB-33

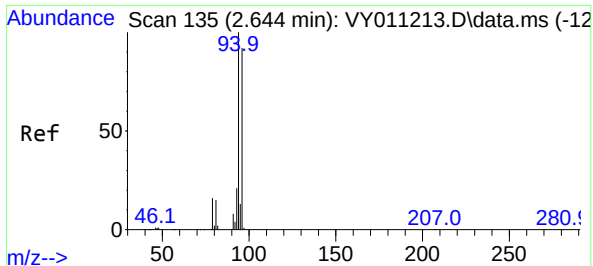
Tgt Ion:168 Resp: 8522
Ion Ratio Lower Upper
168 100
99 45.3 46.9 70.3#



#3
Chloromethane
Concen: 2.467 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

Tgt Ion: 50 Resp: 169
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

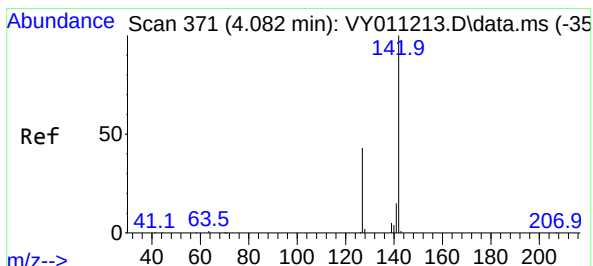
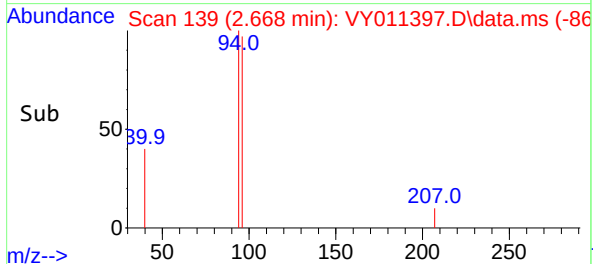
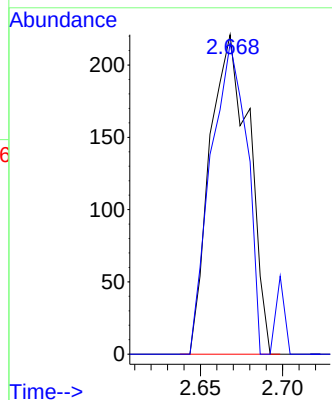
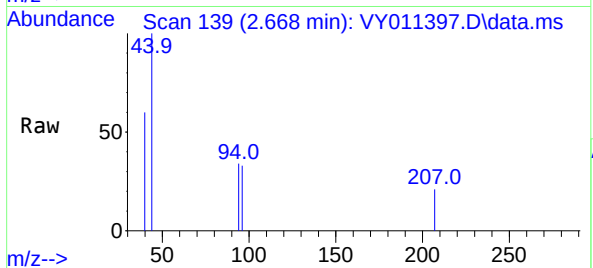




#5
Bromomethane
Concen: 6.243 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

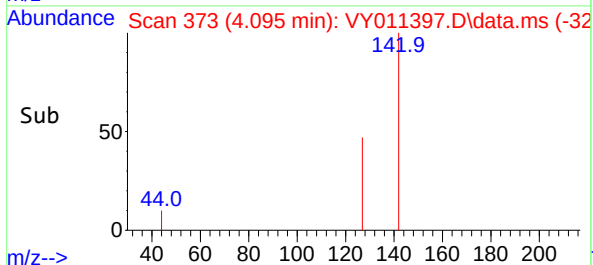
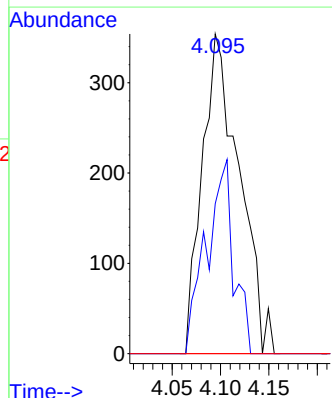
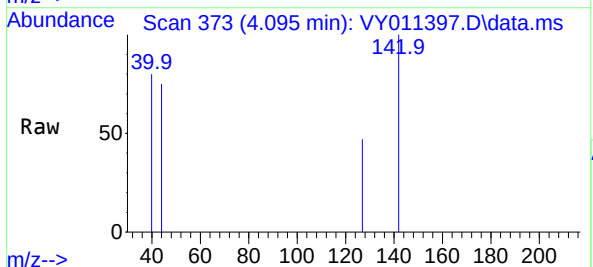
Instrument :
MSVOA_Y
ClientSampleId :
SB-33

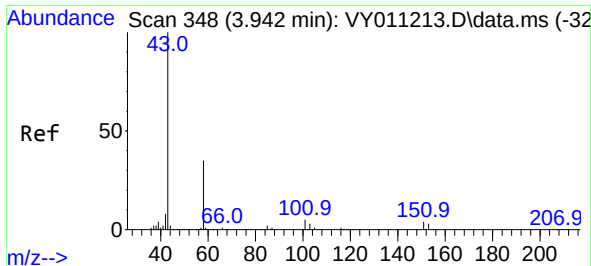
Tgt Ion: 94 Resp: 365
Ion Ratio Lower Upper
94 100
96 97.3 73.5 110.3



#10
Methyl Iodide
Concen: 9.165 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

Tgt Ion: 142 Resp: 944
Ion Ratio Lower Upper
142 100
127 44.7 41.5 62.3
141 0.0 11.9 17.9#

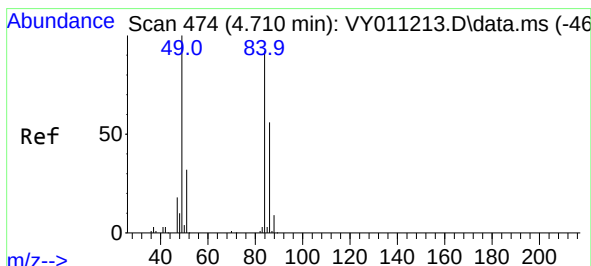
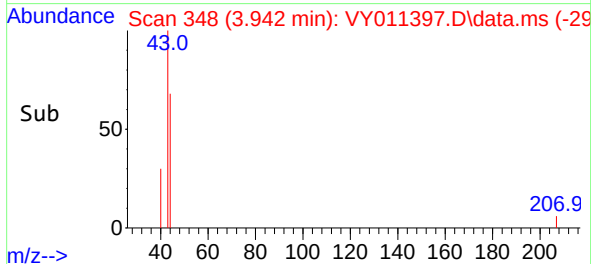
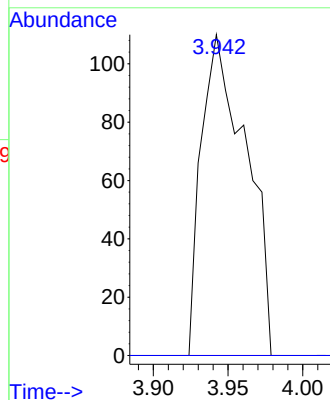
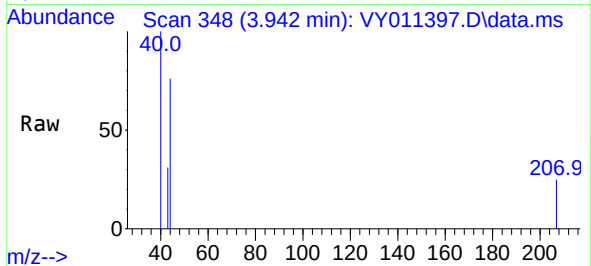




#16
Acetone
Concen: 12.152 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

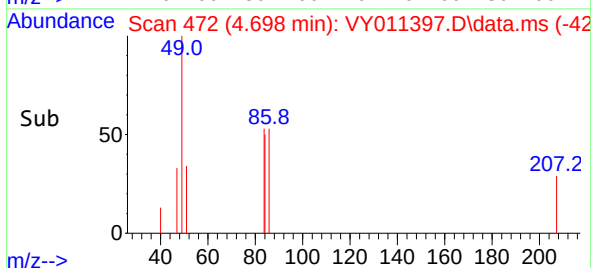
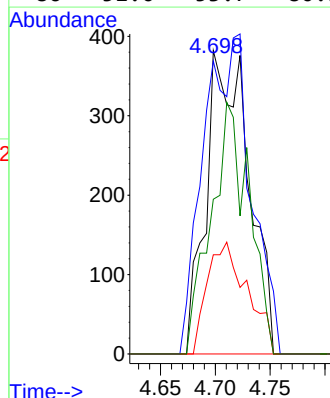
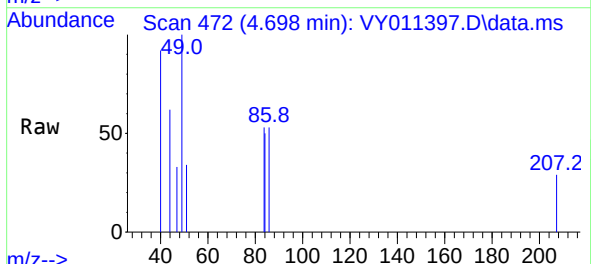
Instrument :
MSVOA_Y
ClientSampleId :
SB-33

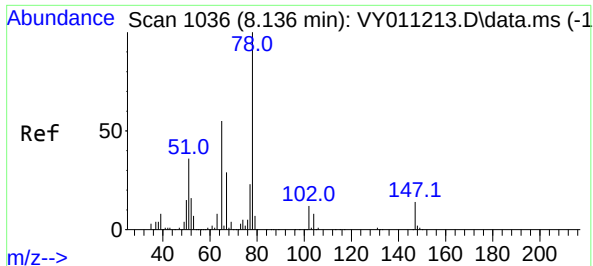
Tgt Ion: 43 Resp: 229
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 3.004 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

Tgt Ion: 84 Resp: 1029
Ion Ratio Lower Upper
84 100
49 96.6 114.4 171.6#
51 32.7 35.3 52.9#
86 51.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 87.002 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011397.D

Acq: 10 Nov 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

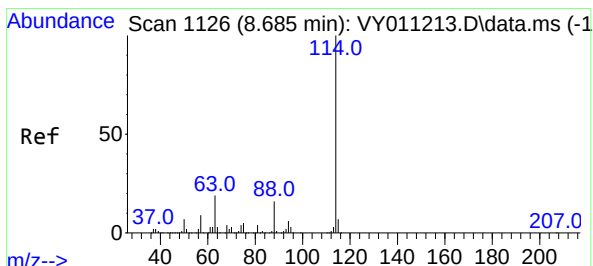
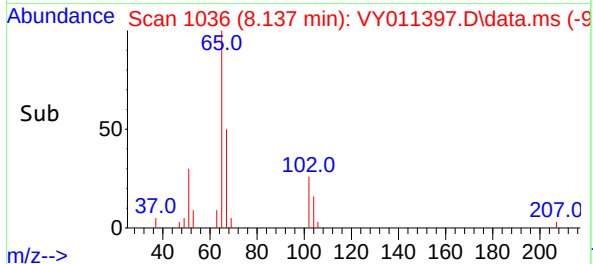
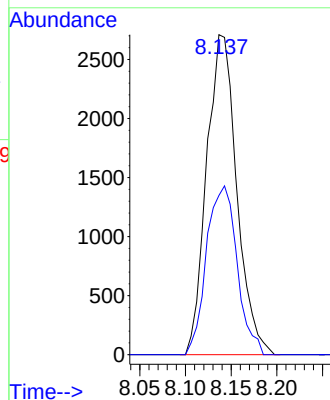
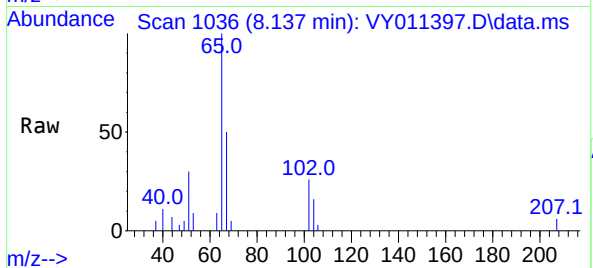
SB-33

Tgt Ion: 65 Resp: 6213

Ion Ratio Lower Upper

65 100

67 53.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011397.D

Acq: 10 Nov 2022 17:46

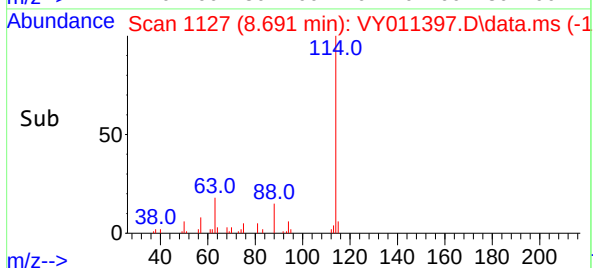
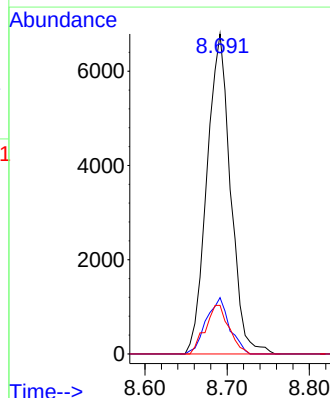
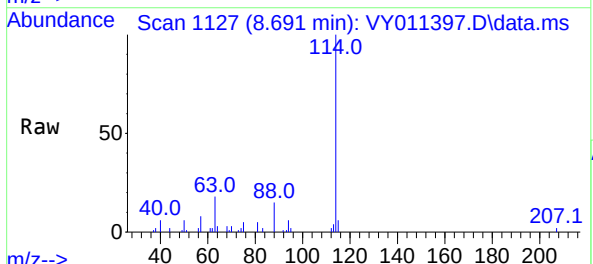
Tgt Ion: 114 Resp: 13561

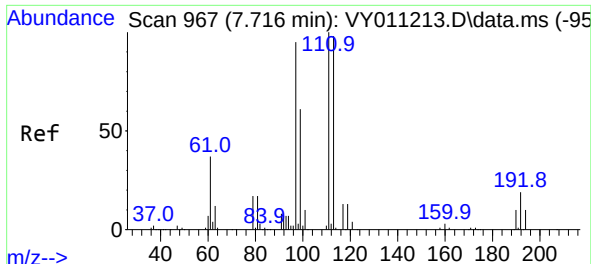
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 15.2 0.0 31.8

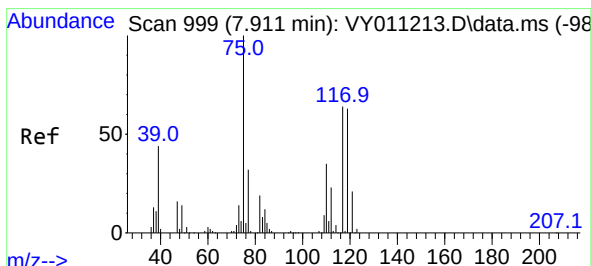
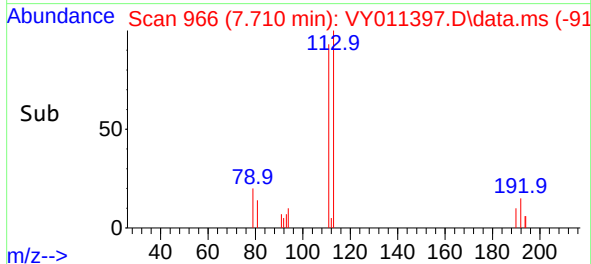
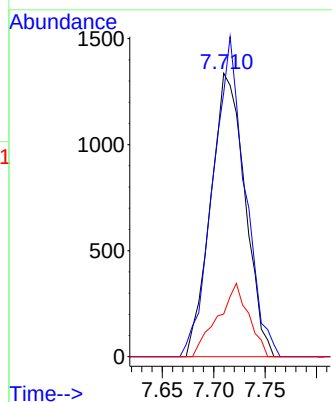
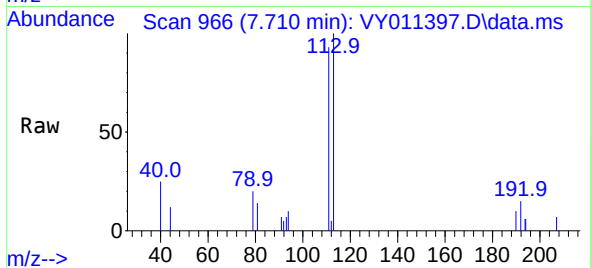




#35
Dibromofluoromethane
Concen: 40.843 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

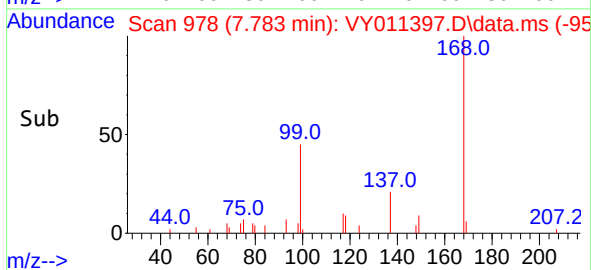
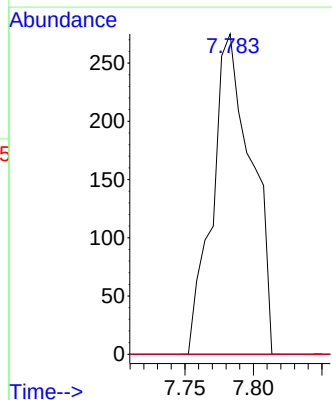
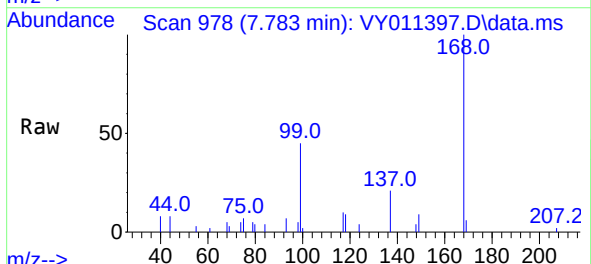
Instrument :
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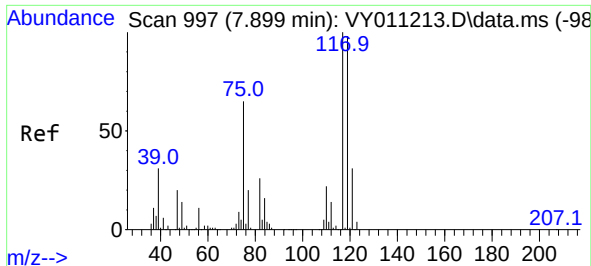
Tgt Ion:	113	Resp:	3104
Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.6	124.0
192	23.3	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.620 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

Tgt Ion:	75	Resp:	545
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.4	36.6#

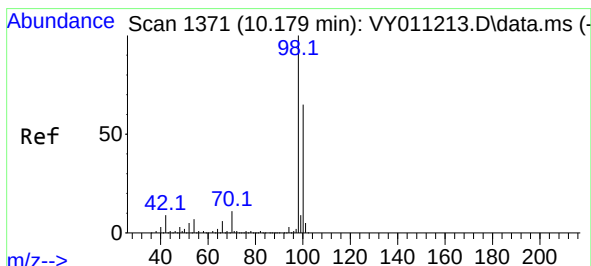
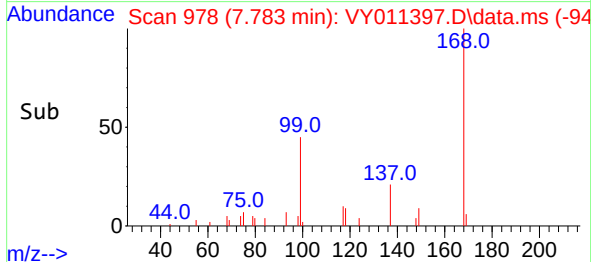
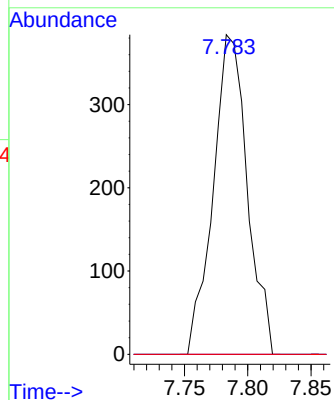
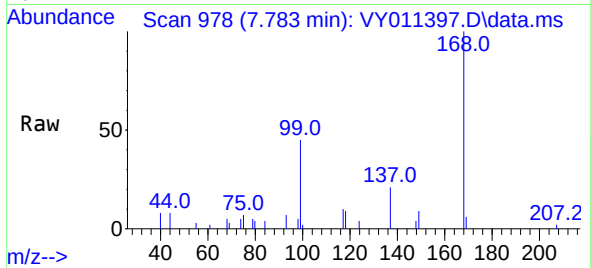




#38
Carbon Tetrachloride
Concen: 5.627 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

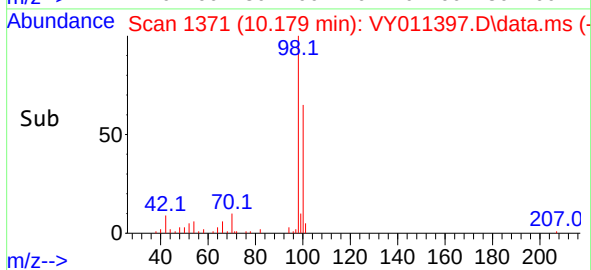
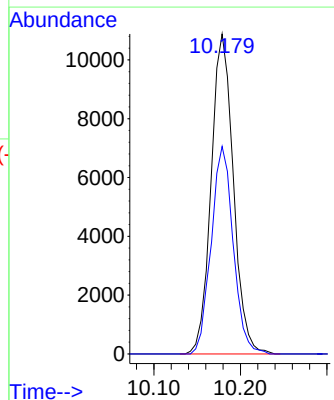
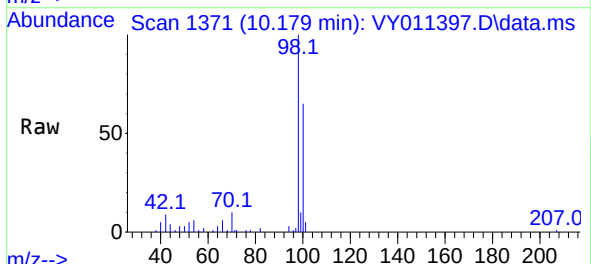
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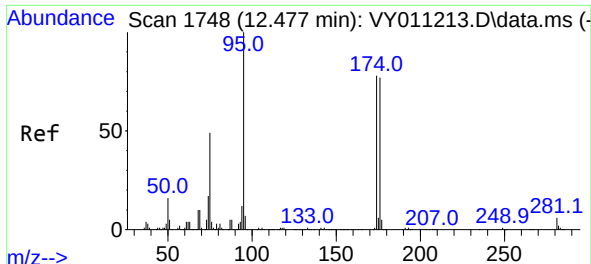
Tgt Ion:117 Resp: 722
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 66.743 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

Tgt Ion: 98 Resp: 19378
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

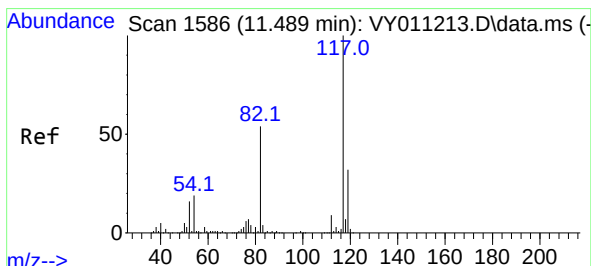
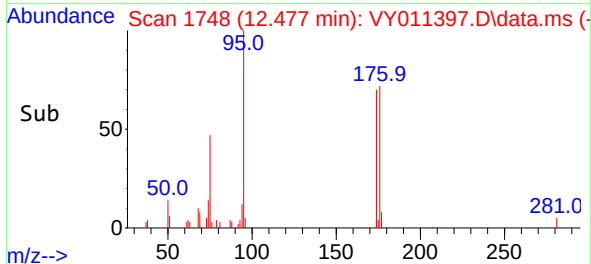
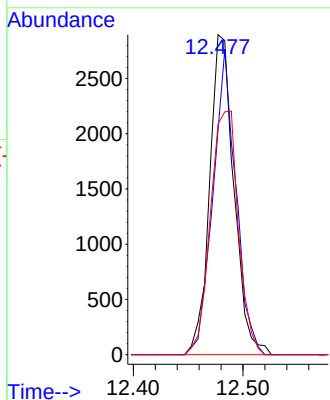
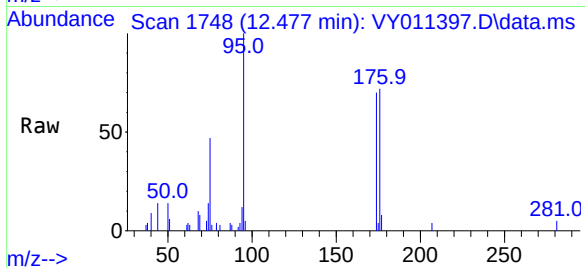




#62
4-Bromofluorobenzene
Concen: 44.022 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

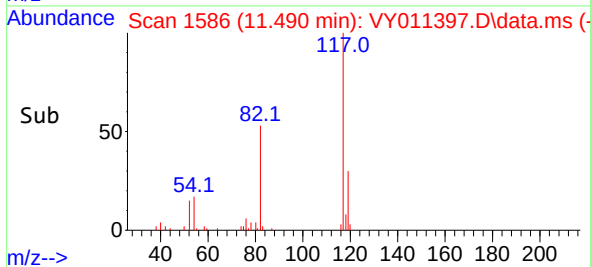
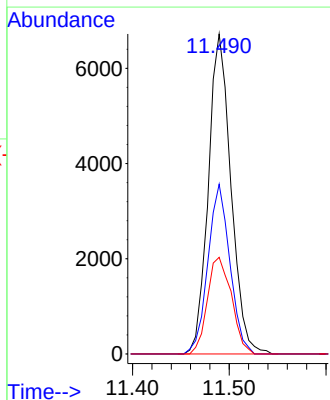
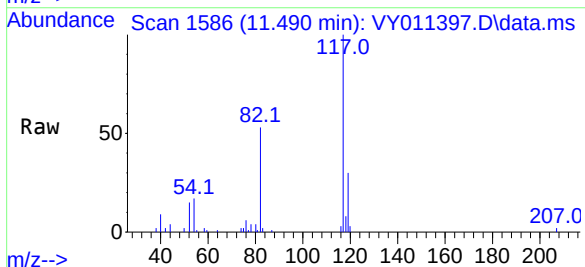
Instrument :
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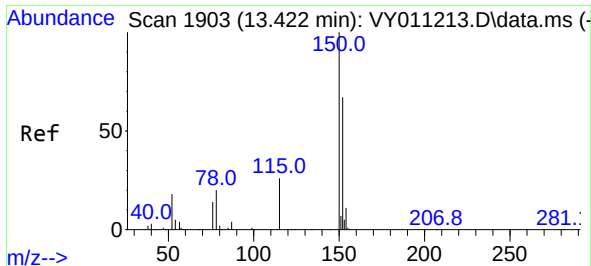
Tgt Ion: 95 Resp: 4458
Ion Ratio Lower Upper
95 100
174 89.9 0.0 177.0
176 87.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011397.D
Acq: 10 Nov 2022 17:46

Tgt Ion: 117 Resp: 10936
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 30.2 25.4 38.0



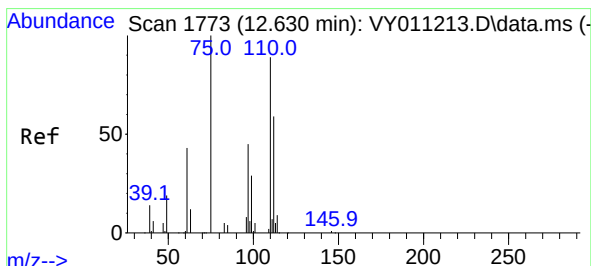
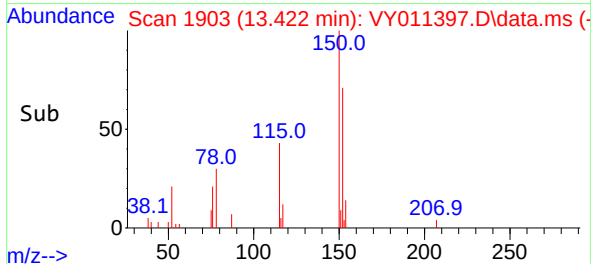
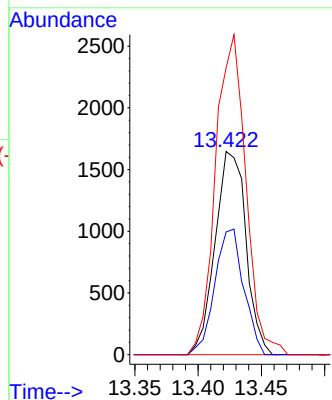
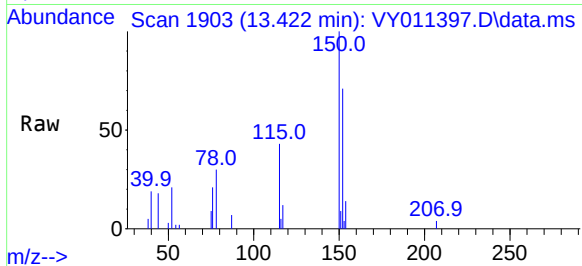


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011397.D
 Acq: 10 Nov 2022 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-33

Tgt Ion:152 Resp: 2791

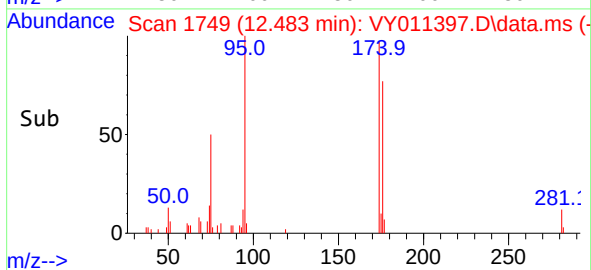
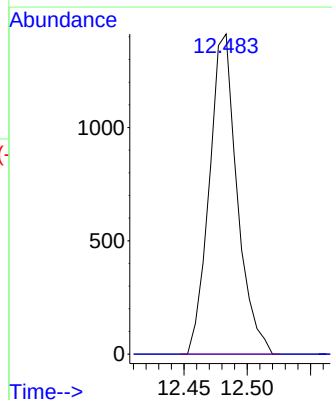
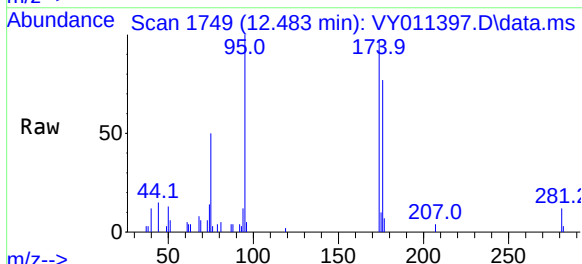
Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.2	84.7
150	154.5	0.0	347.6

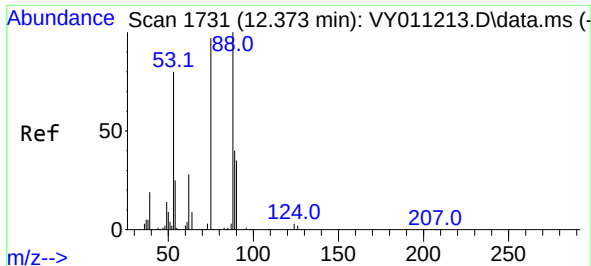


#76
 1,2,3-Trichloropropane
 Concen: 67.045 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY011397.D
 Acq: 10 Nov 2022 17:46

Tgt Ion: 75 Resp: 2166

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 161.156 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY011397.D
 Acq: 10 Nov 2022 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-33

Tgt Ion: 75 Resp: 2166
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

