

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013738.D
 Acq On : 15 May 2023 15:40
 Operator : KP/MD
 Sample : 02746-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-64.5-051023

Quant Time: May 16 01:32:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

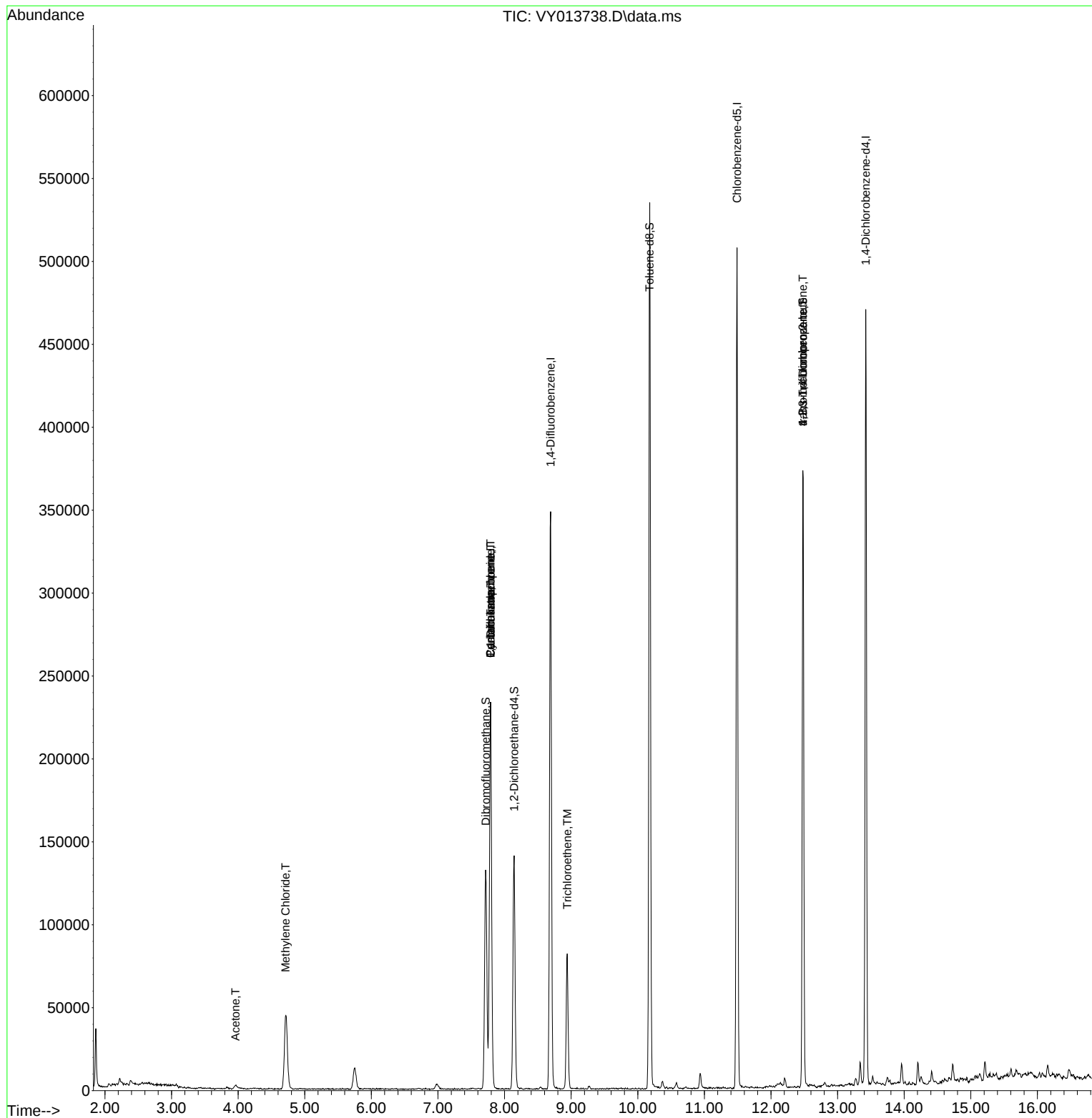
Internal Standards						
1) Pentafluorobenzene	7.789	168	175563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	285525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	261539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	109419	56.854	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.700%			
35) Dibromofluoromethane	7.716	113	93472	52.050	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.100%			
50) Toluene-d8	10.179	98	345952	54.153	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.300%			
62) 4-Bromofluorobenzene	12.477	95	108835	50.534	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.060%			
Target Compounds			Qvalue			
13) Acrolein	3.735	56	64	Below Cal	#	61
16) Acetone	3.960	43	4021	5.305	ug/l	92
20) Methylene Chloride	4.710	84	32605	6.732	ug/l #	84
31) Cyclohexane	7.789	56	4371	1.269	ug/l #	25
36) 1,1-Dichloropropene	7.789	75	14091	4.728	ug/l #	49
38) Carbon Tetrachloride	7.789	117	17335	5.549	ug/l #	16
44) Trichloroethene	8.941	130	28277	12.662	ug/l	88
76) 1,2,3-Trichloropropane	12.477	75	58901	37.602	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	58901	76.917	ug/l #	13

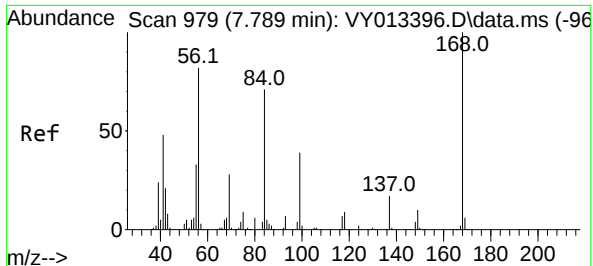
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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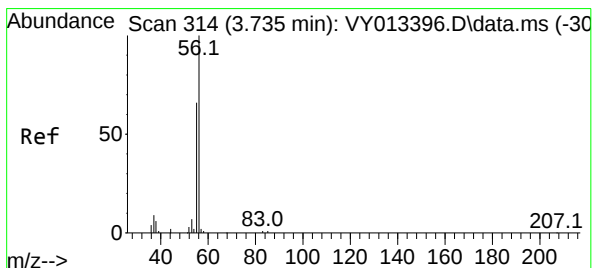
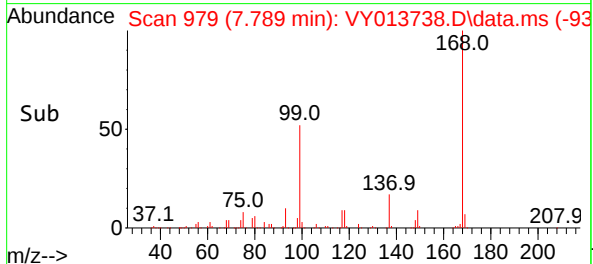
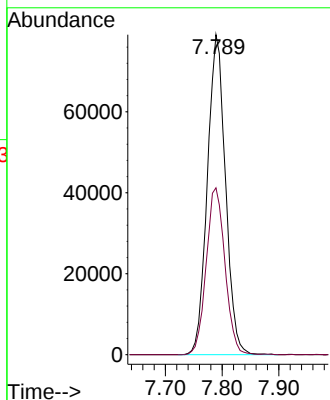
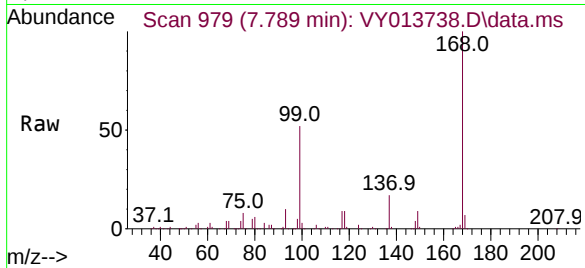




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013738.D
Acq: 15 May 2023 15:40

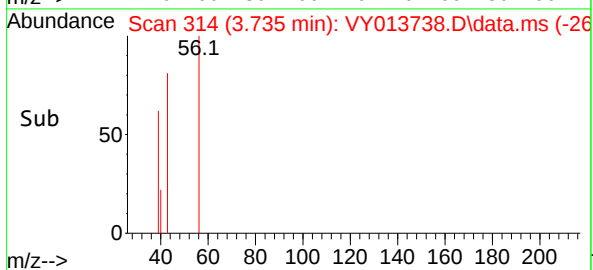
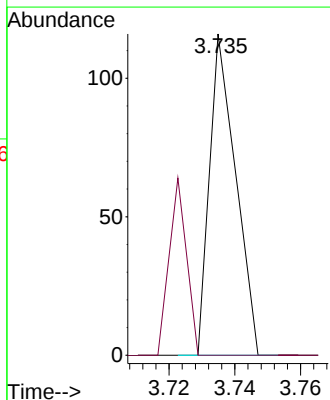
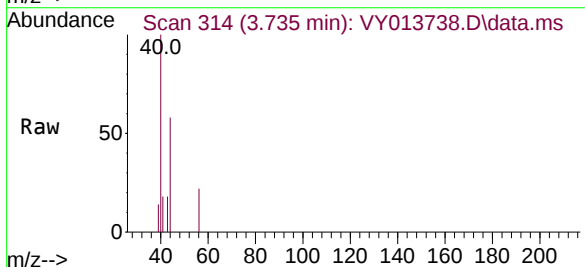
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-64.5-051023

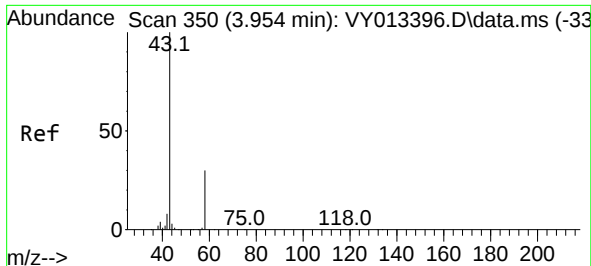
Tgt Ion:168 Resp: 175563
Ion Ratio Lower Upper
168 100
99 52.2 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY013738.D
Acq: 15 May 2023 15:40

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 35.9 54.1 81.1#





#16

Acetone

Concen: 5.305 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.012 min

Lab File: VY013738.D

Acq: 15 May 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

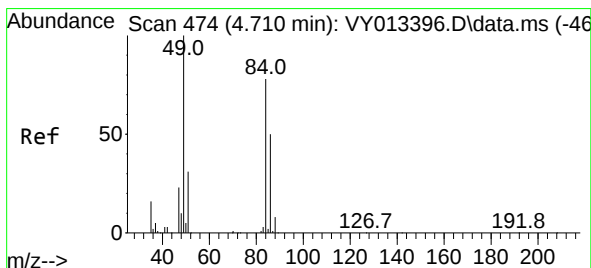
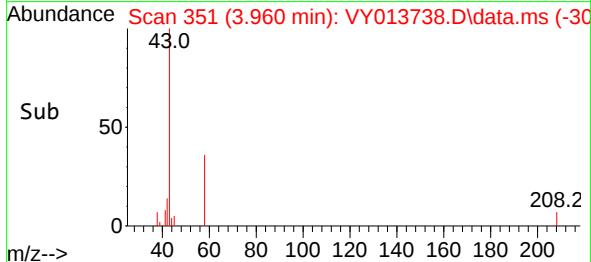
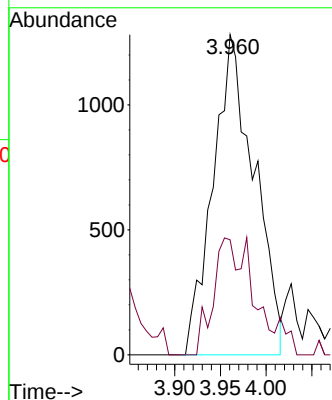
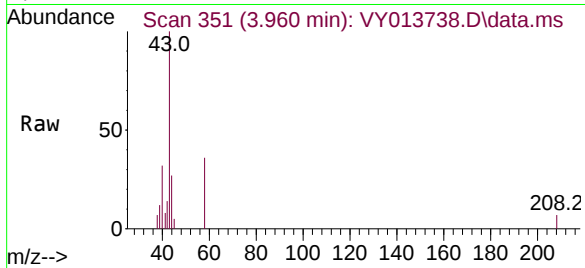
CB-14-G1-64.5-051023

Tgt Ion: 43 Resp: 4021

Ion Ratio Lower Upper

43 100

58 35.9 25.4 38.0



#20

Methylene Chloride

Concen: 6.732 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013738.D

Acq: 15 May 2023 15:40

Tgt Ion: 84 Resp: 32605

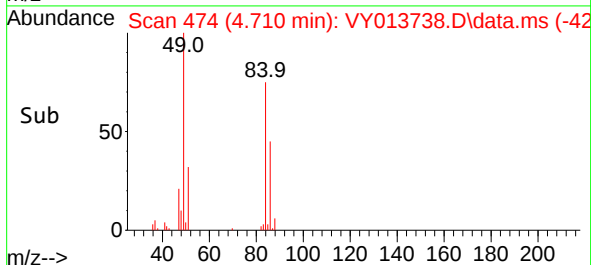
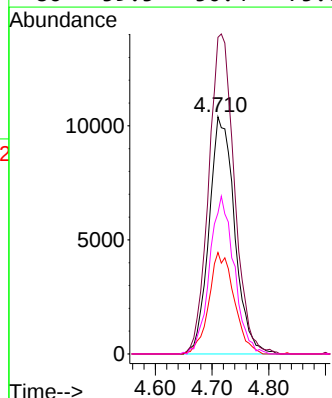
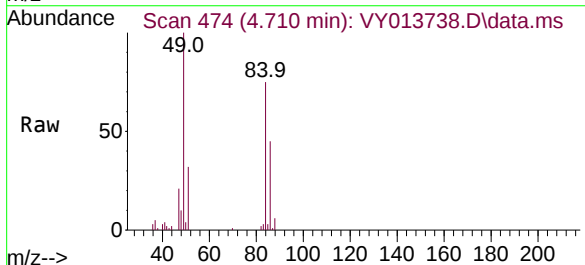
Ion Ratio Lower Upper

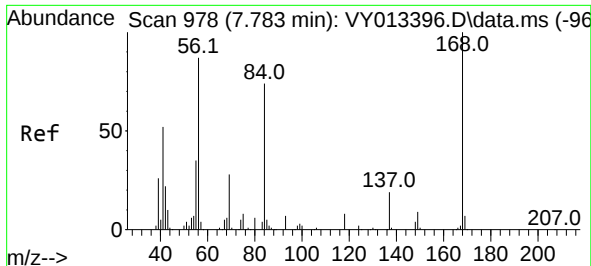
84 100

49 133.5 88.0 132.0#

51 42.8 27.4 41.0#

86 59.5 50.4 75.6

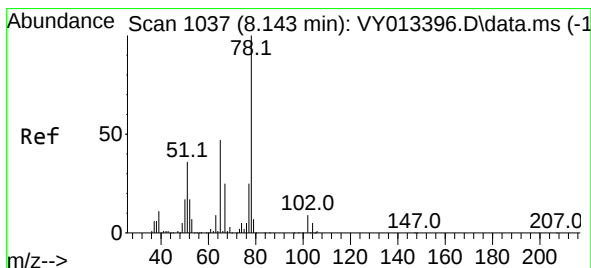
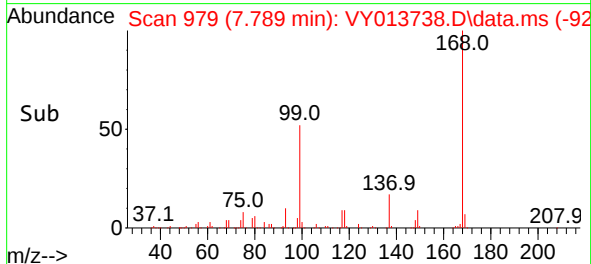
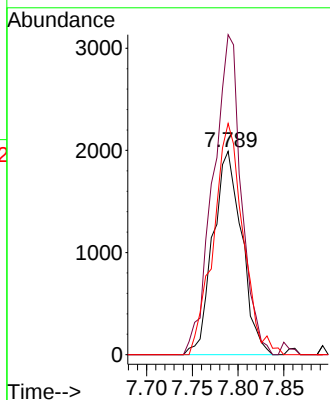
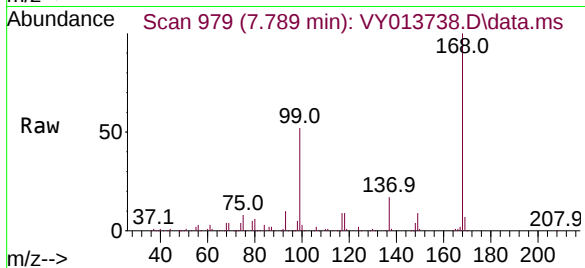




#31
Cyclohexane
Concen: 1.269 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013738.D
Acq: 15 May 2023 15:40

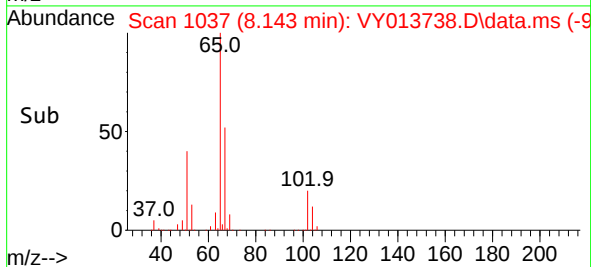
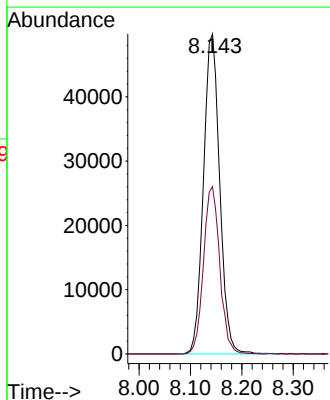
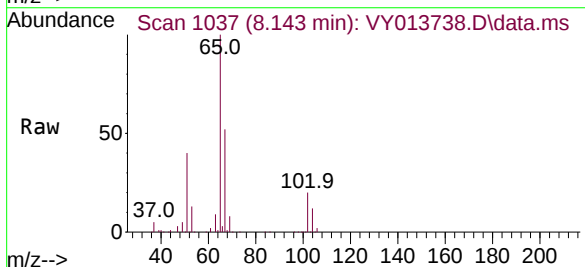
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-64.5-051023

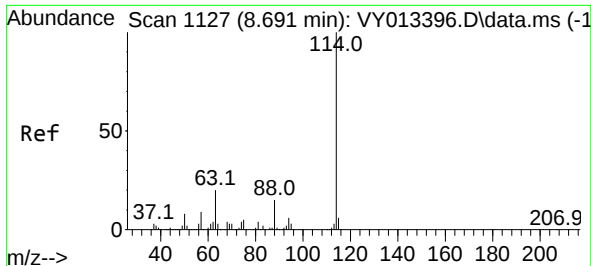
Tgt Ion: 56 Resp: 4371
Ion Ratio Lower Upper
56 100
69 157.4 29.2 43.8#
84 113.7 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 56.854 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013738.D
Acq: 15 May 2023 15:40

Tgt Ion: 65 Resp: 109419
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4

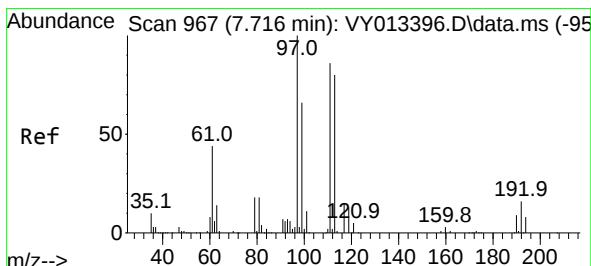
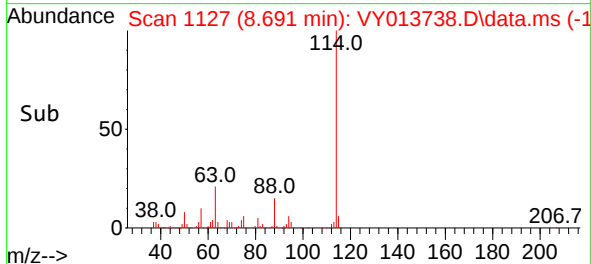
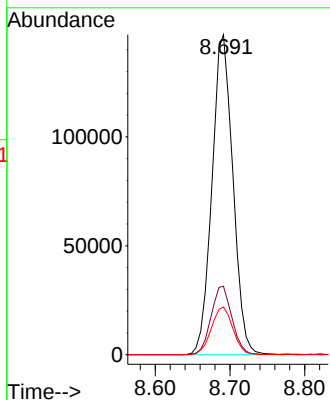
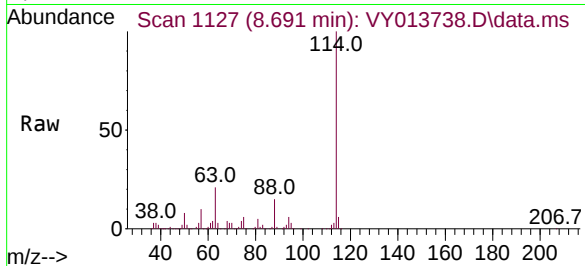




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013738.D
Acq: 15 May 2023 15:40

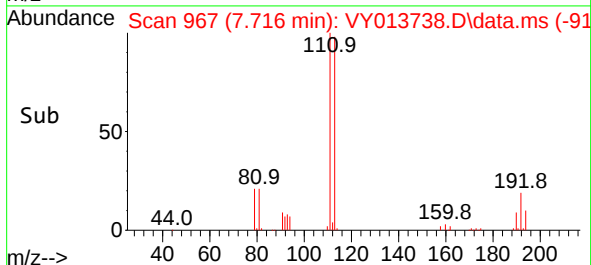
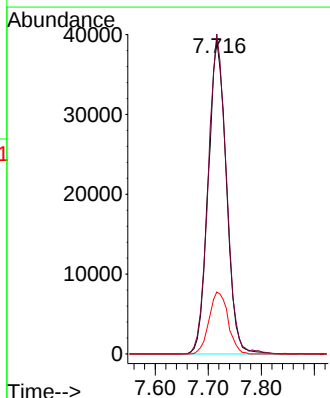
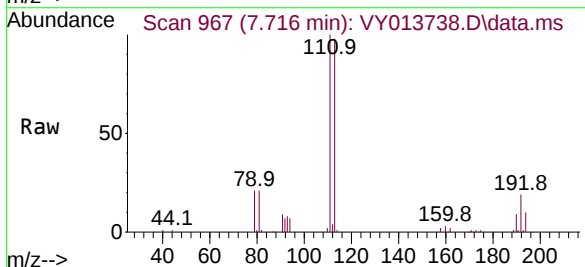
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-64.5-051023

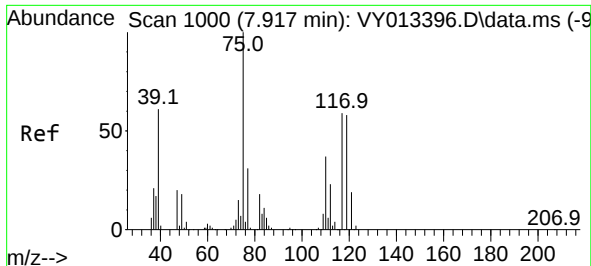
Tgt Ion:	114	Resp:	285525
Ion Ratio	Lower	Upper	
114	100		
63	21.4	0.0	36.6
88	14.9	0.0	28.8



#35
Dibromofluoromethane
Concen: 52.050 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013738.D
Acq: 15 May 2023 15:40

Tgt Ion:	113	Resp:	93472
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.2	123.2
192	20.6	16.7	25.1





#36

1,1-Dichloropropene

Concen: 4.728 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013738.D

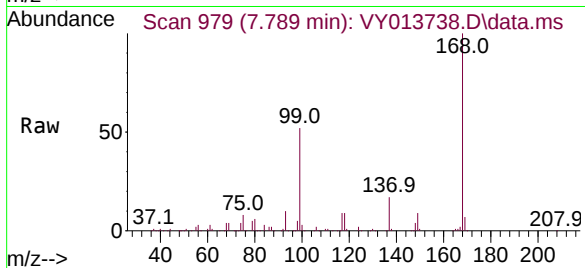
Acq: 15 May 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-64.5-051023



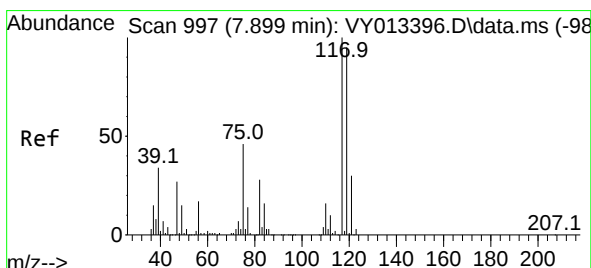
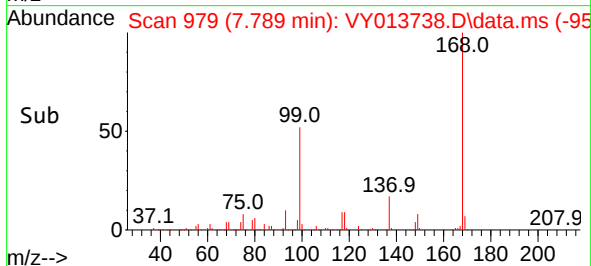
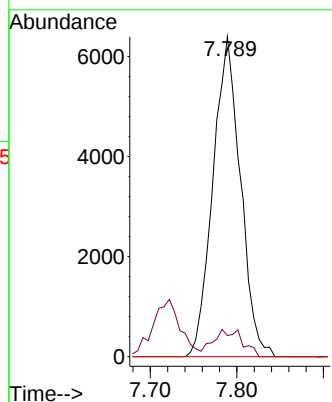
Tgt Ion: 75 Resp: 14091

Ion Ratio Lower Upper

75 100

110 8.9 18.7 56.1#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.549 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013738.D

Acq: 15 May 2023 15:40

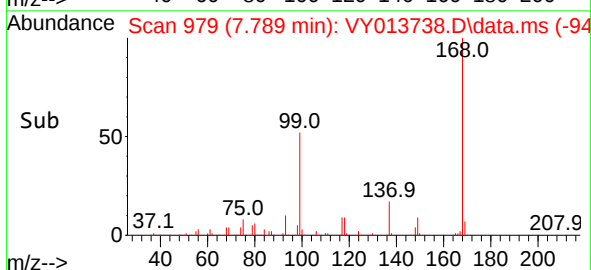
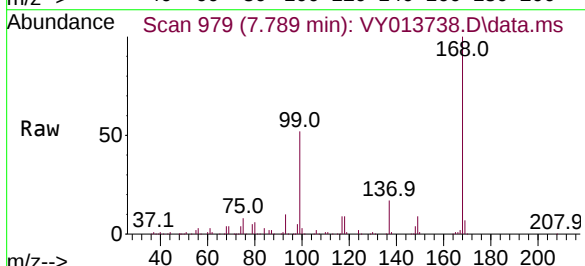
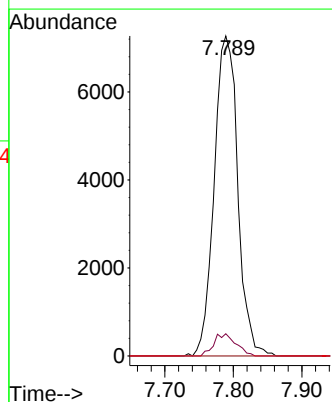
Tgt Ion: 117 Resp: 17335

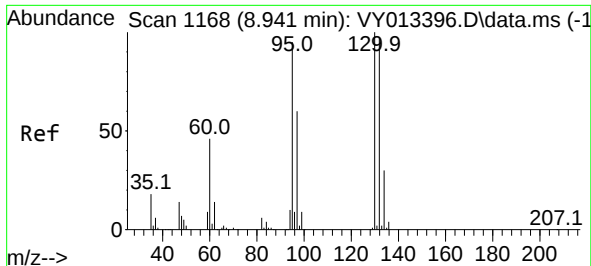
Ion Ratio Lower Upper

117 100

119 7.0 79.0 118.6#

121 0.0 26.6 40.0#

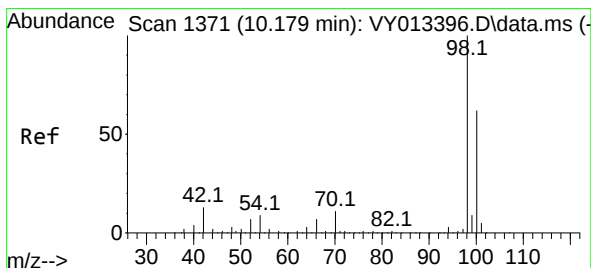
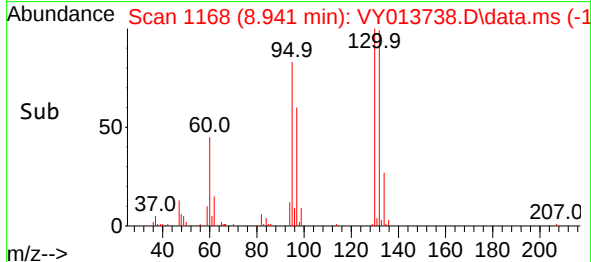
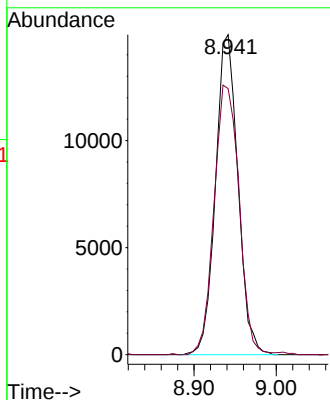
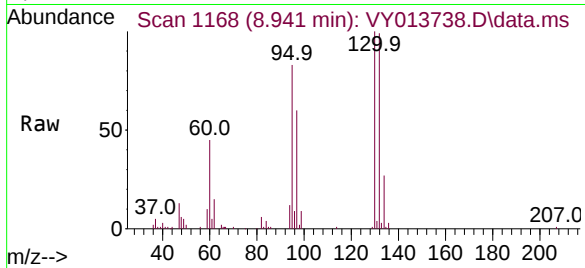




#44
Trichloroethene
Concen: 12.662 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013738.D
Acq: 15 May 2023 15:40

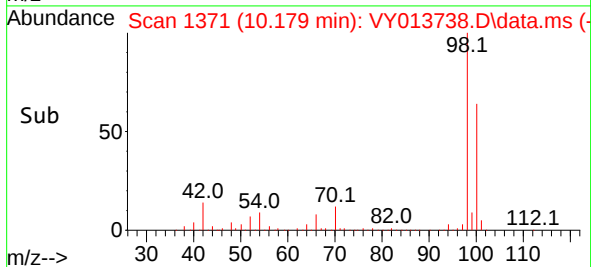
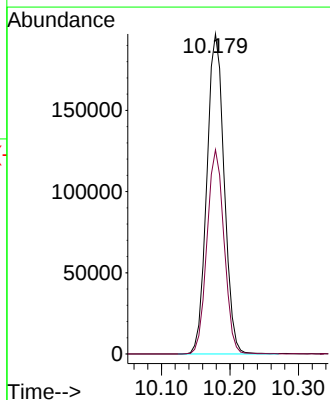
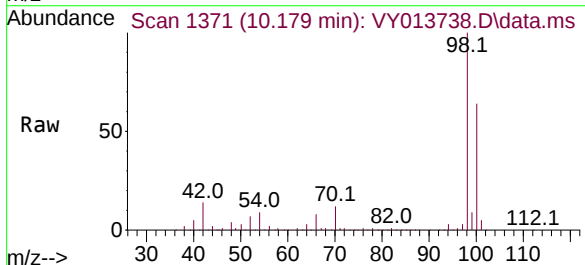
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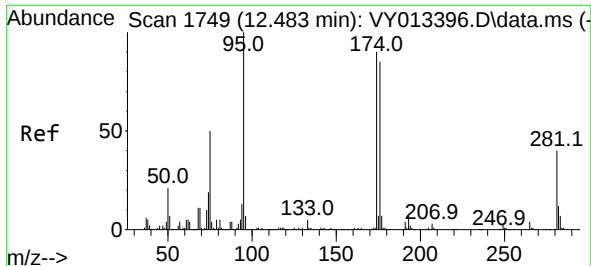
Tgt Ion:130 Resp: 28277
Ion Ratio Lower Upper
130 100
95 83.1 0.0 188.8



#50
Toluene-d8
Concen: 54.153 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013738.D
Acq: 15 May 2023 15:40

Tgt Ion: 98 Resp: 345952
Ion Ratio Lower Upper
98 100
100 63.0 50.5 75.7

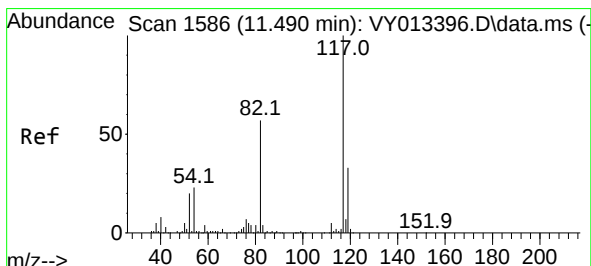
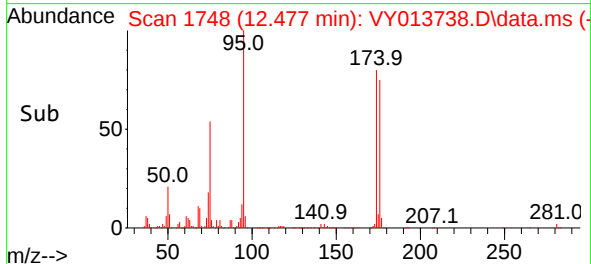
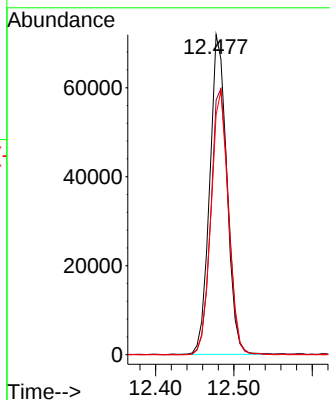
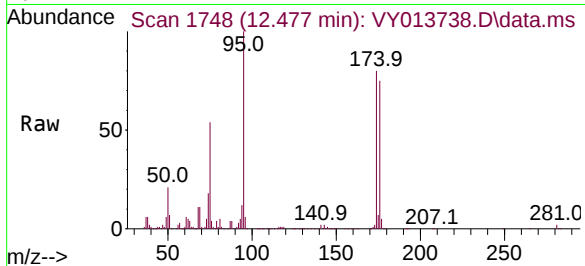




#62
4-Bromofluorobenzene
Concen: 50.534 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013738.D
Acq: 15 May 2023 15:40

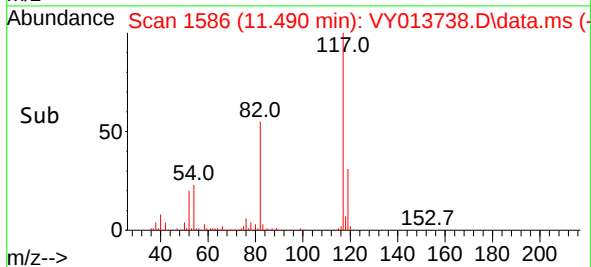
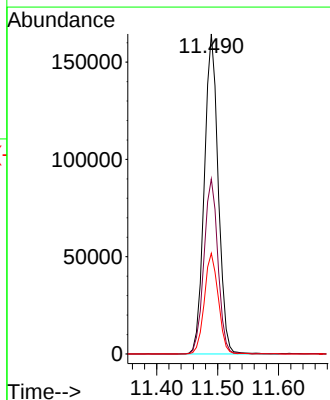
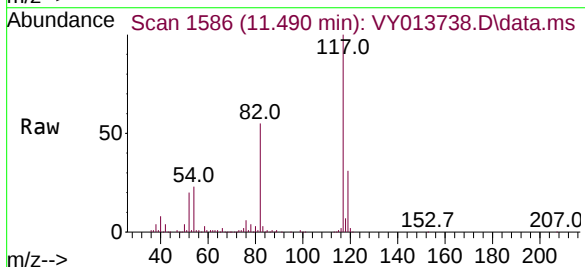
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-64.5-051023

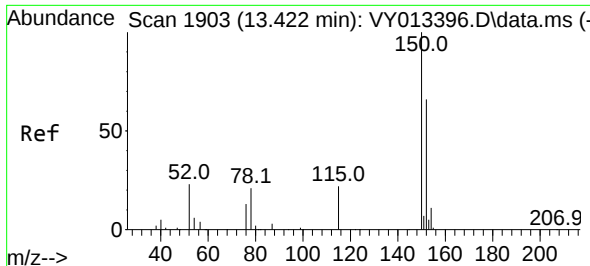
Tgt Ion: 95 Resp: 108835
Ion Ratio Lower Upper
95 100
174 86.5 0.0 182.0
176 84.2 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013738.D
Acq: 15 May 2023 15:40

Tgt Ion: 117 Resp: 261539
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.6
119 31.4 25.5 38.3

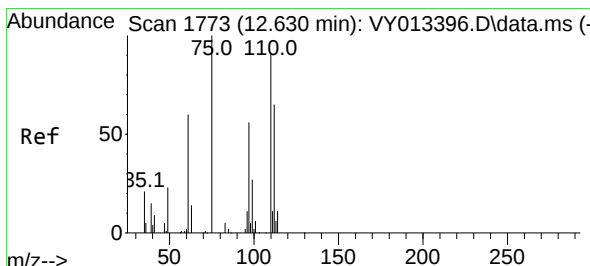
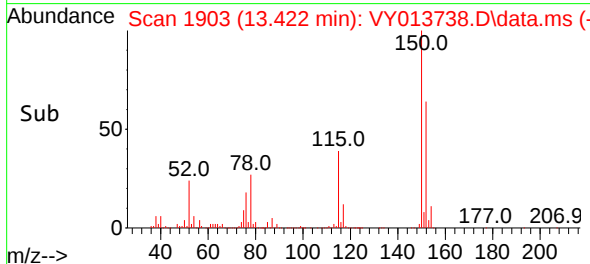
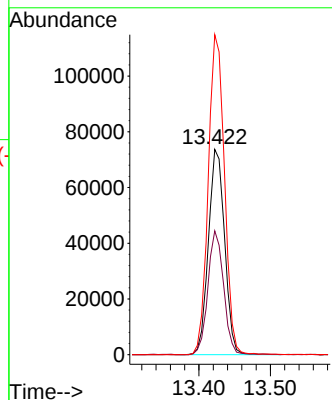
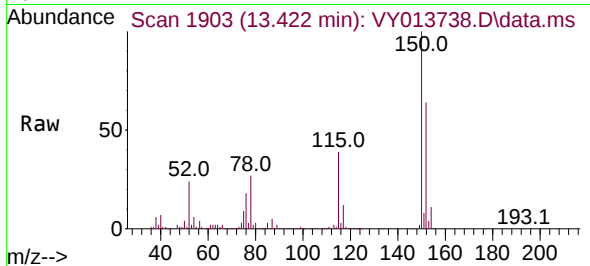




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013738.D
 Acq: 15 May 2023 15:40

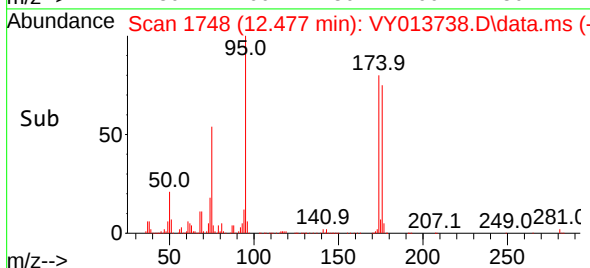
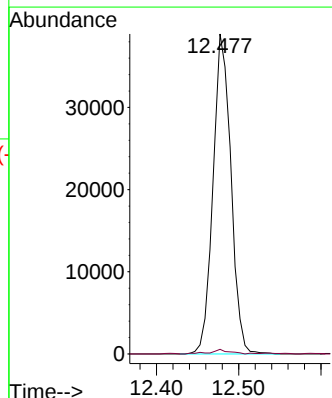
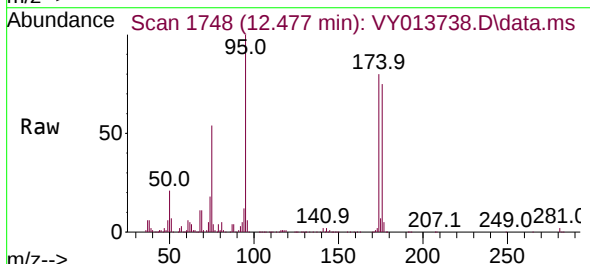
Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-64.5-051023

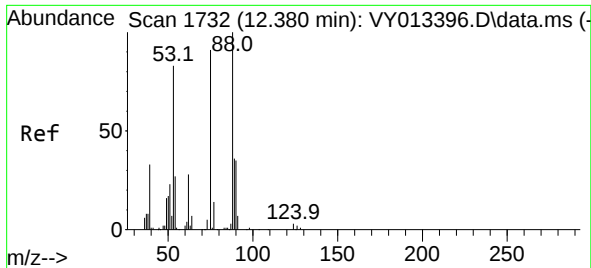
Tgt Ion:152 Resp: 116150
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.1 84.2
 150 155.9 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 37.602 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY013738.D
 Acq: 15 May 2023 15:40

Tgt Ion: 75 Resp: 58901
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.917 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013738.D
 Acq: 15 May 2023 15:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-64.5-051023

Tgt Ion: 75 Resp: 58901
 Ion Ratio Lower Upper
 75 100
 53 0.2 73.2 109.8#
 89 0.0 38.0 57.0#

