

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013775.D
 Acq On : 17 May 2023 14:52
 Operator : KP/MD
 Sample : VY0517SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBL01

Quant Time: May 18 07:02:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

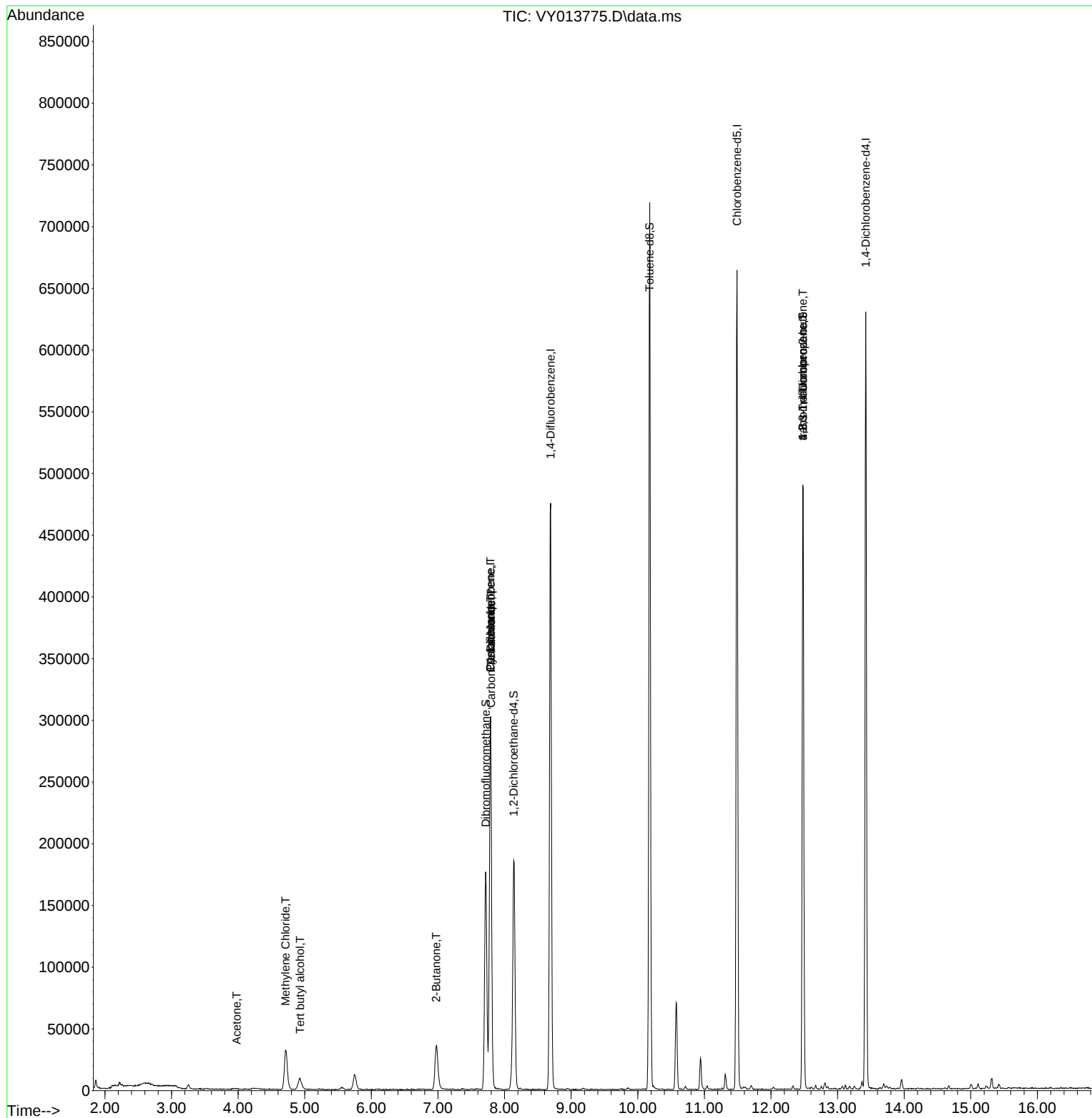
Internal Standards						
1) Pentafluorobenzene	7.789	168	227537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	386747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	343361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	141715	53.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.220%	
35) Dibromofluoromethane	7.716	113	121130	48.842	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.680%	
50) Toluene-d8	10.179	98	442002	47.010	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.020%	
62) 4-Bromofluorobenzene	12.477	95	139914	44.801	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	8780	41.004	ug/l #	74
16) Acetone	3.979	43	2109	2.645	ug/l #	87
20) Methylene Chloride	4.710	84	23155	3.983	ug/l #	88
25) 2-Butanone	6.972	43	1930	1.862	ug/l #	75
31) Cyclohexane	7.789	56	5539	1.462	ug/l #	6
36) 1,1-Dichloropropene	7.789	75	18709	5.460	ug/l #	51
38) Carbon Tetrachloride	7.795	117	23272	6.438	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	75613	40.713	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75613	90.643	ug/l #	12

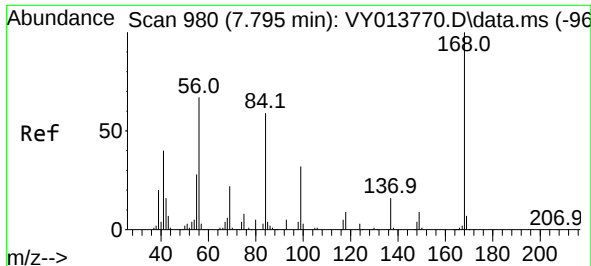
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
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ALS Vial : 12 Sample Multiplier: 1

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Quant Title : SW846 8260
QLast Update : Thu May 18 06:54:18 2023
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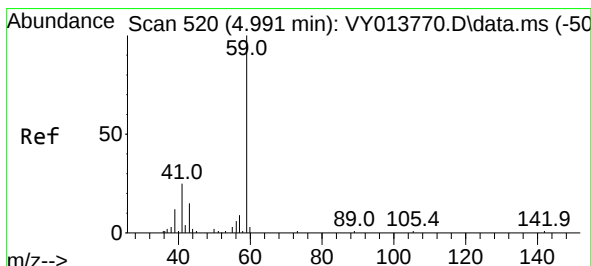
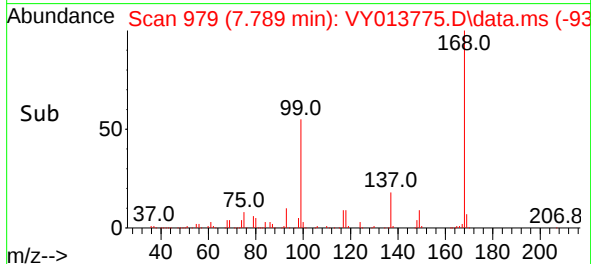
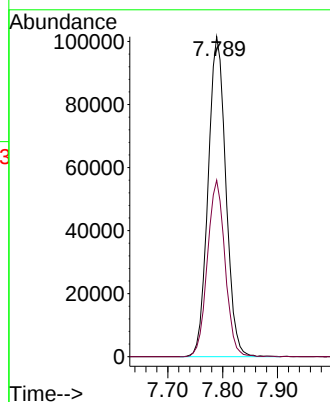
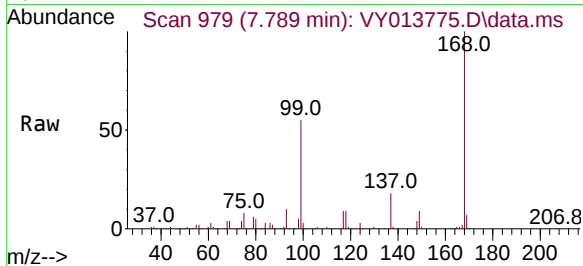




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013775.D
Acq: 17 May 2023 14:52

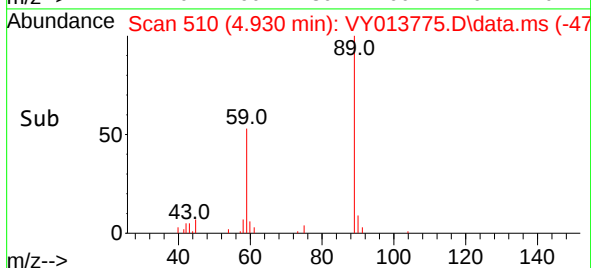
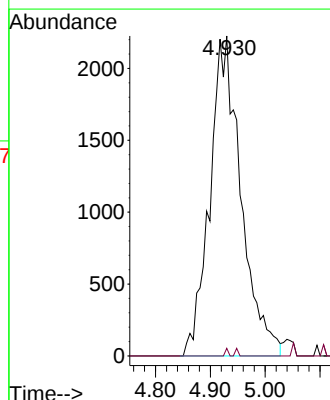
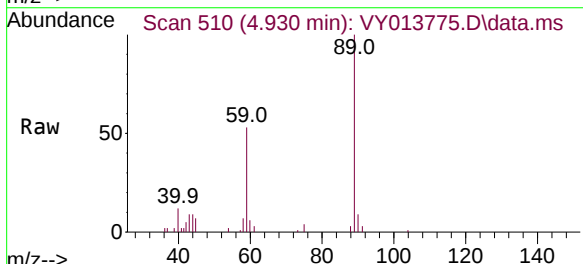
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

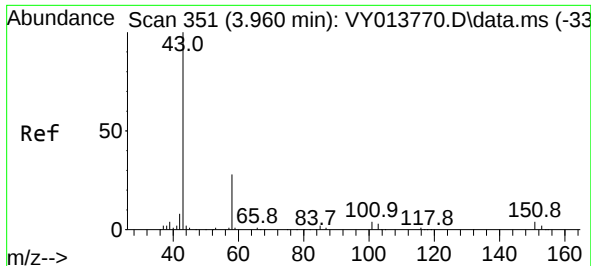
Tgt Ion:168 Resp: 227537
Ion Ratio Lower Upper
168 100
99 55.2 44.0 66.0



#11
Tert butyl alcohol
Concen: 41.004 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.061 min
Lab File: VY013775.D
Acq: 17 May 2023 14:52

Tgt Ion: 59 Resp: 8780
Ion Ratio Lower Upper
59 100
57 0.2 8.0 12.0#

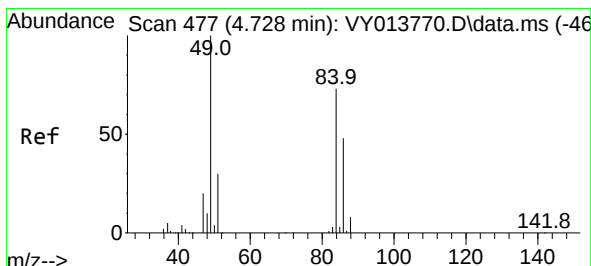
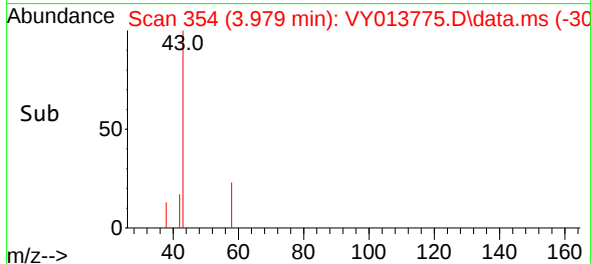
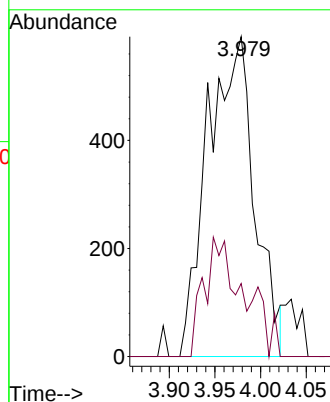
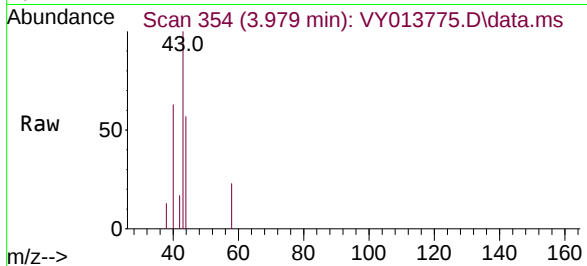




#16
Acetone
Concen: 2.645 ug/l
RT: 3.979 min Scan# 311
Delta R.T. 0.018 min
Lab File: VY013775.D
Acq: 17 May 2023 14:52

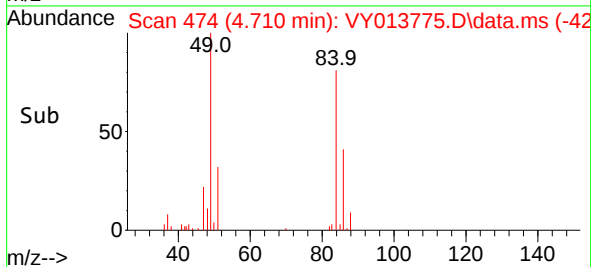
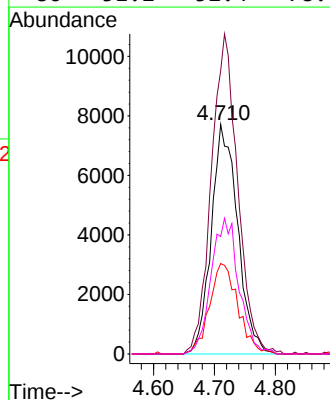
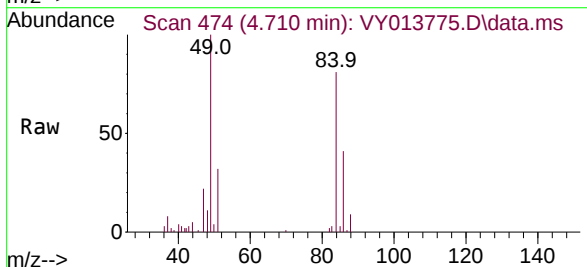
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

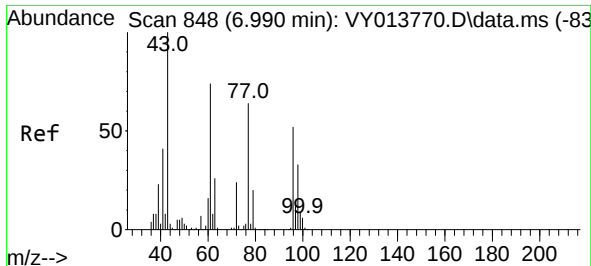
Tgt Ion: 43 Resp: 2109
Ion Ratio Lower Upper
43 100
58 22.8 23.7 35.5#



#20
Methylene Chloride
Concen: 3.983 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY013775.D
Acq: 17 May 2023 14:52

Tgt Ion: 84 Resp: 23155
Ion Ratio Lower Upper
84 100
49 123.4 109.4 164.0
51 39.4 32.8 49.2
86 51.2 52.4 78.6#

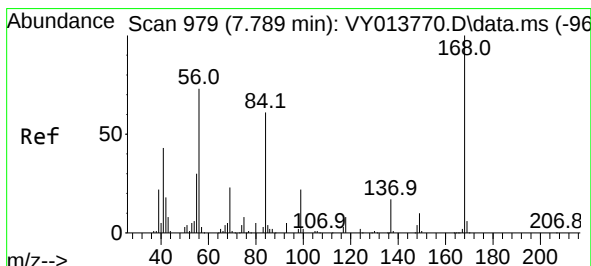
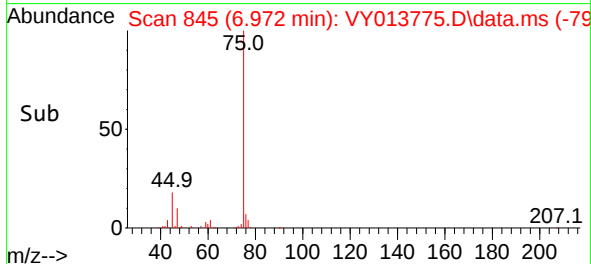
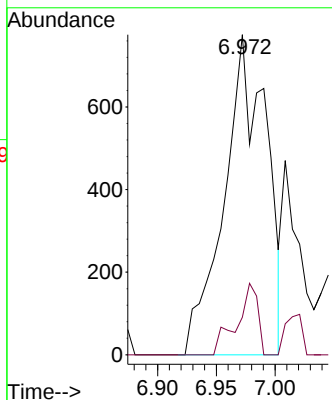
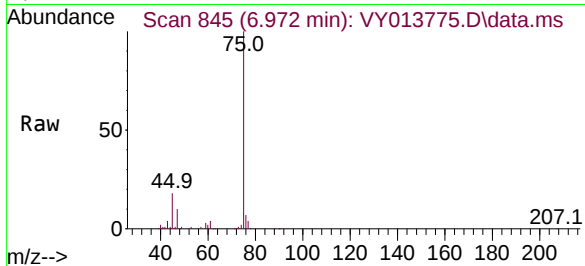




#25
2-Butanone
Concen: 1.862 ug/l
RT: 6.972 min Scan# 848
Delta R.T. -0.018 min
Lab File: VY013775.D
Acq: 17 May 2023 14:52

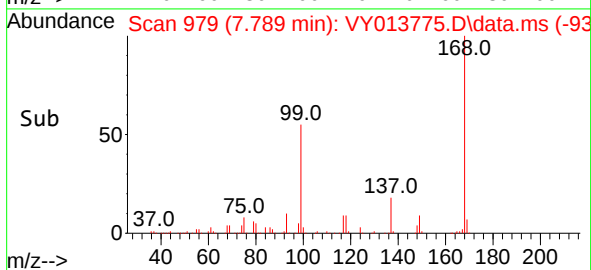
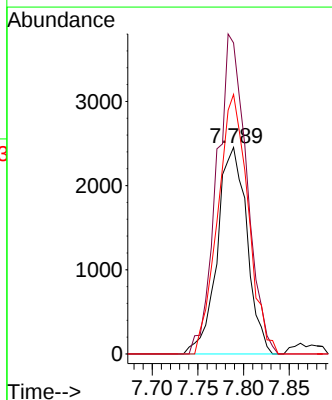
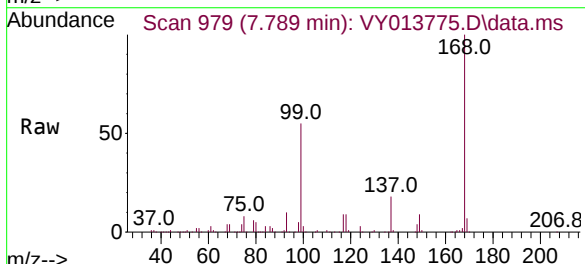
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

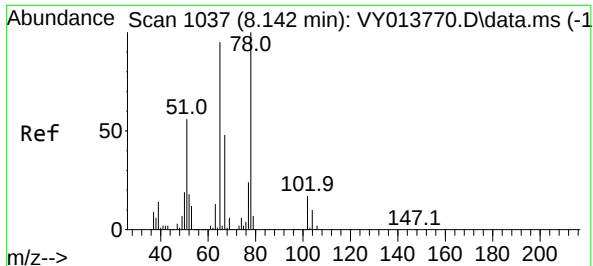
Tgt Ion: 43 Resp: 1930
Ion Ratio Lower Upper
43 100
72 11.7 19.0 28.6#



#31
Cyclohexane
Concen: 1.462 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY013775.D
Acq: 17 May 2023 14:52

Tgt Ion: 56 Resp: 5539
Ion Ratio Lower Upper
56 100
69 150.6 25.8 38.6#
84 125.6 65.8 98.6#





#33

1,2-Dichloroethane-d4

Concen: 53.615 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY013775.D

Acq: 17 May 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

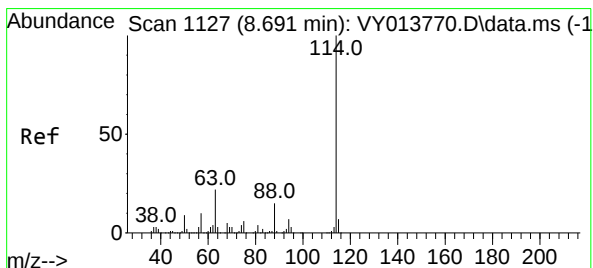
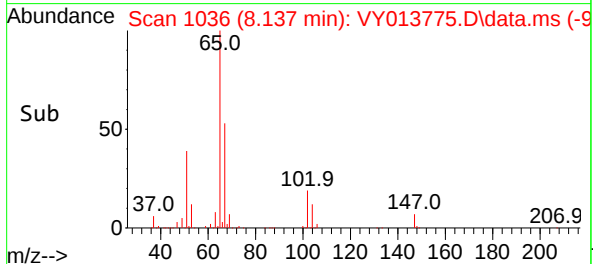
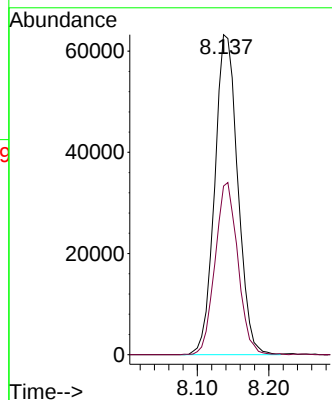
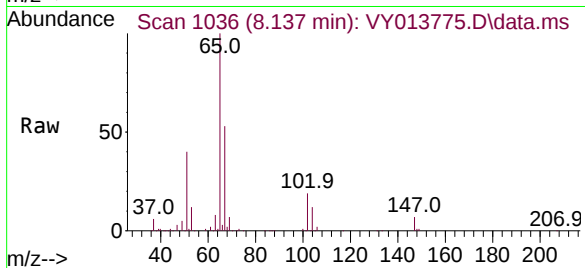
VY0517SBL01

Tgt Ion: 65 Resp: 141715

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013775.D

Acq: 17 May 2023 14:52

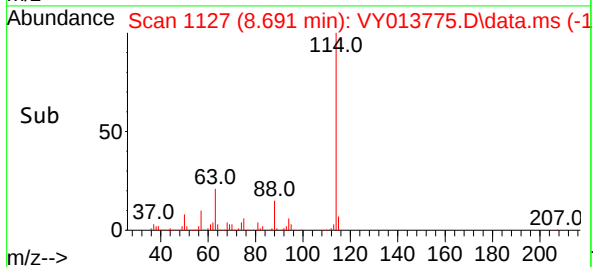
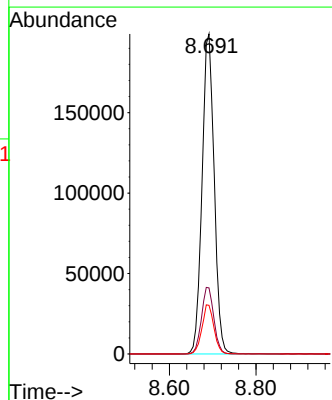
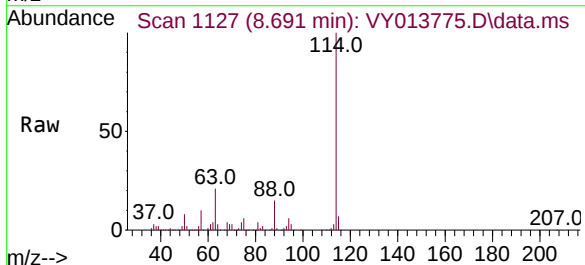
Tgt Ion:114 Resp: 386747

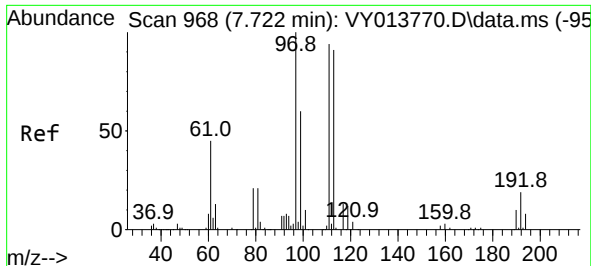
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.8

88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.842 ug/l

RT: 7.716 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY013775.D

Acq: 17 May 2023 14:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0517SBL01

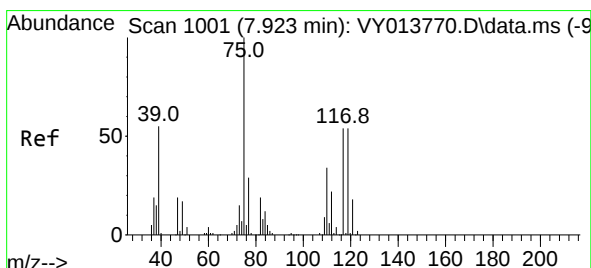
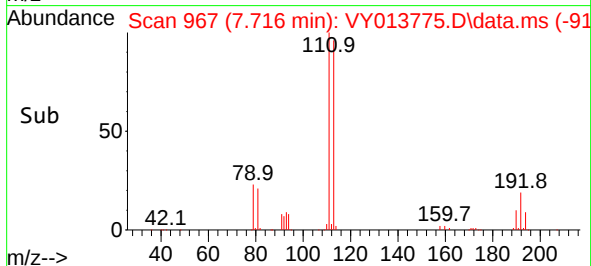
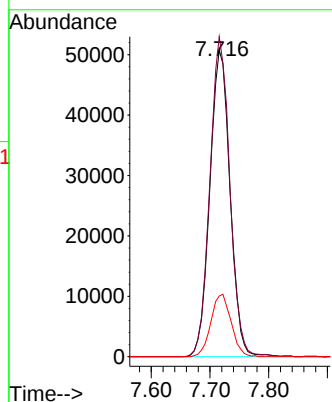
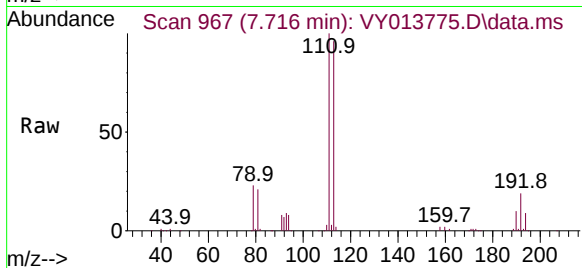
Tgt Ion:113 Resp: 121130

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

192 20.4 16.0 24.0



#36

1,1-Dichloropropene

Concen: 5.460 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY013775.D

Acq: 17 May 2023 14:52

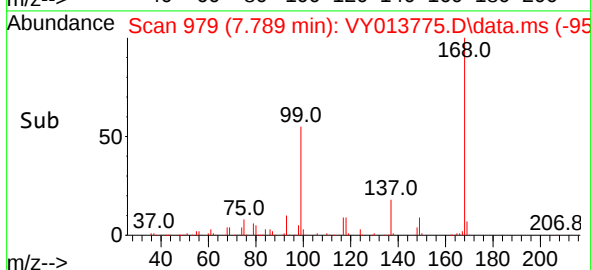
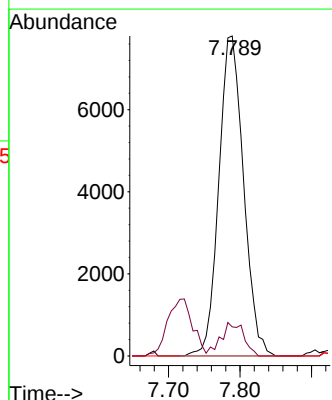
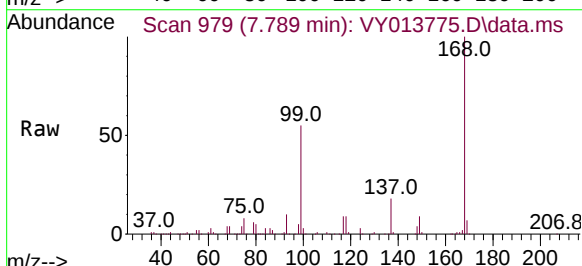
Tgt Ion: 75 Resp: 18709

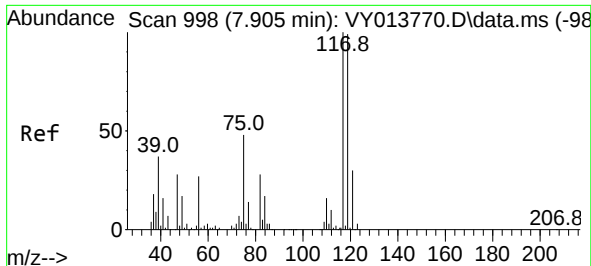
Ion Ratio Lower Upper

75 100

110 9.6 17.3 51.7#

77 0.0 24.6 36.8#

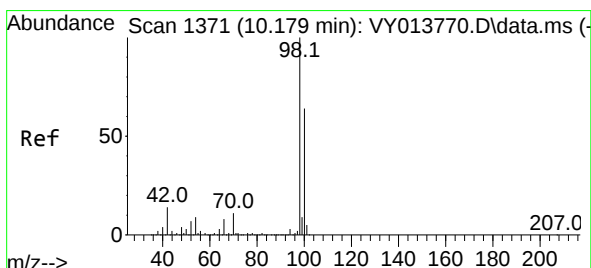
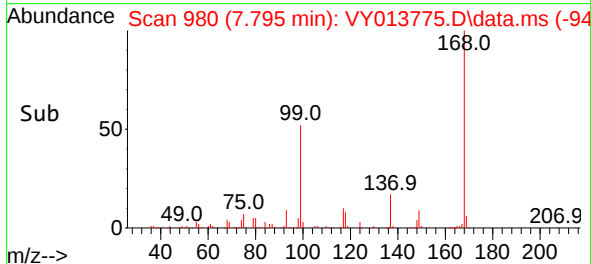
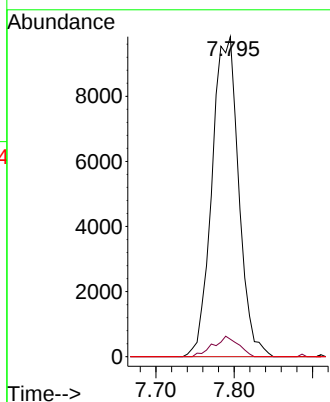
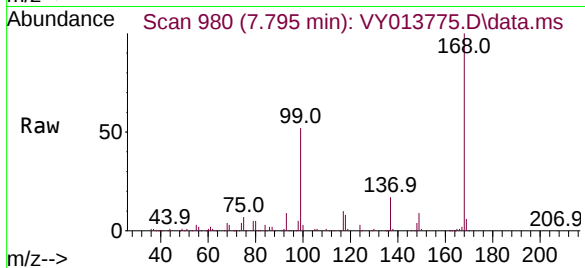




#38
Carbon Tetrachloride
Concen: 6.438 ug/l
RT: 7.795 min Scan# 998
Delta R.T. -0.110 min
Lab File: VY013775.D
Acq: 17 May 2023 14:52

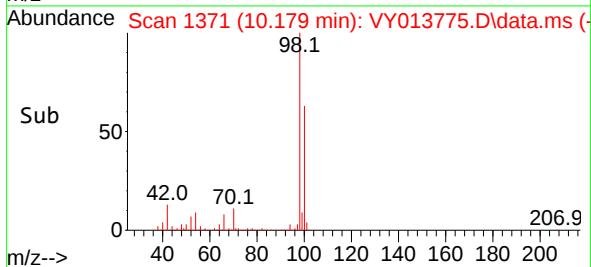
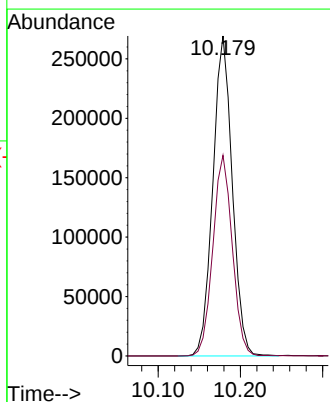
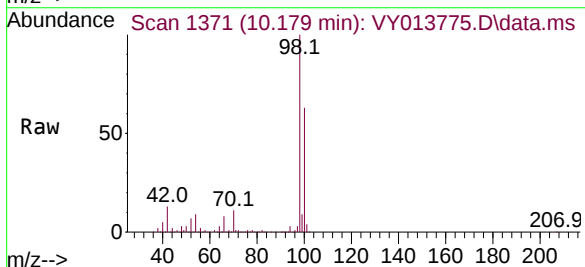
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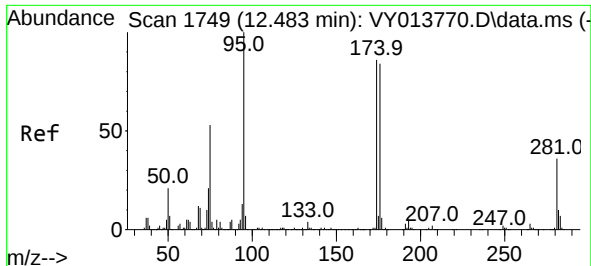
Tgt Ion:117 Resp: 23272
Ion Ratio Lower Upper
117 100
119 5.4 79.0 118.6#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 47.010 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013775.D
Acq: 17 May 2023 14:52

Tgt Ion: 98 Resp: 442002
Ion Ratio Lower Upper
98 100
100 62.7 51.0 76.6

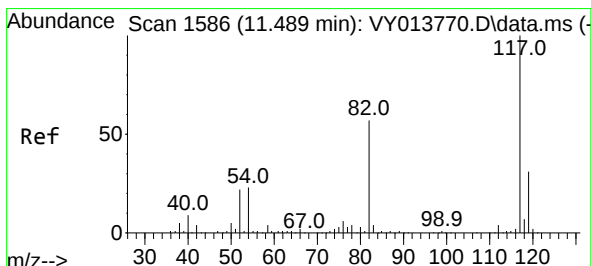
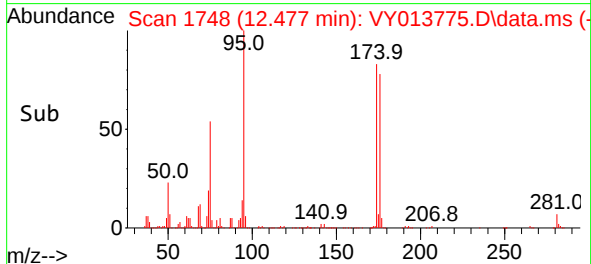
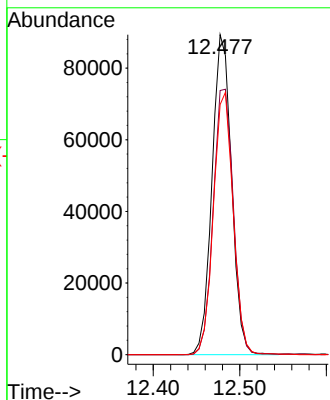
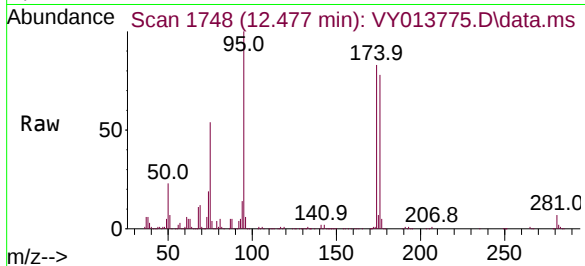




#62
4-Bromofluorobenzene
Concen: 44.801 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013775.D
Acq: 17 May 2023 14:52

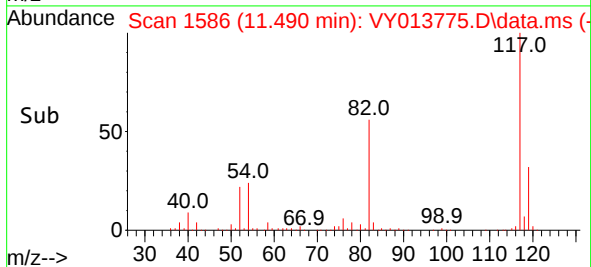
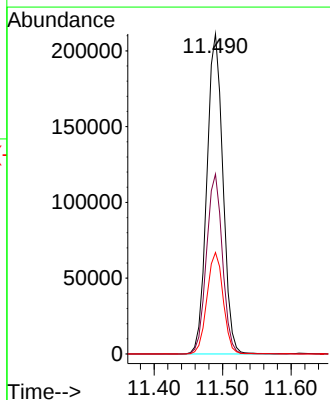
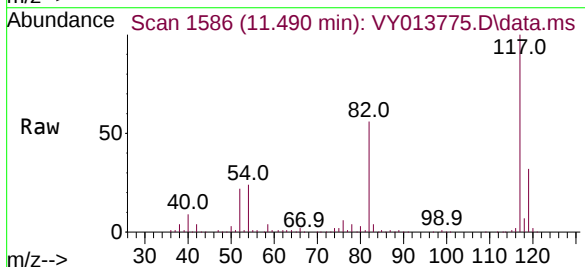
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

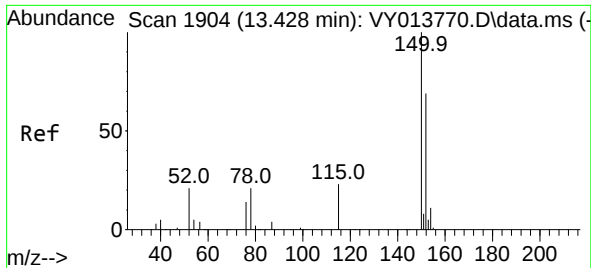
Tgt Ion: 95 Resp: 139914
Ion Ratio Lower Upper
95 100
174 85.6 0.0 168.8
176 82.9 0.0 165.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013775.D
Acq: 17 May 2023 14:52

Tgt Ion: 117 Resp: 343361
Ion Ratio Lower Upper
117 100
82 56.2 45.5 68.3
119 31.7 24.8 37.2

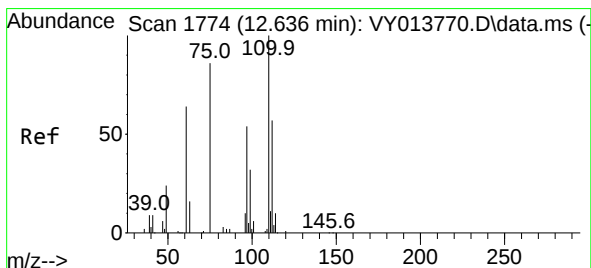
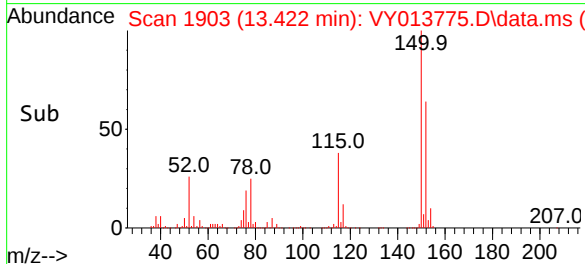
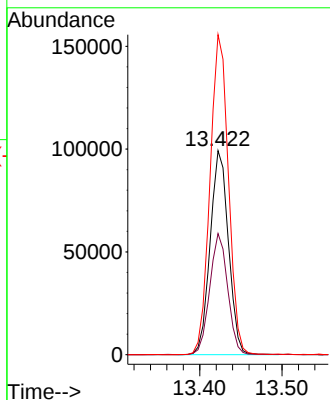
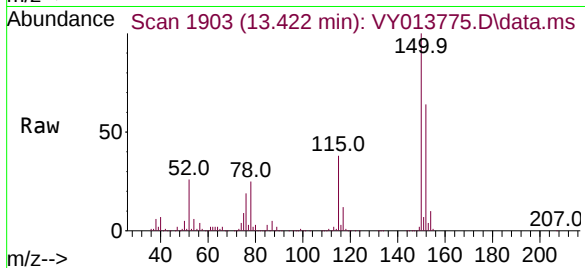




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY013775.D
 Acq: 17 May 2023 14:52

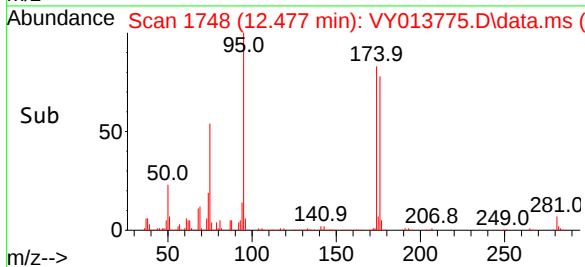
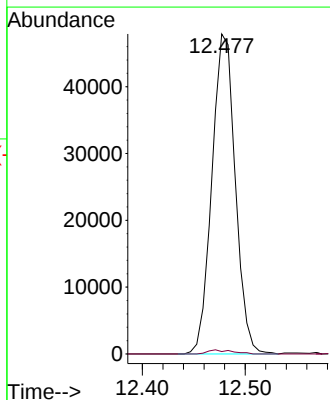
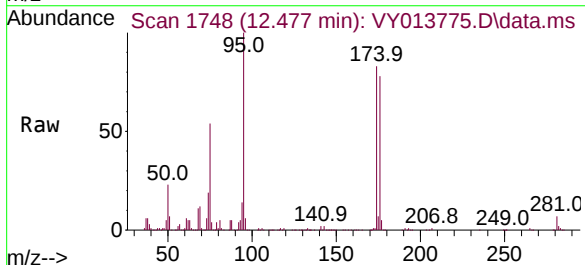
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBL01

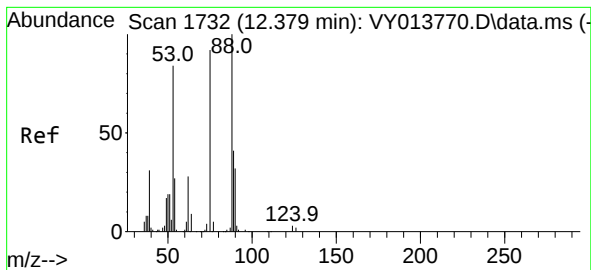
Tgt Ion:152 Resp: 153455
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.5 85.5
 150 157.7 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 40.713 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY013775.D
 Acq: 17 May 2023 14:52

Tgt Ion: 75 Resp: 75613
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.643 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013775.D
 Acq: 17 May 2023 14:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBL01

Tgt Ion: 75 Resp: 75613
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.3 112.9#
 89 0.1 35.4 53.2#

