

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
 Data File : VY013056.D
 Acq On : 23 Mar 2023 12:48
 Operator : KP/MD
 Sample : VY0323SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0323SBL01

Quant Time: Mar 24 05:01:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

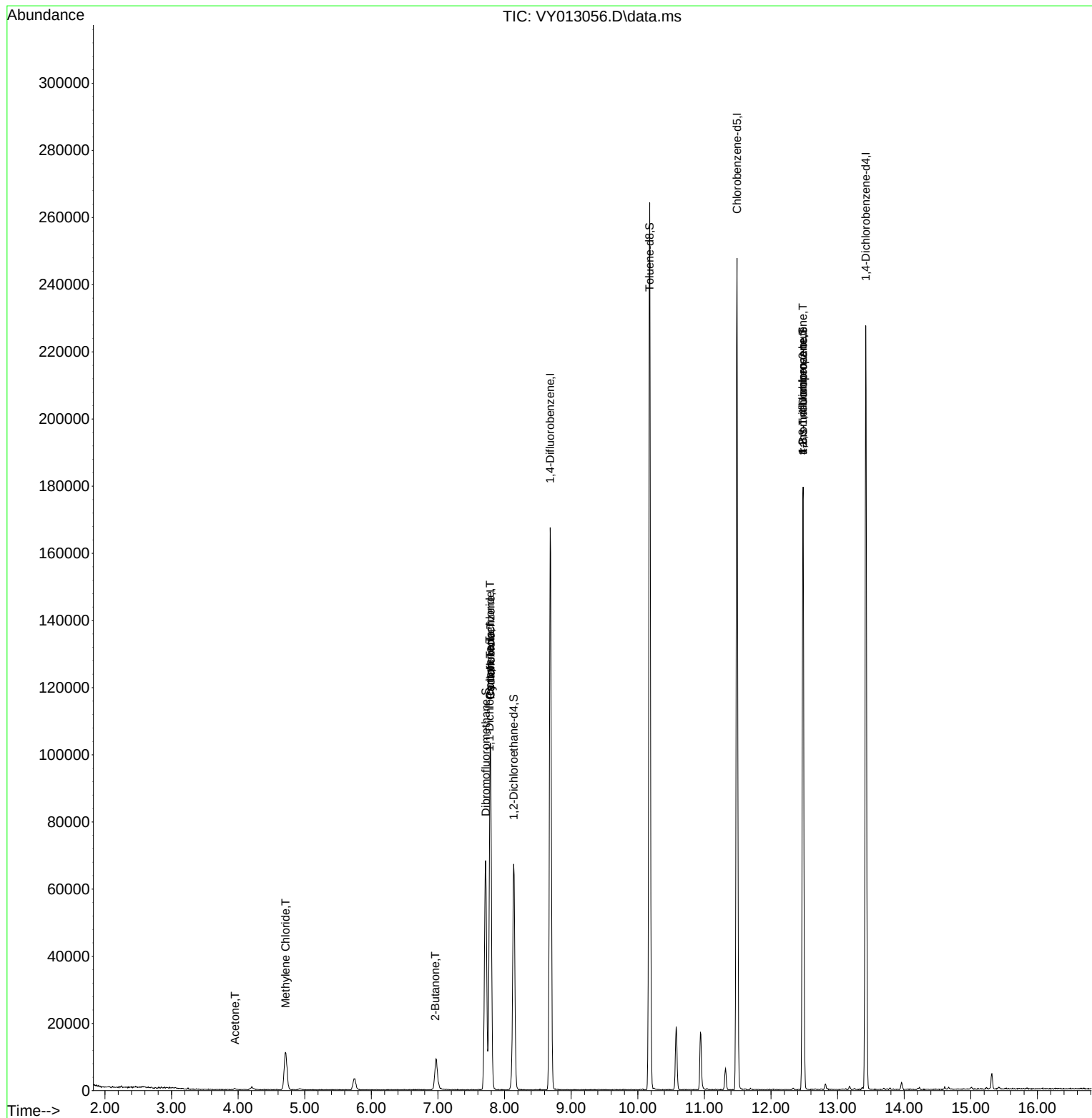
Internal Standards						
1) Pentafluorobenzene	7.789	168	83316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	139573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	128284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	51293	62.006	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 124.020%	
35) Dibromofluoromethane	7.716	113	47781	56.725	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 113.460%	
50) Toluene-d8	10.179	98	167688	54.455	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 108.920%	
62) 4-Bromofluorobenzene	12.477	95	50099	48.202	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 96.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	432	Below Cal	#	74
16) Acetone	3.954	43	651	2.005	ug/l #	44
20) Methylene Chloride	4.710	84	8319	3.387	ug/l	92
25) 2-Butanone	6.960	43	565	1.405	ug/l #	49
31) Cyclohexane	7.789	56	1860	1.174	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	6326	4.482	ug/l #	49
38) Carbon Tetrachloride	7.783	117	8002	5.490	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	26832	38.837	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	26832	80.471	ug/l #	13

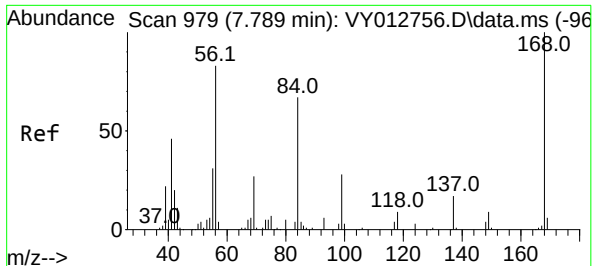
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

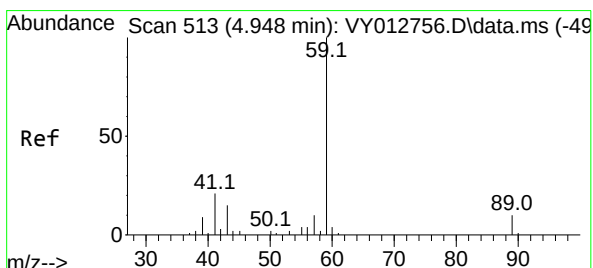
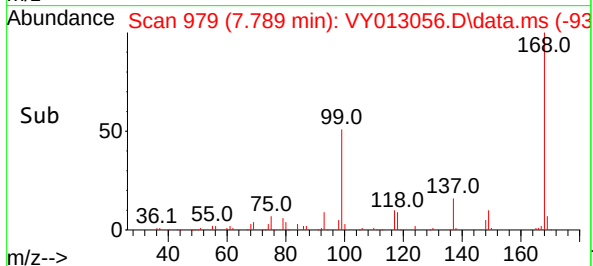
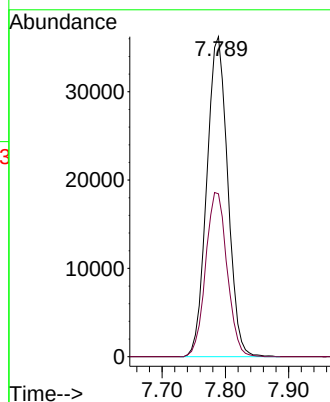
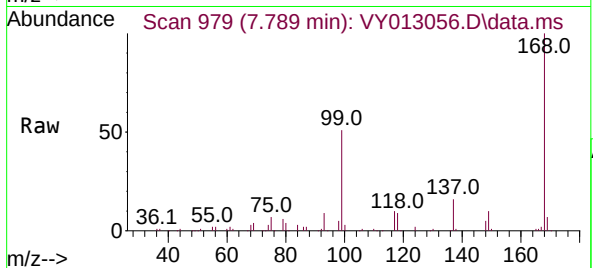




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013056.D
Acq: 23 Mar 2023 12:48

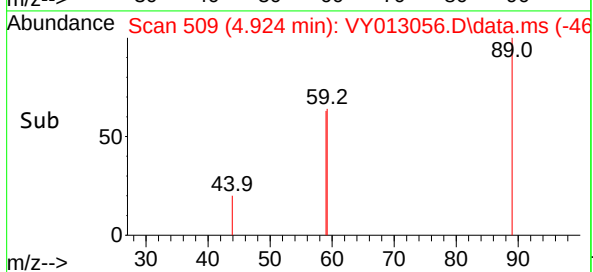
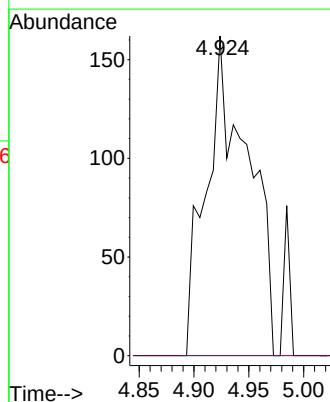
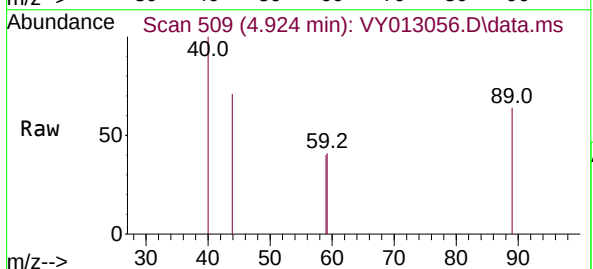
Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBL01

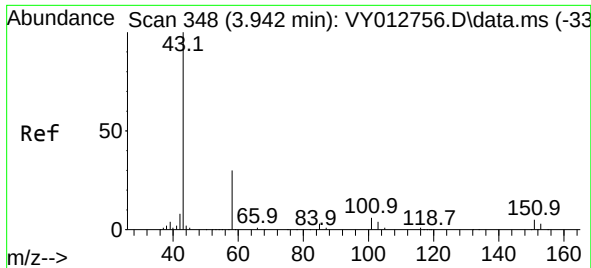
Tgt Ion:168 Resp: 83316
Ion Ratio Lower Upper
168 100
99 50.9 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY013056.D
Acq: 23 Mar 2023 12:48

Tgt Ion: 59 Resp: 432
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

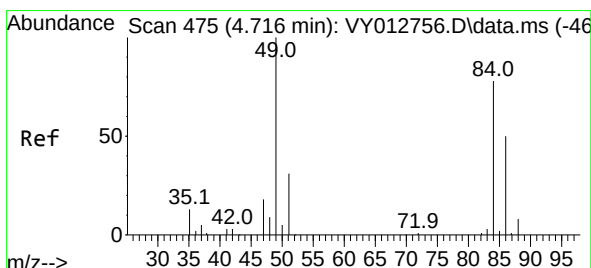
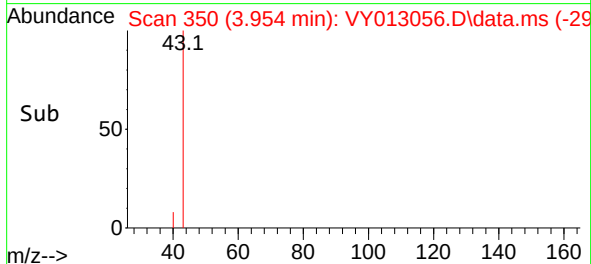
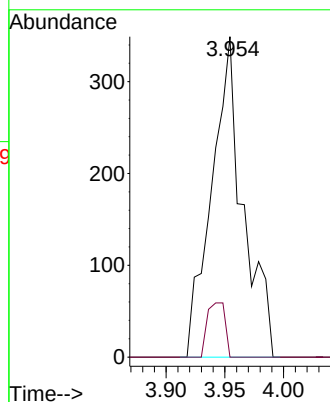
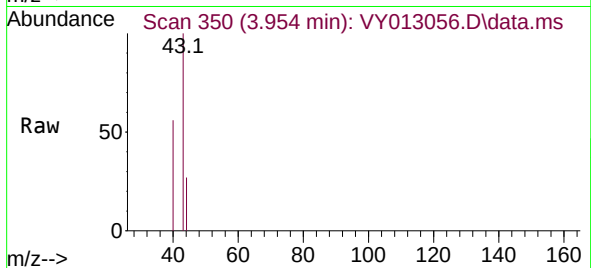




#16
Acetone
Concen: 2.005 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY013056.D
Acq: 23 Mar 2023 12:48

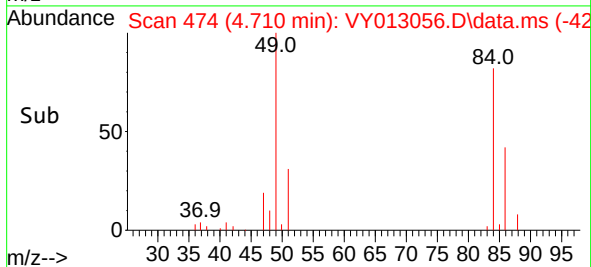
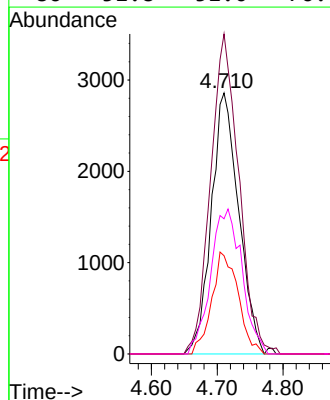
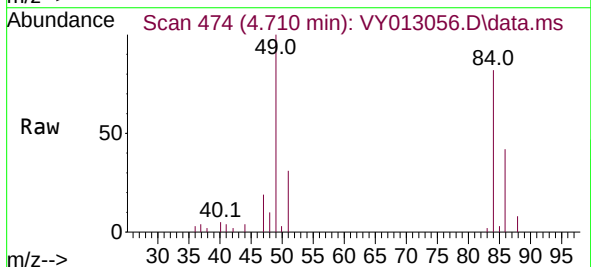
Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBL01

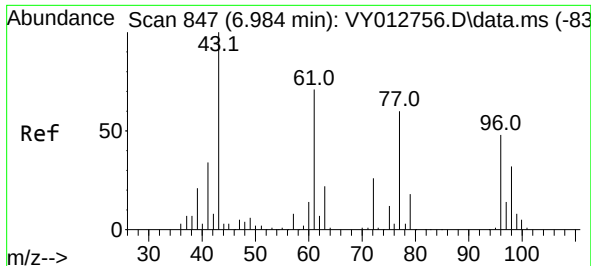
Tgt Ion: 43 Resp: 651
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: 3.387 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013056.D
Acq: 23 Mar 2023 12:48

Tgt Ion: 84 Resp: 8319
Ion Ratio Lower Upper
84 100
49 122.6 102.6 154.0
51 37.6 31.9 47.9
86 51.8 51.0 76.6

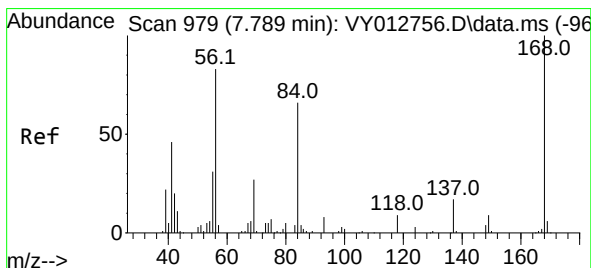
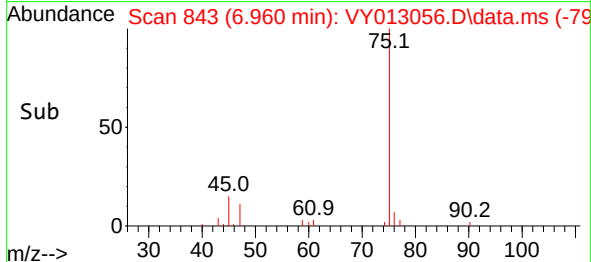
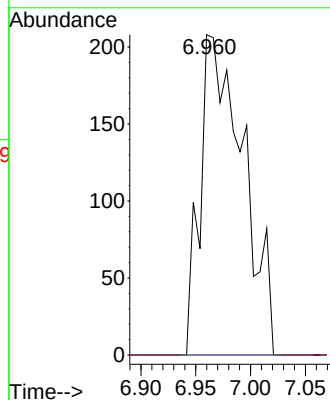
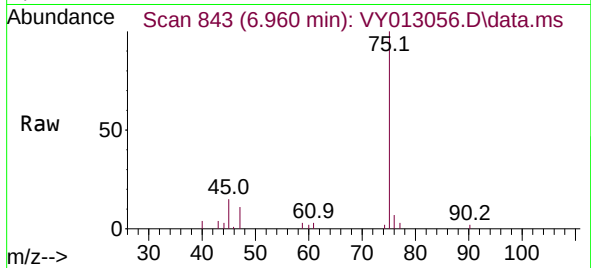




#25
2-Butanone
Concen: 1.405 ug/l
RT: 6.960 min Scan# 847
Delta R.T. -0.024 min
Lab File: VY013056.D
Acq: 23 Mar 2023 12:48

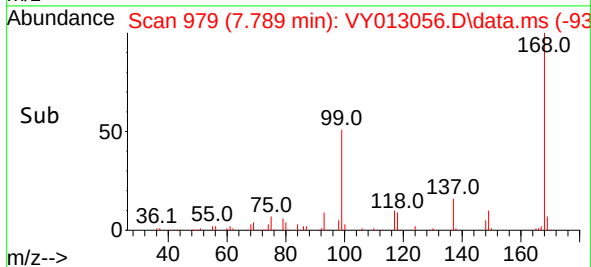
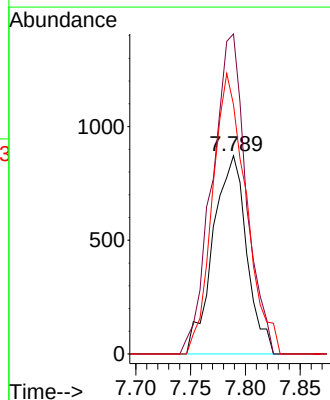
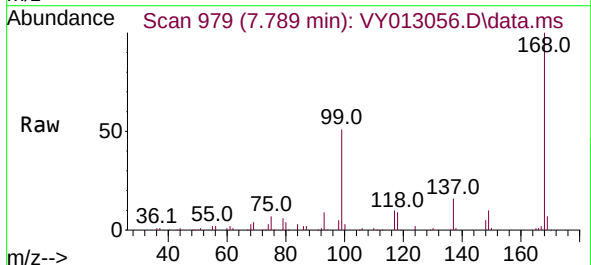
Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBL01

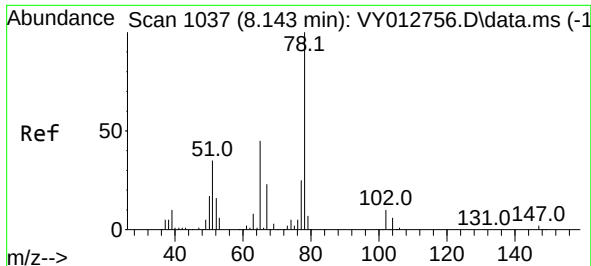
Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.174 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY013056.D
Acq: 23 Mar 2023 12:48

Tgt Ion: 56 Resp: 1860
Ion Ratio Lower Upper
56 100
69 161.4 25.7 38.5#
84 125.8 64.3 96.5#

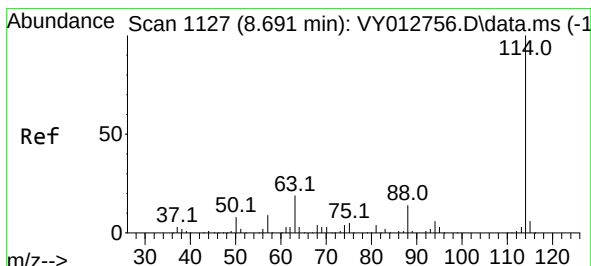
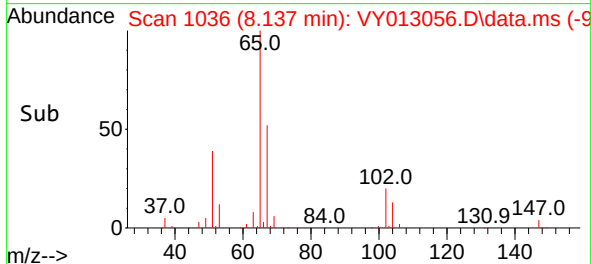
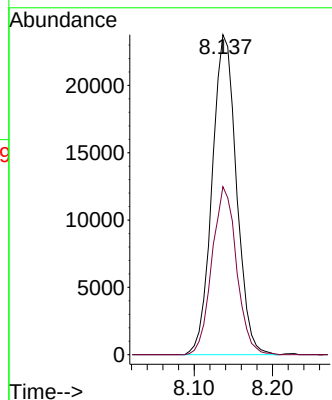
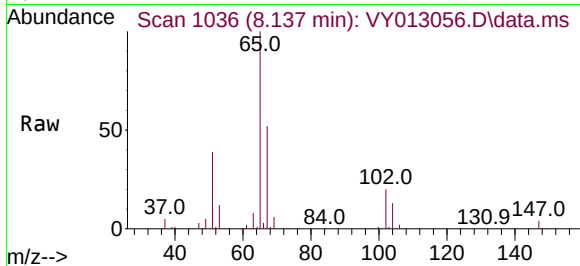




#33
 1,2-Dichloroethane-d4
 Concen: 62.006 ug/l
 RT: 8.137 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY013056.D
 Acq: 23 Mar 2023 12:48

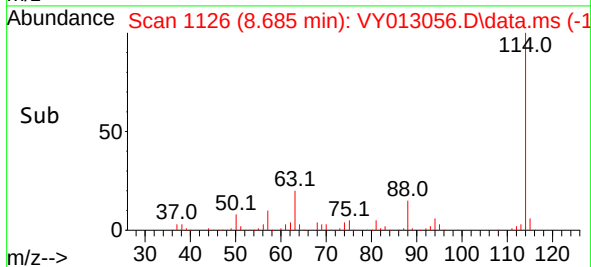
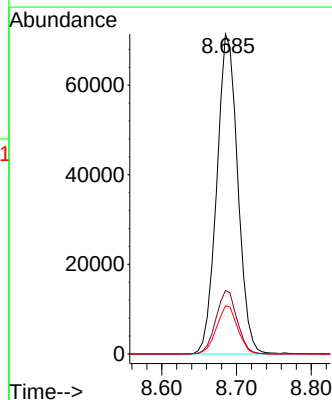
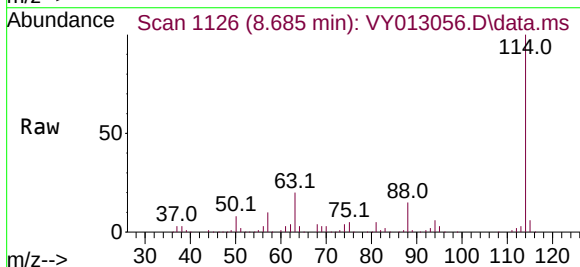
Instrument :
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 ClientSampleId :
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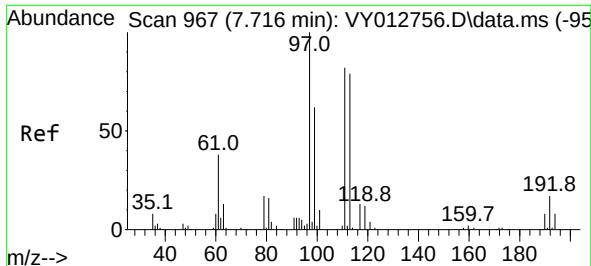
Tgt Ion: 65 Resp: 51293
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013056.D
 Acq: 23 Mar 2023 12:48

Tgt Ion: 114 Resp: 139573
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.4
 88 15.1 0.0 28.6

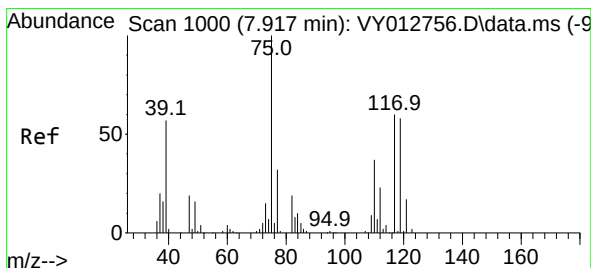
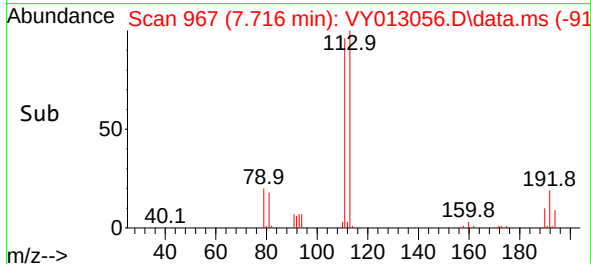
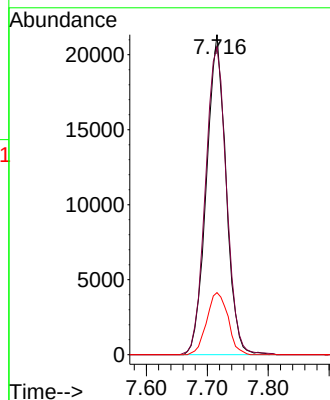
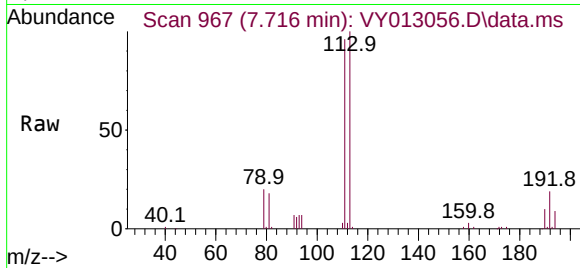




#35
Dibromofluoromethane
Concen: 56.725 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY013056.D
Acq: 23 Mar 2023 12:48

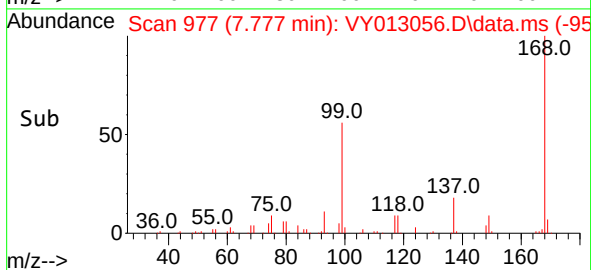
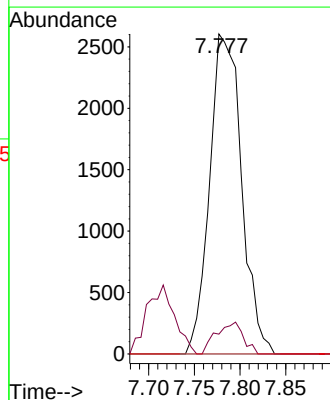
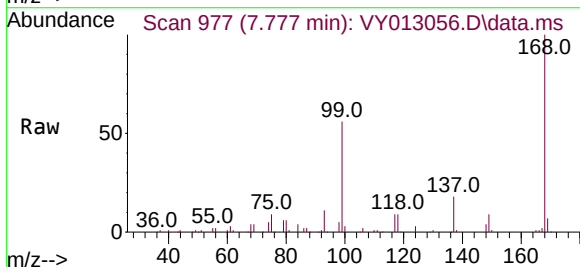
Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBL01

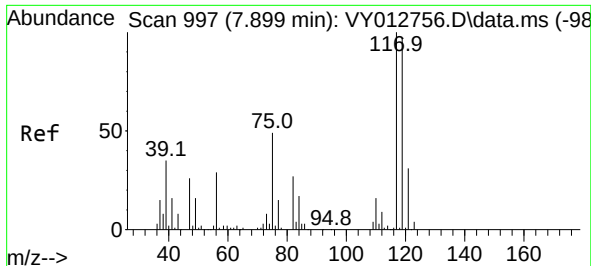
Tgt Ion:113 Resp: 47781
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 21.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.482 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.140 min
Lab File: VY013056.D
Acq: 23 Mar 2023 12:48

Tgt Ion: 75 Resp: 6326
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.3#
77 0.0 25.0 37.4#

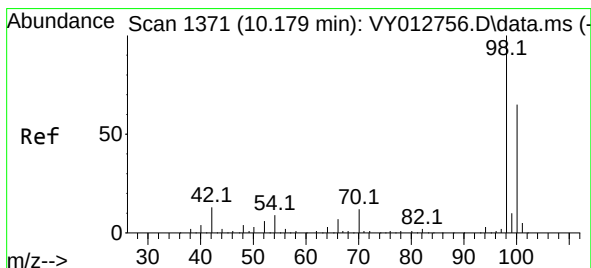
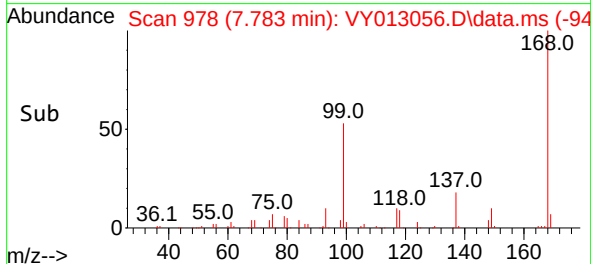
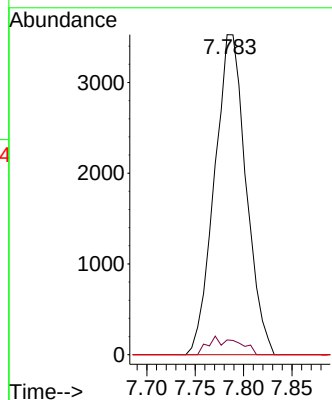
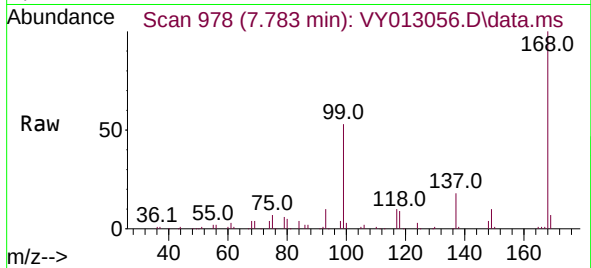




#38
Carbon Tetrachloride
Concen: 5.490 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013056.D
Acq: 23 Mar 2023 12:48

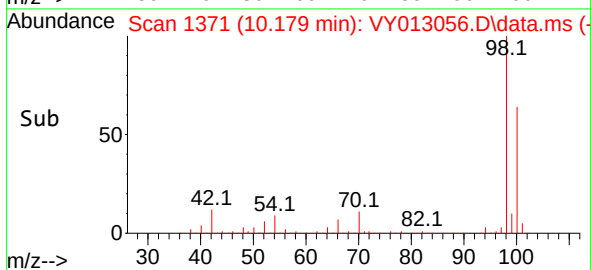
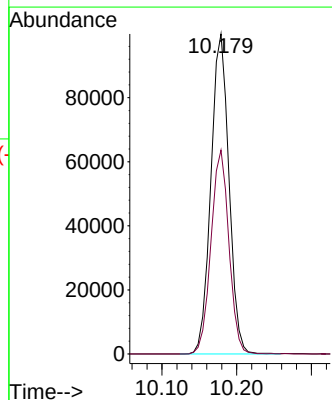
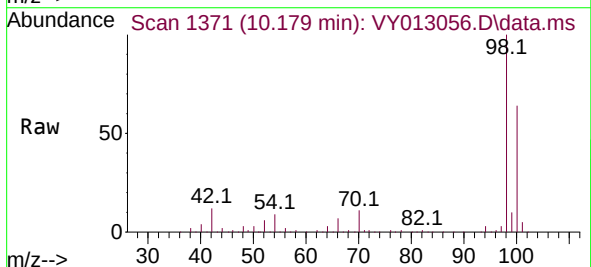
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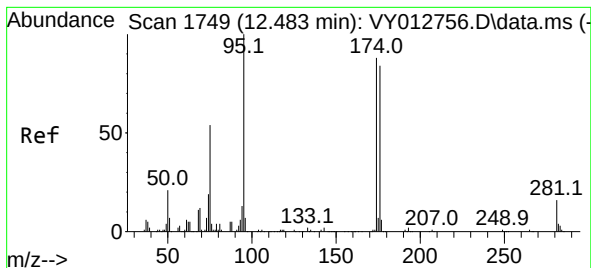
Tgt Ion:117 Resp: 8002
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.455 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013056.D
Acq: 23 Mar 2023 12:48

Tgt Ion: 98 Resp: 167688
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

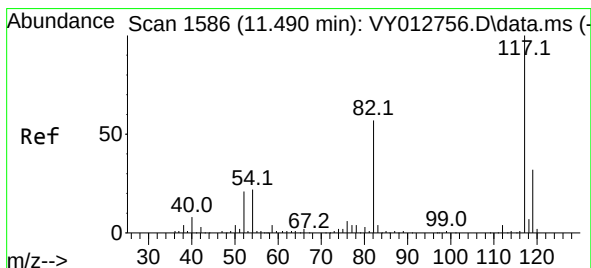
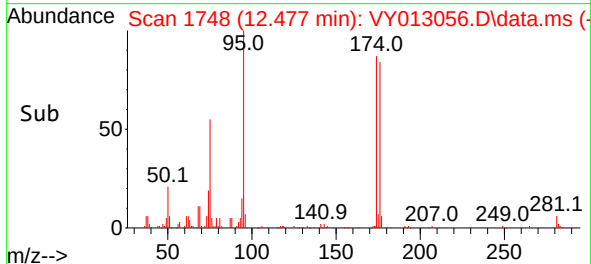
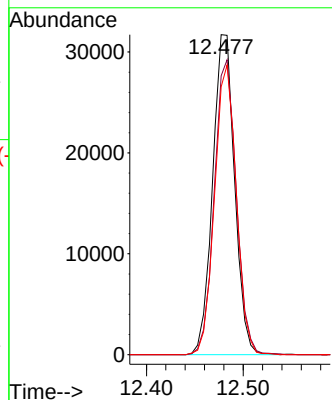
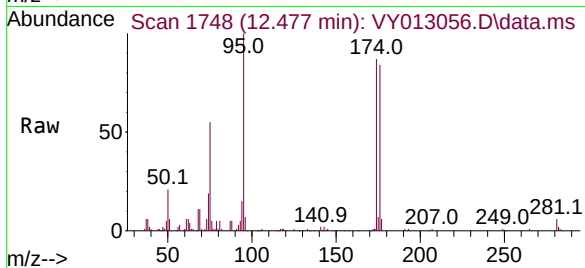




#62
4-Bromofluorobenzene
Concen: 48.202 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013056.D
Acq: 23 Mar 2023 12:48

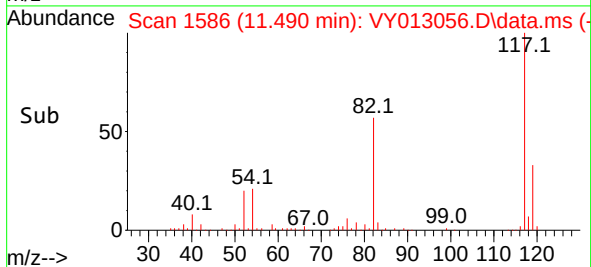
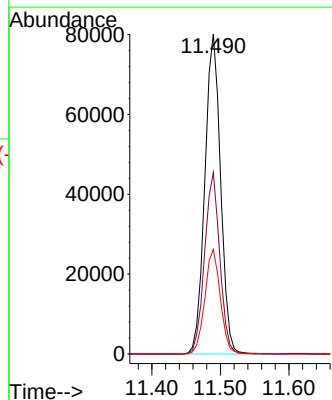
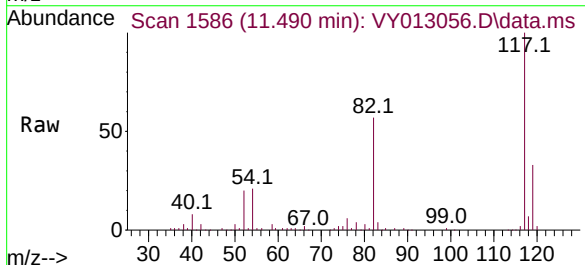
Instrument :
MSVOA_Y
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VY0323SBL01

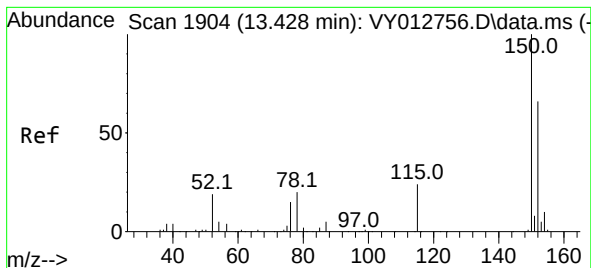
Tgt Ion: 95 Resp: 50099
Ion Ratio Lower Upper
95 100
174 92.1 0.0 176.6
176 89.2 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013056.D
Acq: 23 Mar 2023 12:48

Tgt Ion: 117 Resp: 128284
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 32.6 25.6 38.4

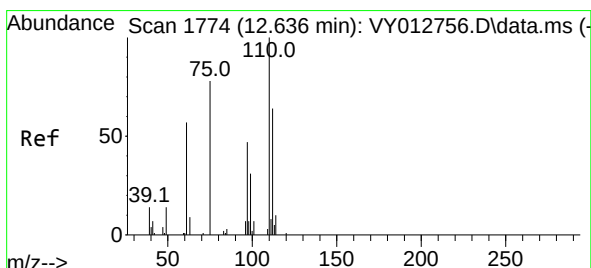
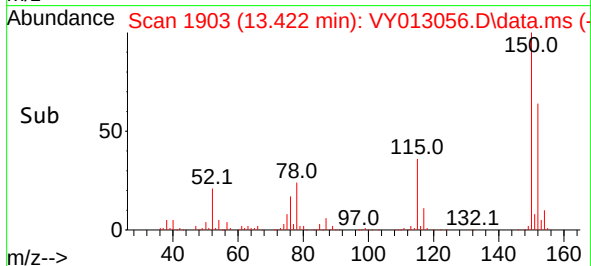
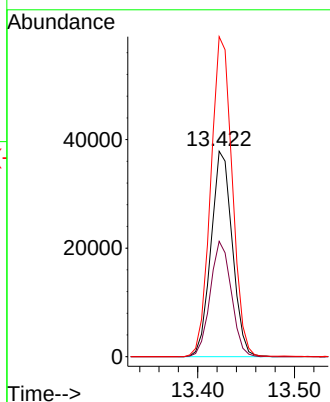
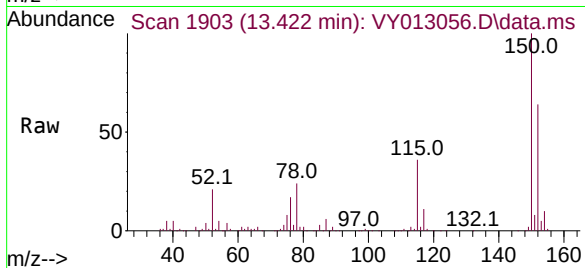




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY013056.D
 Acq: 23 Mar 2023 12:48

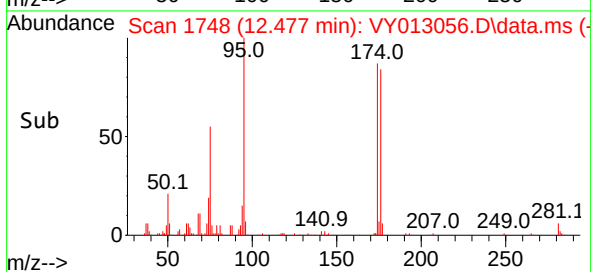
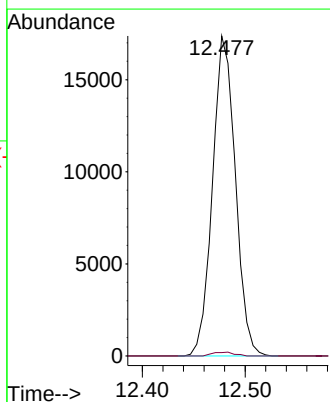
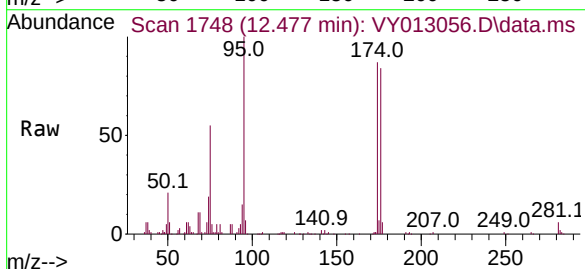
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0323SBL01

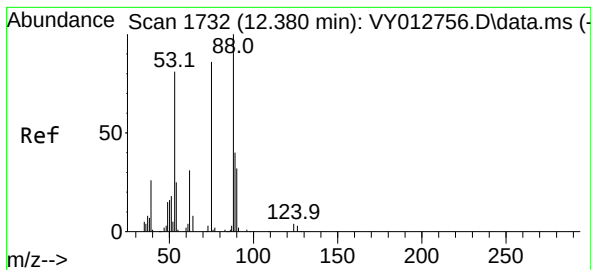
Tgt Ion:152 Resp: 57856
 Ion Ratio Lower Upper
 152 100
 115 55.5 27.1 81.3
 150 157.3 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 38.837 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY013056.D
 Acq: 23 Mar 2023 12:48

Tgt Ion: 75 Resp: 26832
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.471 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013056.D
 Acq: 23 Mar 2023 12:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0323SBL01

Tgt Ion: 75 Resp: 26832
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

