

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013783.D
 Acq On : 17 May 2023 18:00
 Operator : KP/MD
 Sample : 02812-05
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WG-0516-B3-0-2

Quant Time: May 18 07:17:05 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)

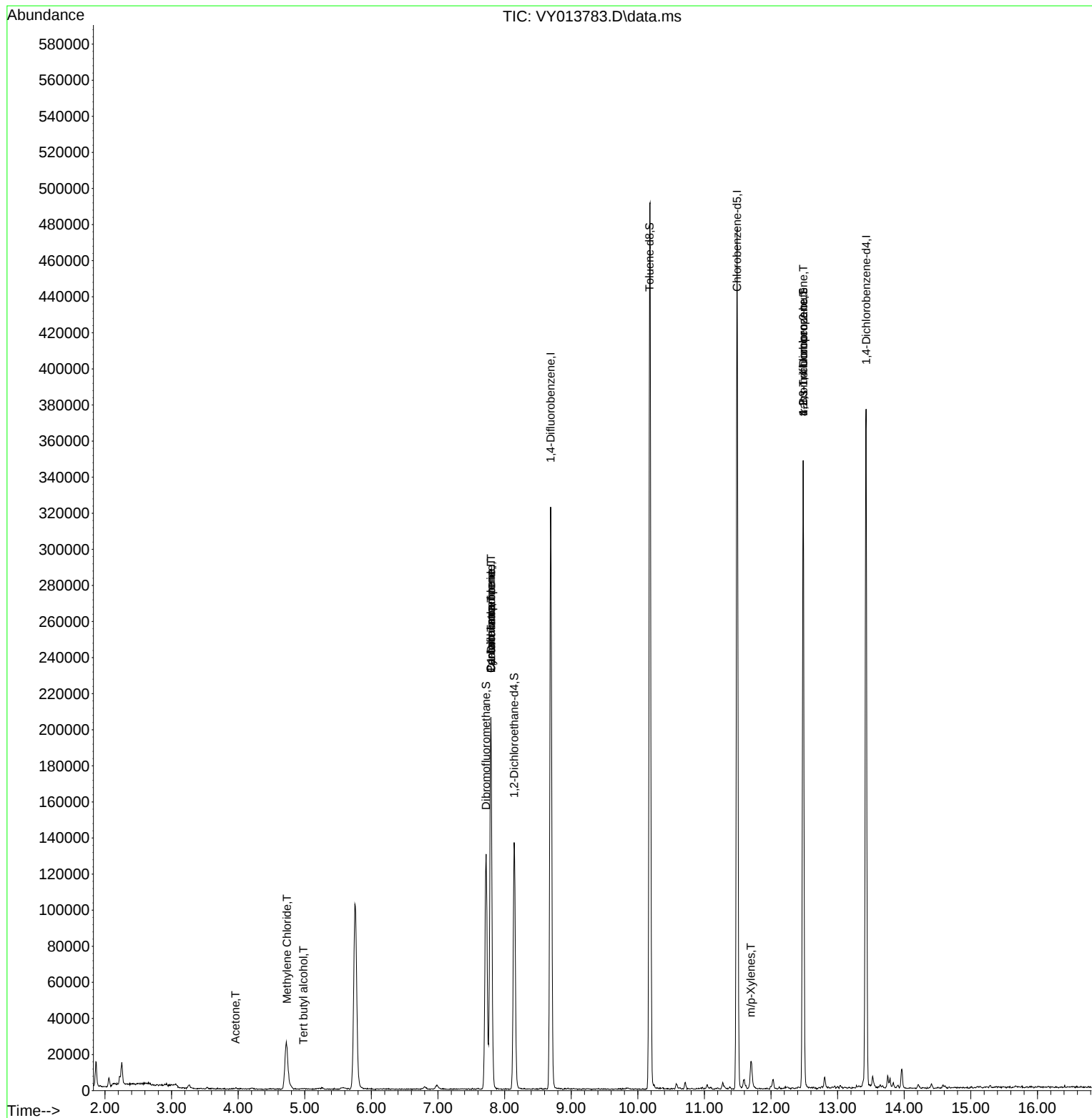
Internal Standards						
1) Pentafluorobenzene	7.795	168	155413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	263411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	106812	59.163	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.320%	
35) Dibromofluoromethane	7.722	113	90189	53.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.780%	
50) Toluene-d8	10.179	98	323045	50.446	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.900%	
62) 4-Bromofluorobenzene	12.483	95	96160	45.208	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	582	3.979	ug/l #	73
16) Acetone	3.960	43	932	1.711	ug/l	97
20) Methylene Chloride	4.735	84	18397	5.775	ug/l #	82
31) Cyclohexane	7.795	56	4274	1.651	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12339	5.287	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15588	6.331	ug/l #	15
68) m/p-Xylenes	11.697	106	4320	1.416	ug/l	87
76) 1,2,3-Trichloropropane	12.483	75	51984	44.229	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51984	98.470	ug/l #	12

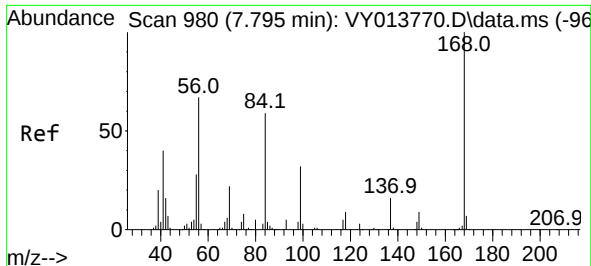
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
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WG-0516-B3-0-2

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Quant Title : SW846 8260
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Response via : Initial Calibration

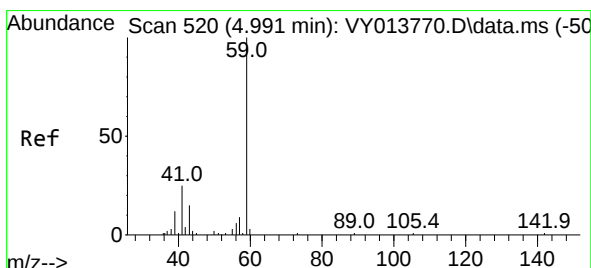
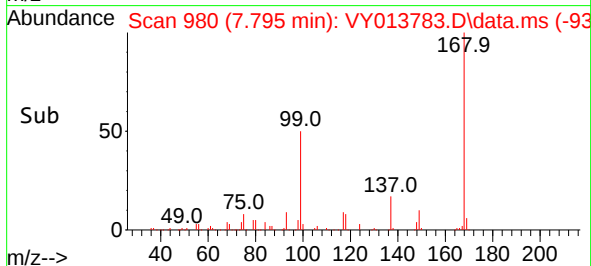
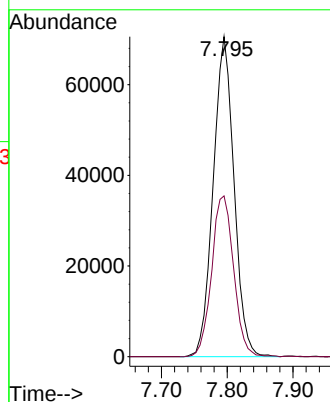
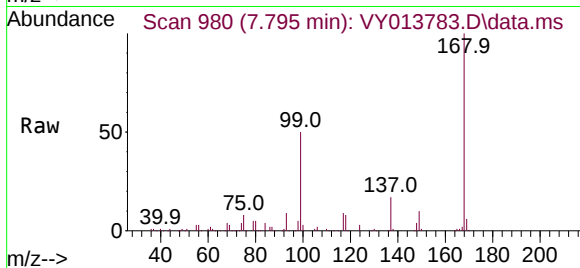




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013783.D
Acq: 17 May 2023 18:00

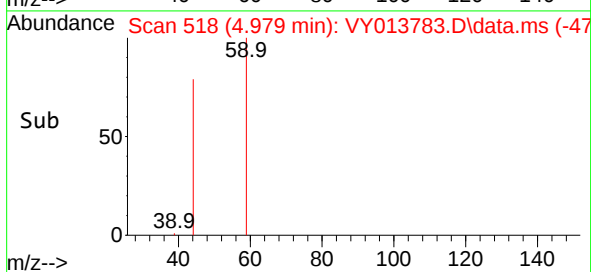
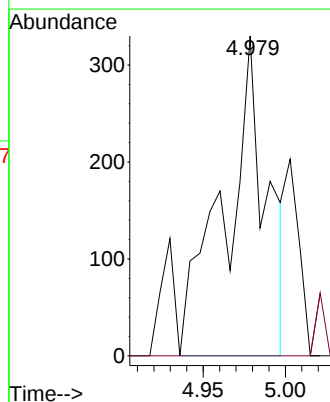
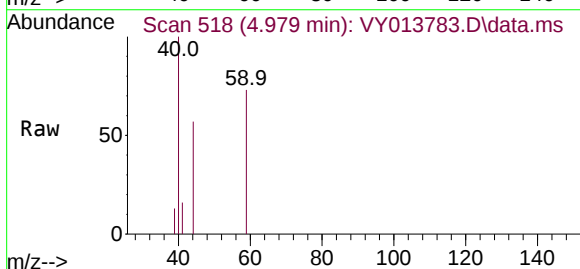
Instrument :
MSVOA_Y
ClientSampleId :
WG-0516-B3-0-2

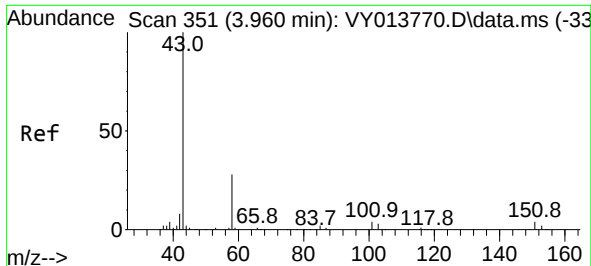
Tgt Ion:168 Resp: 155413
Ion Ratio Lower Upper
168 100
99 50.3 44.0 66.0



#11
Tert butyl alcohol
Concen: 3.979 ug/l
RT: 4.979 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY013783.D
Acq: 17 May 2023 18:00

Tgt Ion: 59 Resp: 582
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

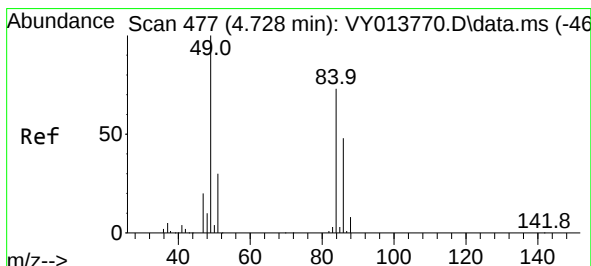
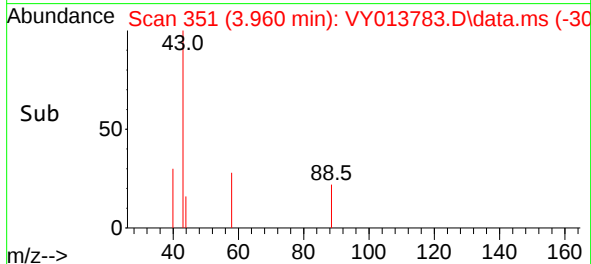
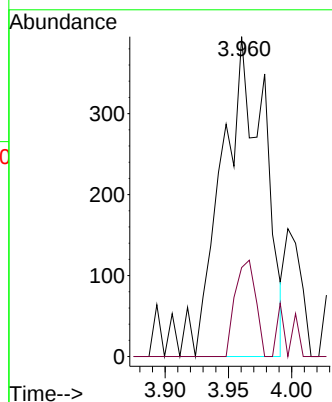
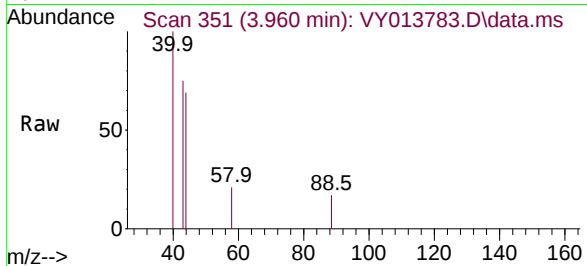




#16
Acetone
Concen: 1.711 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY013783.D
Acq: 17 May 2023 18:00

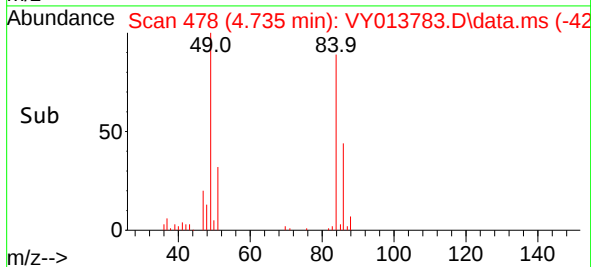
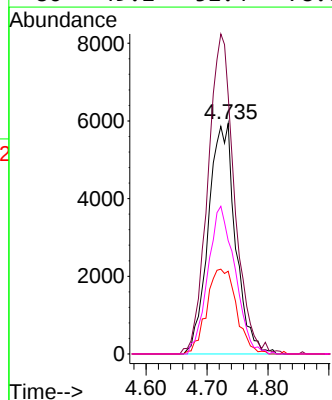
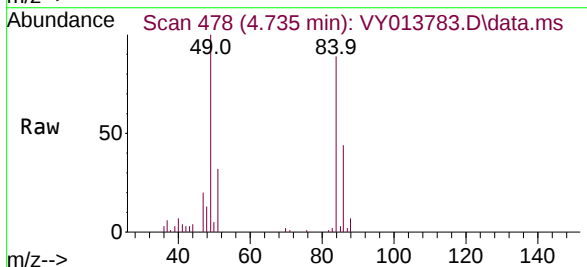
Instrument :
MSVOA_Y
ClientSampleId :
WG-0516-B3-0-2

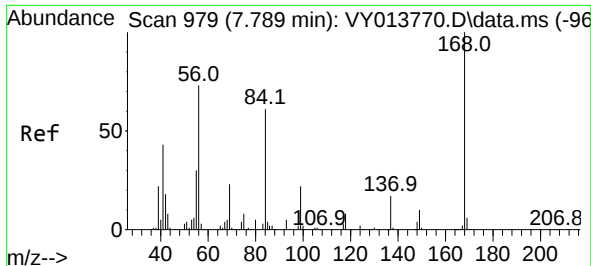
Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 27.8 23.7 35.5



#20
Methylene Chloride
Concen: 5.775 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.007 min
Lab File: VY013783.D
Acq: 17 May 2023 18:00

Tgt Ion: 84 Resp: 18397
Ion Ratio Lower Upper
84 100
49 112.2 109.4 164.0
51 35.9 32.8 49.2
86 49.2 52.4 78.6#

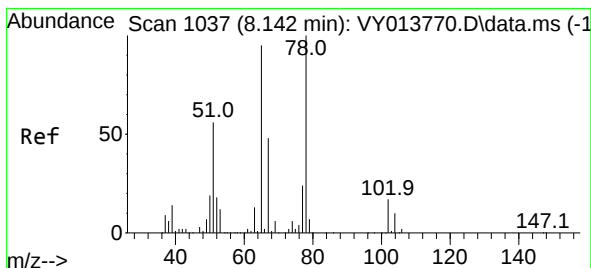
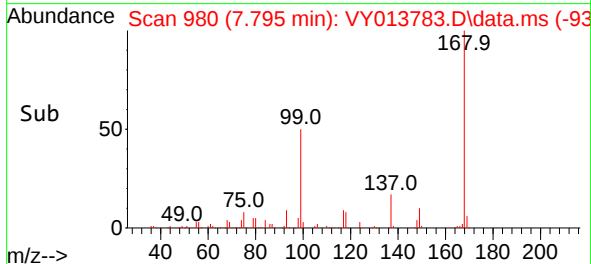
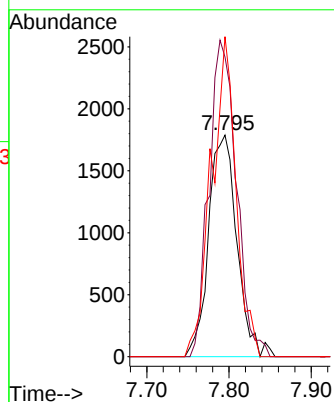
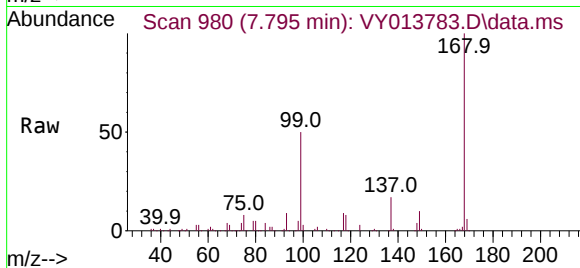




#31
Cyclohexane
Concen: 1.651 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013783.D
Acq: 17 May 2023 18:00

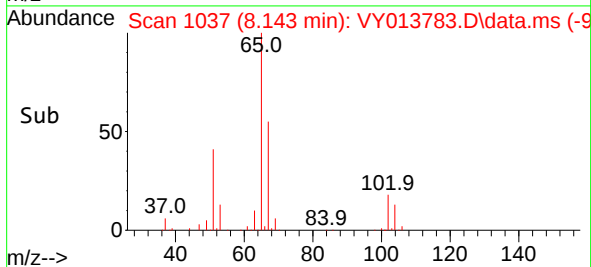
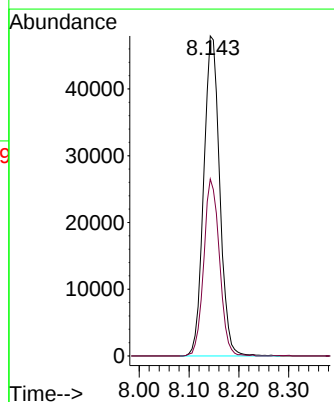
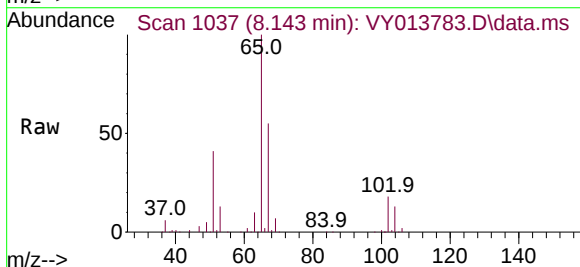
Instrument :
MSVOA_Y
ClientSampleId :
WG-0516-B3-0-2

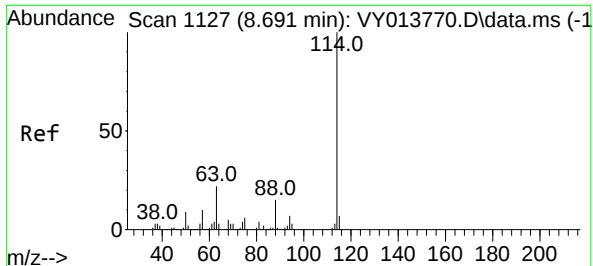
Tgt Ion: 56 Resp: 4274
Ion Ratio Lower Upper
56 100
69 135.2 25.8 38.6#
84 144.4 65.8 98.6#



#33
1,2-Dichloroethane-d4
Concen: 59.163 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY013783.D
Acq: 17 May 2023 18:00

Tgt Ion: 65 Resp: 106812
Ion Ratio Lower Upper
65 100
67 54.2 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: VY013783.D

Acq: 17 May 2023 18:00

Instrument :

MSVOA_Y

ClientSampleId :

WG-0516-B3-0-2

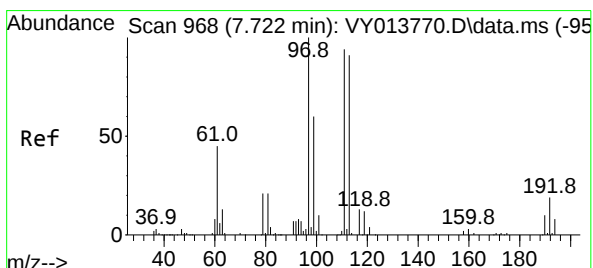
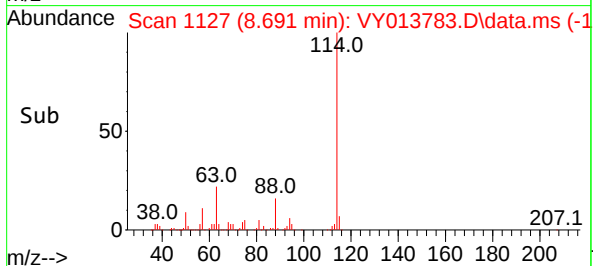
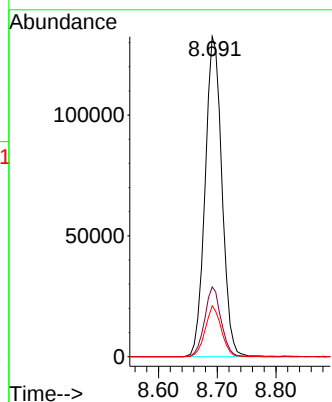
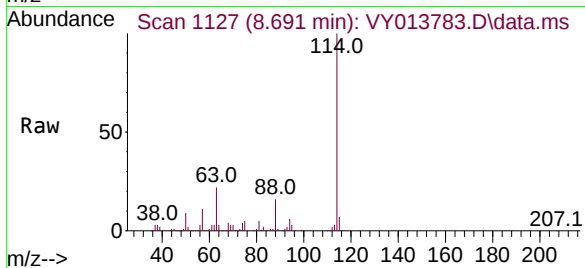
Tgt Ion:114 Resp: 263411

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

88 15.9 0.0 30.8



#35

Dibromofluoromethane

Concen: 53.393 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY013783.D

Acq: 17 May 2023 18:00

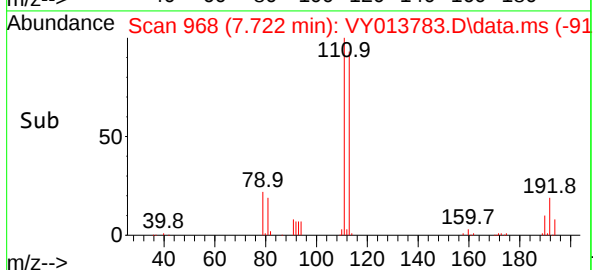
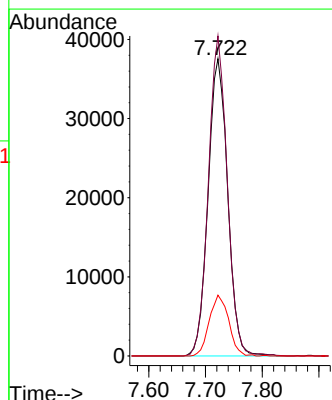
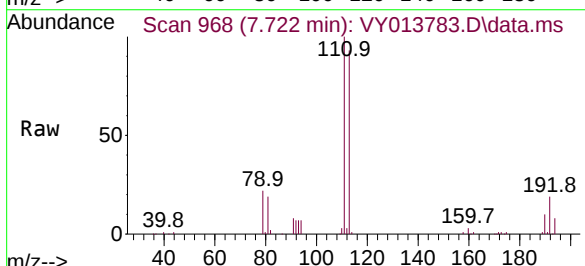
Tgt Ion:113 Resp: 90189

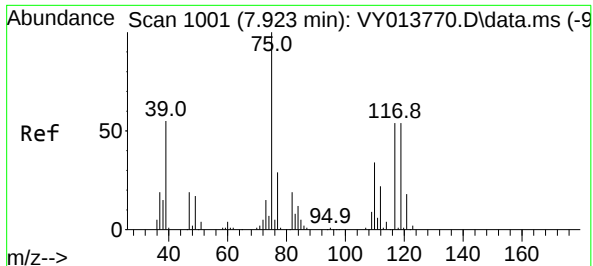
Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

192 20.3 16.0 24.0





#36

1,1-Dichloropropene

Concen: 5.287 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013783.D

Acq: 17 May 2023 18:00

Instrument :

MSVOA_Y

ClientSampleId :

WG-0516-B3-0-2

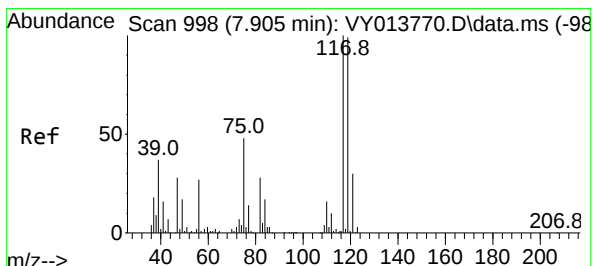
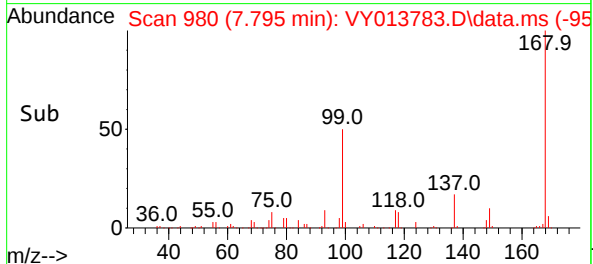
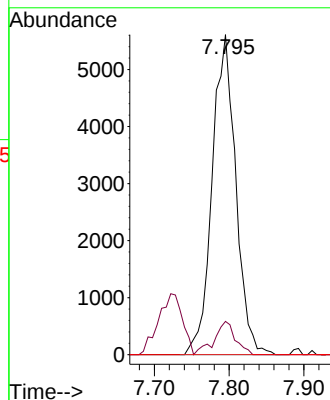
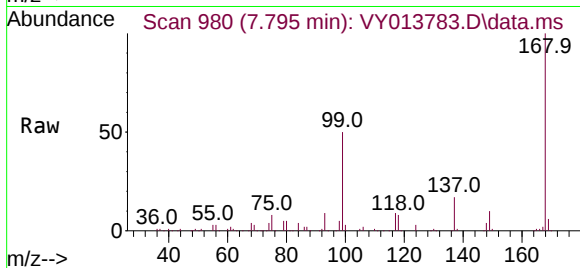
Tgt Ion: 75 Resp: 12339

Ion Ratio Lower Upper

75 100

110 9.1 17.3 51.7#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.331 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY013783.D

Acq: 17 May 2023 18:00

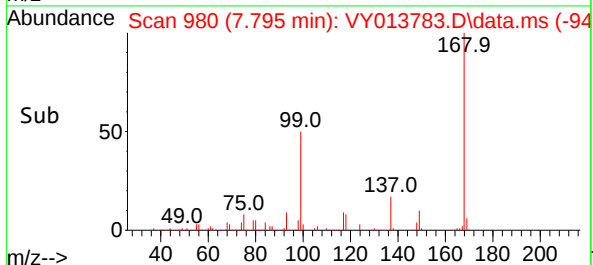
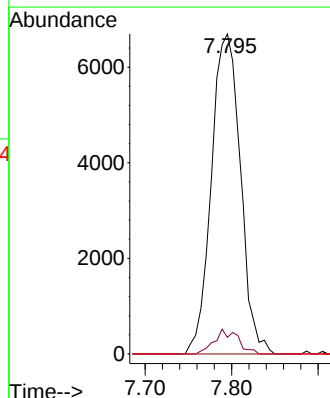
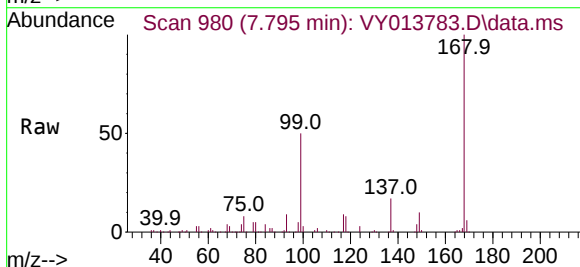
Tgt Ion: 117 Resp: 15588

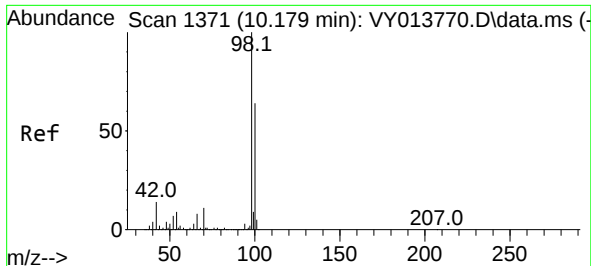
Ion Ratio Lower Upper

117 100

119 5.2 79.0 118.6#

121 0.0 24.1 36.1#

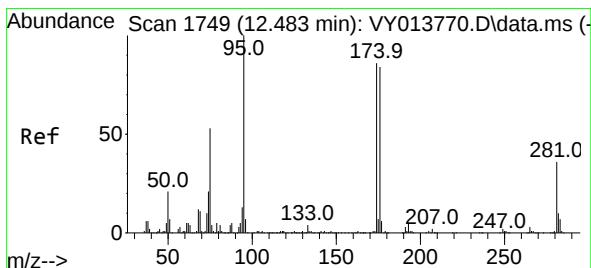
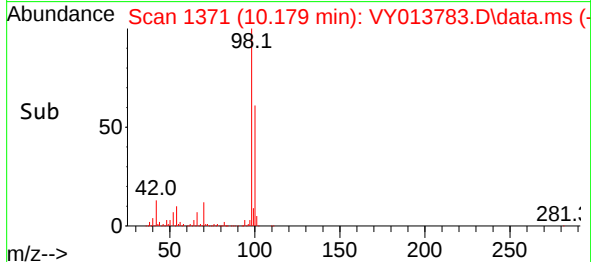
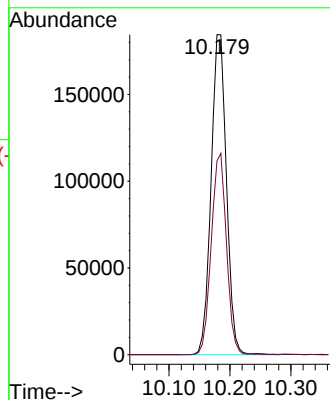
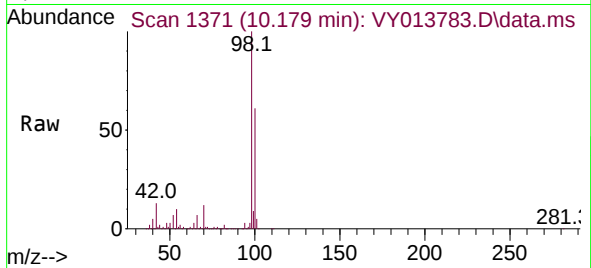




#50
Toluene-d8
Concen: 50.446 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013783.D
Acq: 17 May 2023 18:00

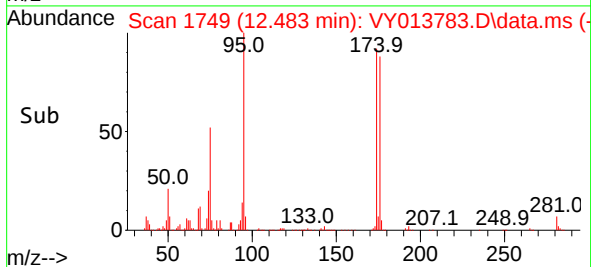
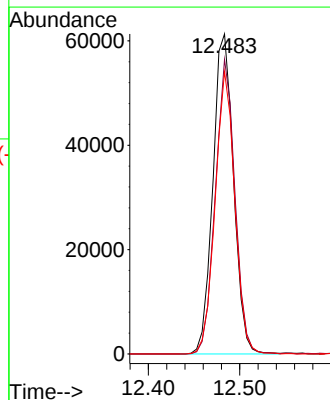
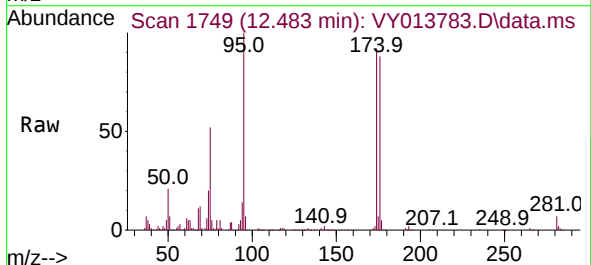
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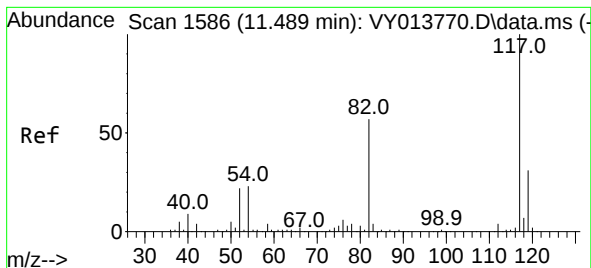
Tgt Ion: 98 Resp: 323045
Ion Ratio Lower Upper
98 100
100 62.3 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 45.208 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013783.D
Acq: 17 May 2023 18:00

Tgt Ion: 95 Resp: 96160
Ion Ratio Lower Upper
95 100
174 87.6 0.0 168.8
176 84.2 0.0 165.2

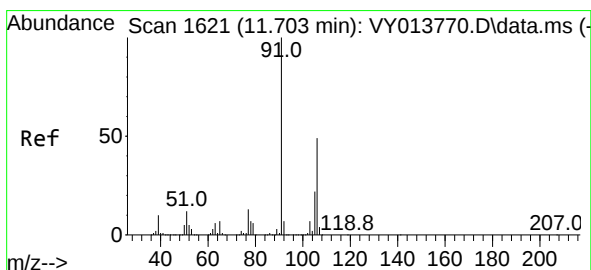
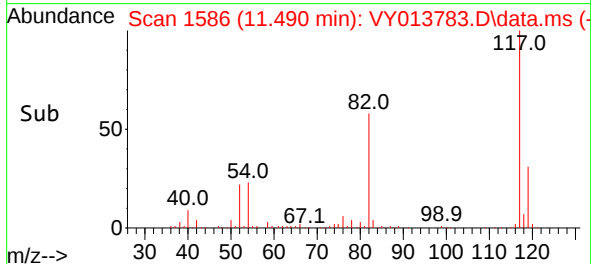
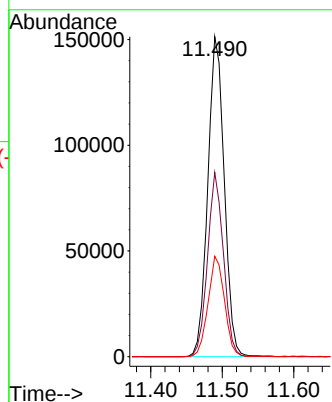
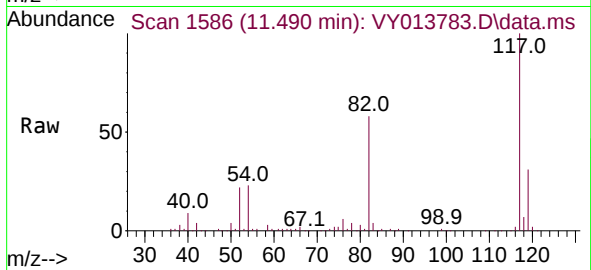




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013783.D
Acq: 17 May 2023 18:00

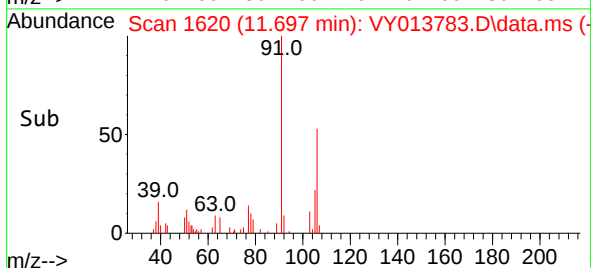
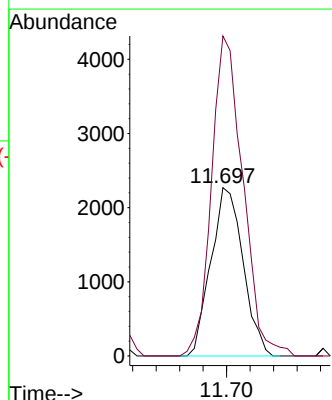
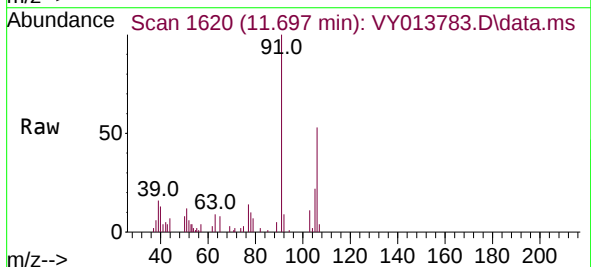
Instrument :
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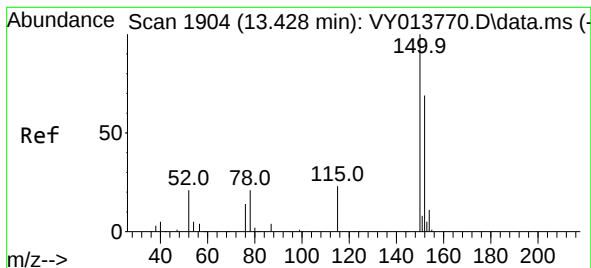
Tgt Ion:117 Resp: 242222
Ion Ratio Lower Upper
117 100
82 57.6 45.5 68.3
119 31.4 24.8 37.2



#68
m/p-Xylenes
Concen: 1.416 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013783.D
Acq: 17 May 2023 18:00

Tgt Ion:106 Resp: 4320
Ion Ratio Lower Upper
106 100
91 185.3 164.0 246.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013783.D

Acq: 17 May 2023 18:00

Instrument :

MSVOA_Y

ClientSampleId :

WG-0516-B3-0-2

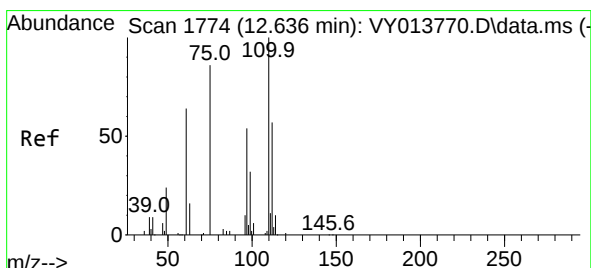
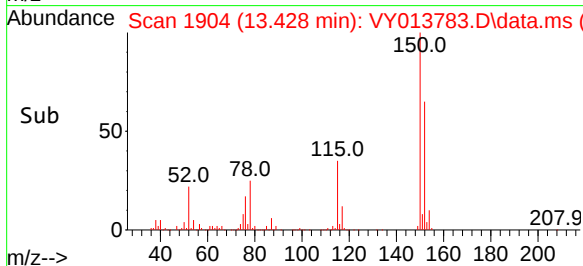
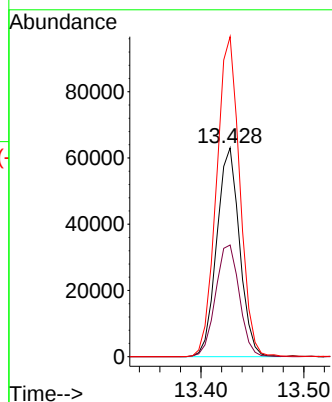
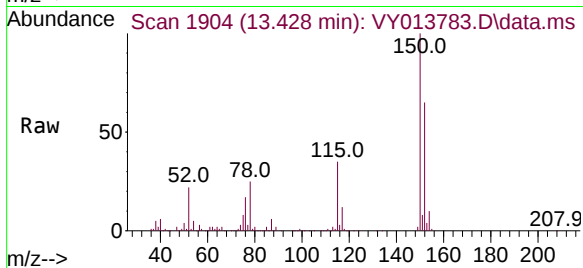
Tgt Ion:152 Resp: 97114

Ion Ratio Lower Upper

152 100

115 55.9 28.5 85.5

150 156.4 0.0 347.0



#76

1,2,3-Trichloropropane

Concen: 44.229 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY013783.D

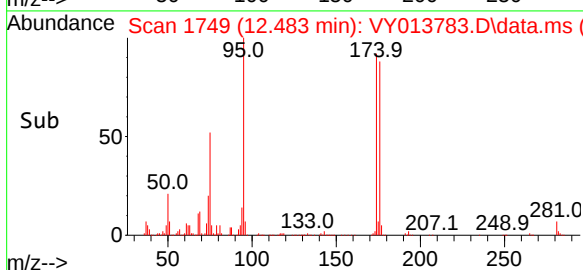
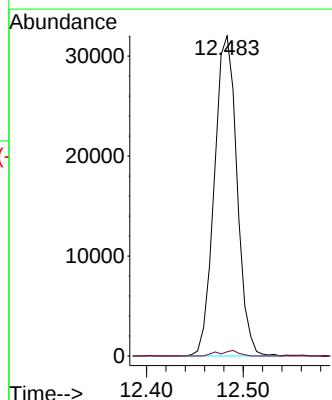
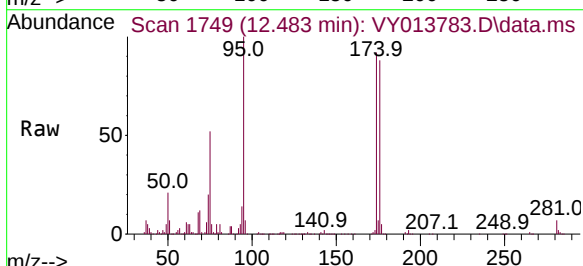
Acq: 17 May 2023 18:00

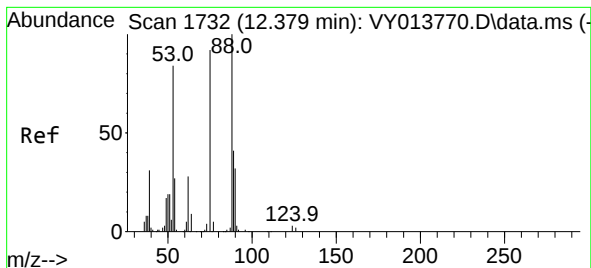
Tgt Ion: 75 Resp: 51984

Ion Ratio Lower Upper

75 100

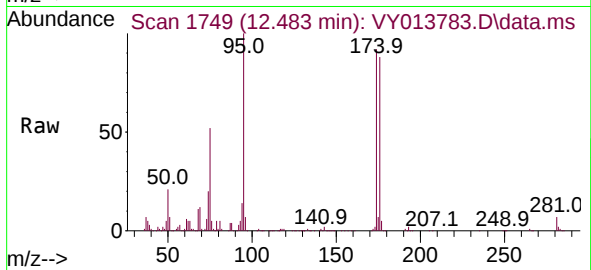
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.470 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013783.D
 Acq: 17 May 2023 18:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 WG-0516-B3-0-2



Tgt Ion: 75 Resp: 51984
 Ion Ratio Lower Upper
 75 100
 53 0.4 75.3 112.9#
 89 0.1 35.4 53.2#

