

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013690.D
 Acq On : 10 May 2023 16:07
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 11 03:29:30 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)

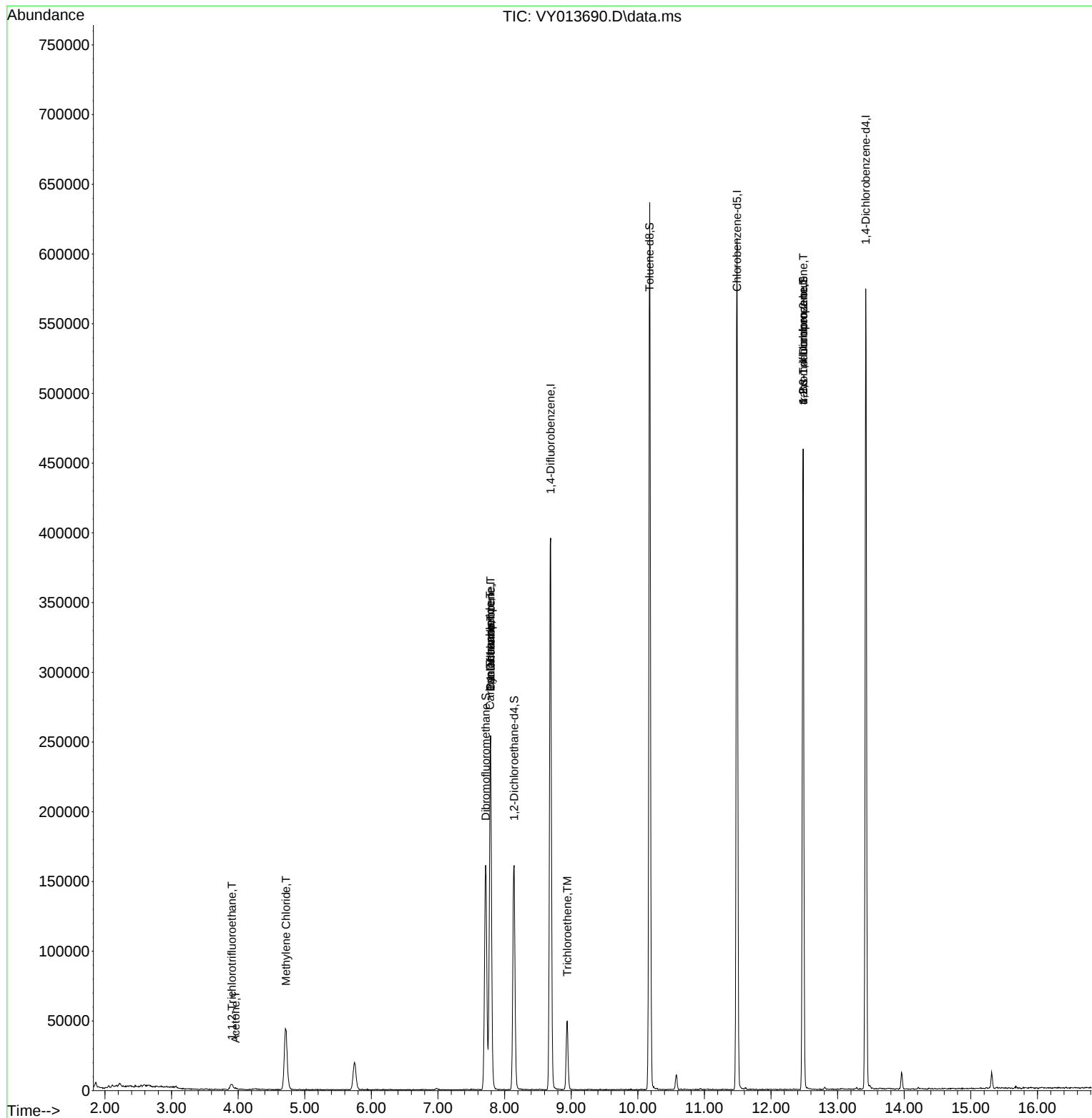
Internal Standards						
1) Pentafluorobenzene	7.789	168	193462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	329157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	317558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	133288	62.849	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 125.700%		
35) Dibromofluoromethane	7.716	113	112621	54.400	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.800%		
50) Toluene-d8	10.179	98	399921	54.302	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 108.600%		
62) 4-Bromofluorobenzene	12.483	95	125456	50.529	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 101.060%		
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	3.905	101	2534	1.215	ug/l #	72
16) Acetone	3.960	43	1844	2.208	ug/l #	84
20) Methylene Chloride	4.716	84	32728	5.272	ug/l #	86
31) Cyclohexane	7.789	56	3936	1.037	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14748	4.292	ug/l #	50
38) Carbon Tetrachloride	7.783	117	19022	5.282	ug/l #	16
44) Trichloroethene	8.941	130	17763	6.900	ug/l	94
76) 1,2,3-Trichloropropane	12.483	75	69841	35.515	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69841	72.648	ug/l #	13

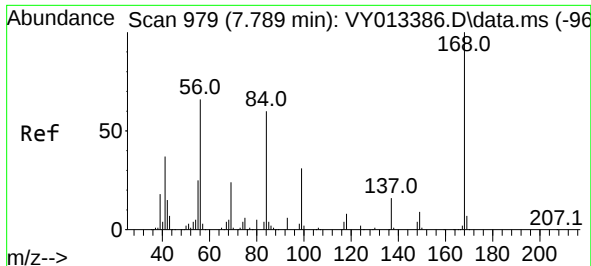
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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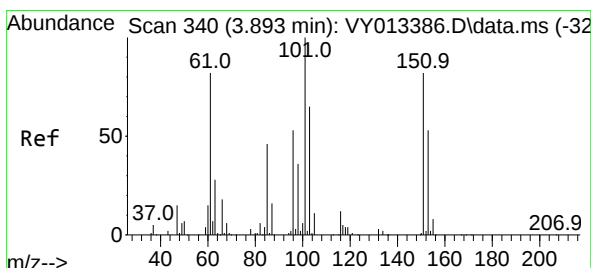
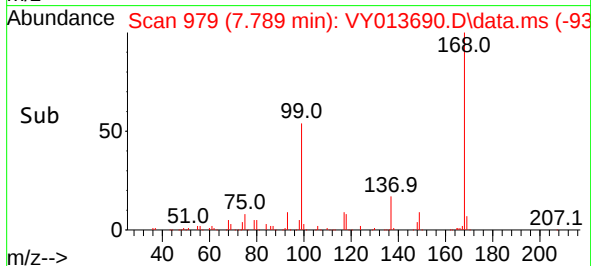
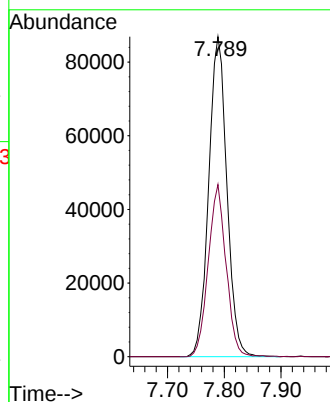
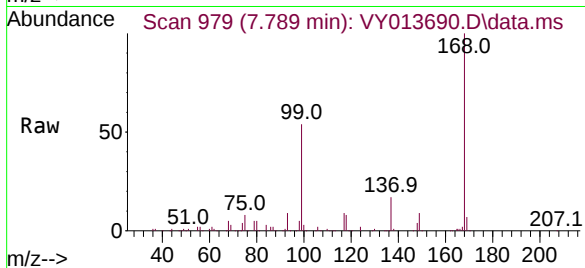




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013690.D
Acq: 10 May 2023 16:07

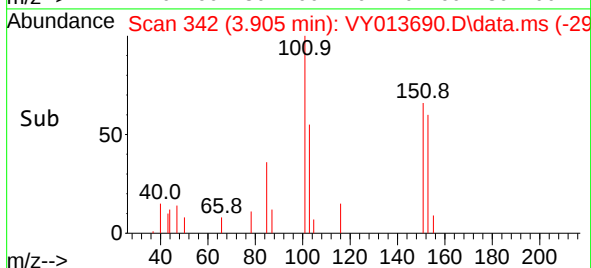
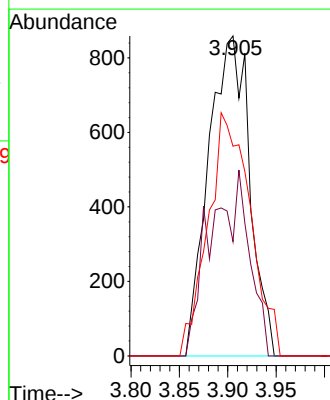
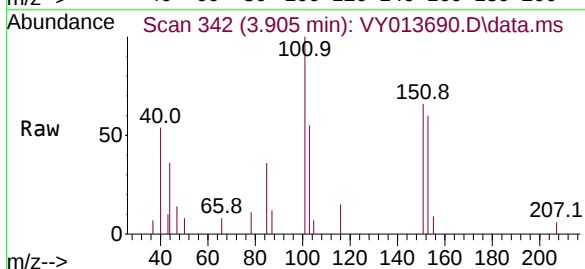
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

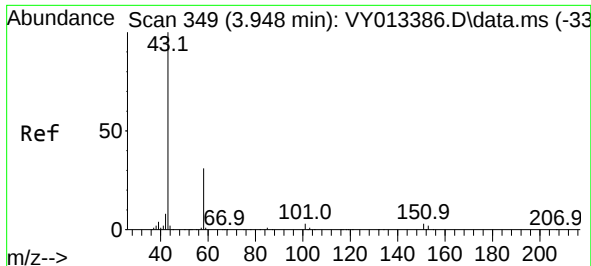
Tgt Ion:168 Resp: 193462
Ion Ratio Lower Upper
168 100
99 53.8 41.8 62.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.215 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY013690.D
Acq: 10 May 2023 16:07

Tgt Ion:101 Resp: 2534
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 78.4 68.0 102.0

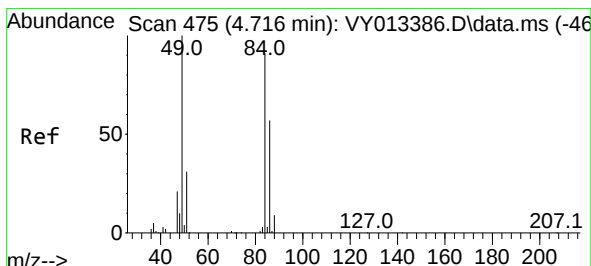
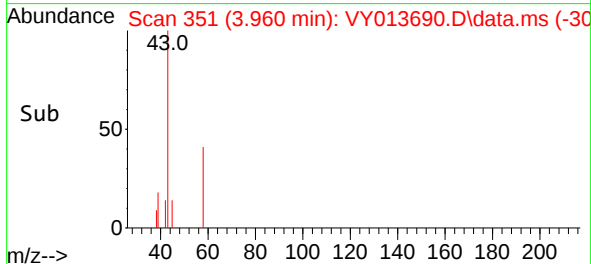
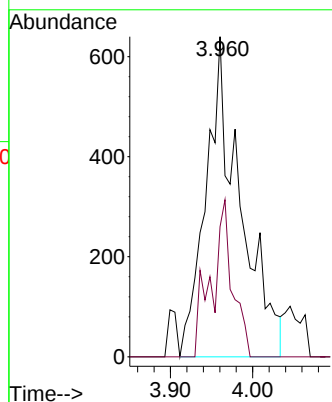
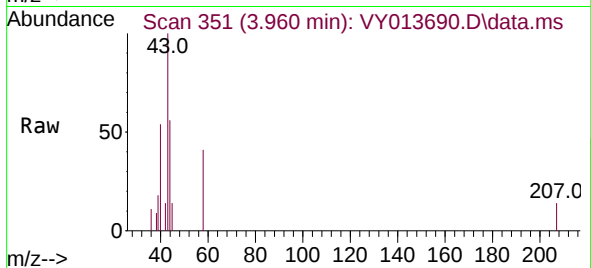




#16
Acetone
Concen: 2.208 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY013690.D
Acq: 10 May 2023 16:07

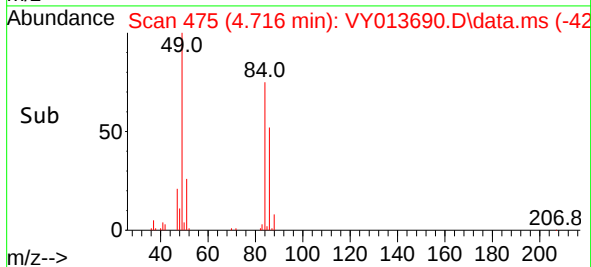
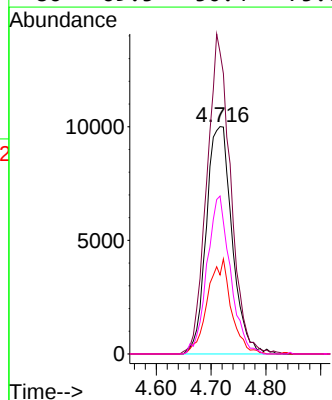
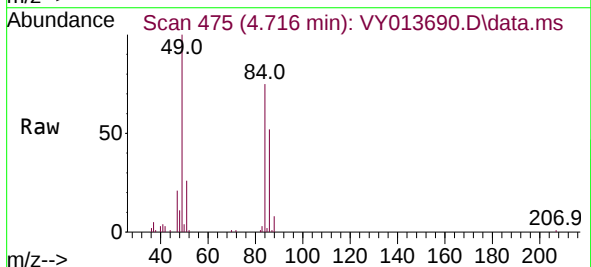
Instrument :
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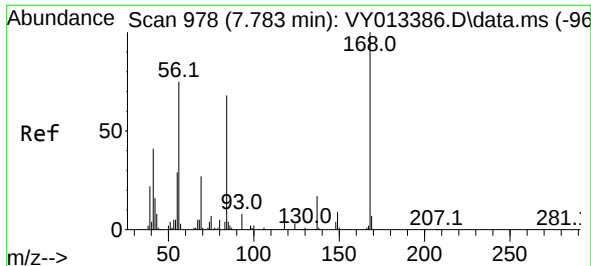
Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
58 40.6 25.4 38.0#



#20
Methylene Chloride
Concen: 5.272 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013690.D
Acq: 10 May 2023 16:07

Tgt Ion: 84 Resp: 32728
Ion Ratio Lower Upper
84 100
49 132.7 88.0 132.0#
51 34.7 27.4 41.0
86 69.5 50.4 75.6

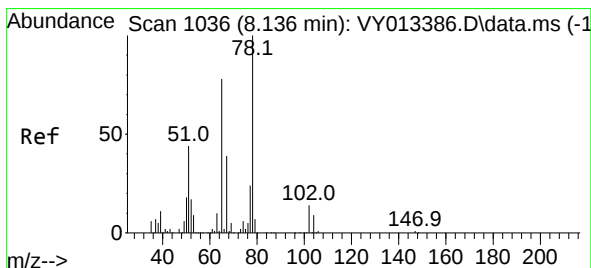
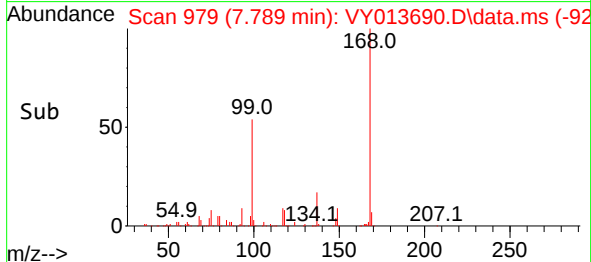
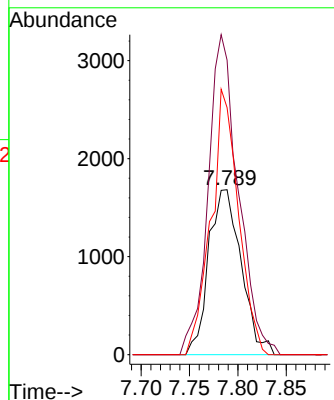
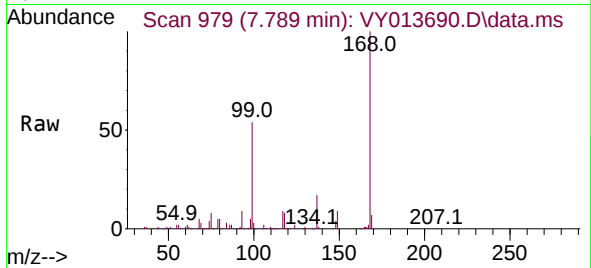




#31
Cyclohexane
Concen: 1.037 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013690.D
Acq: 10 May 2023 16:07

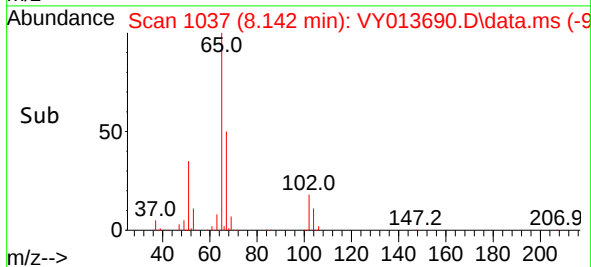
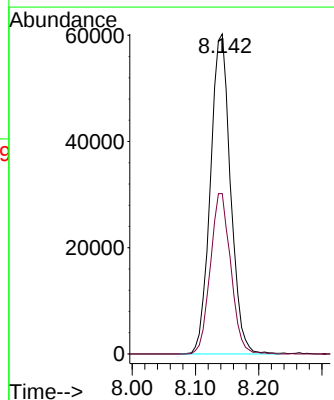
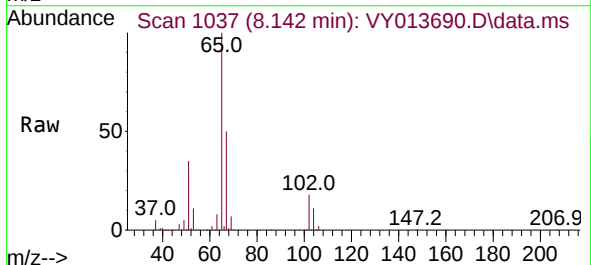
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

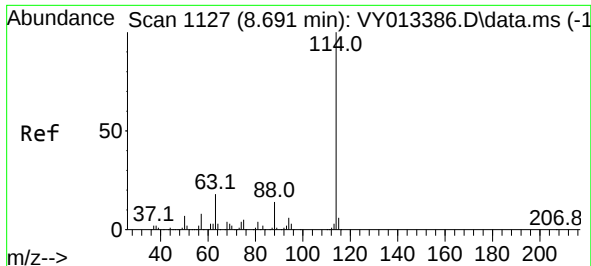
Tgt Ion: 56 Resp: 3936
Ion Ratio Lower Upper
56 100
69 178.6 29.2 43.8#
84 149.8 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 62.849 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013690.D
Acq: 10 May 2023 16:07

Tgt Ion: 65 Resp: 133288
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4

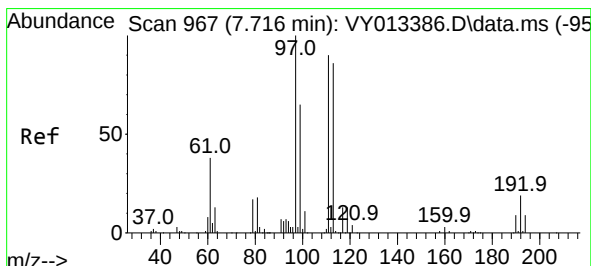
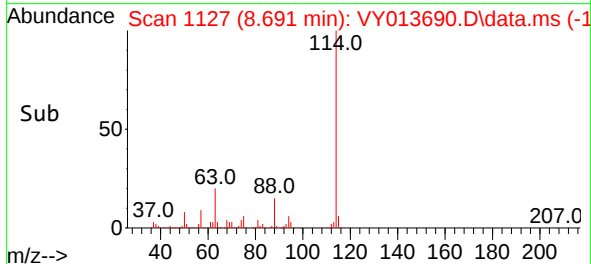
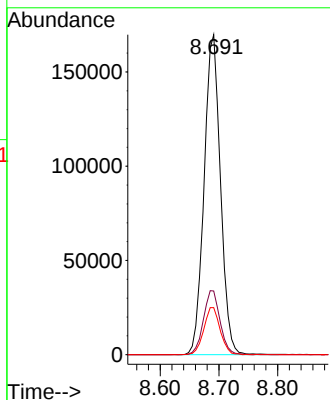
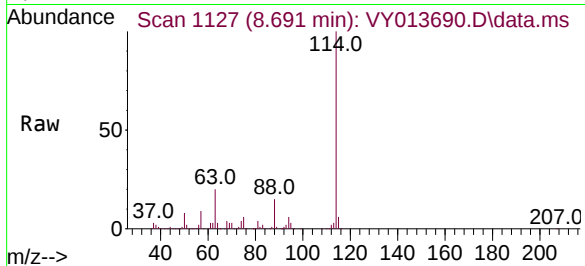




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013690.D
Acq: 10 May 2023 16:07

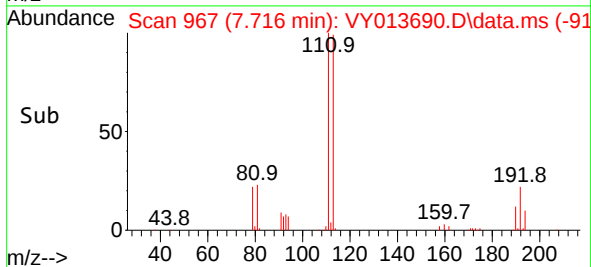
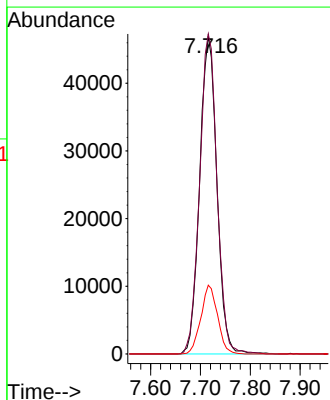
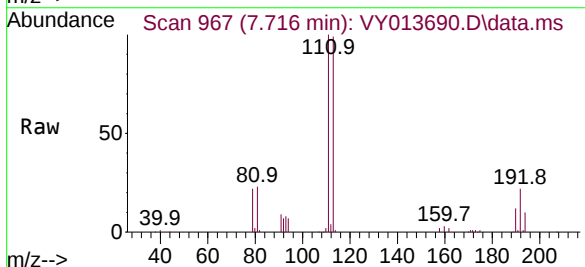
Instrument :
MSVOA_Y
ClientSampleId :
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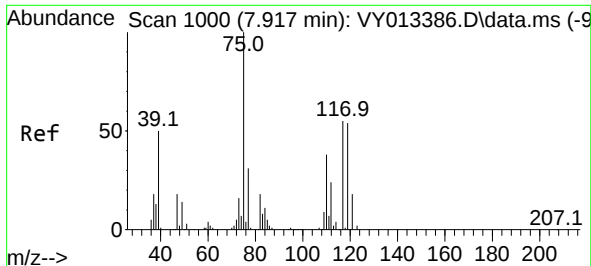
Tgt Ion:114 Resp: 329157
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.6
88 14.7 0.0 28.8



#35
Dibromofluoromethane
Concen: 54.400 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013690.D
Acq: 10 May 2023 16:07

Tgt Ion:113 Resp: 112621
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 20.9 16.7 25.1

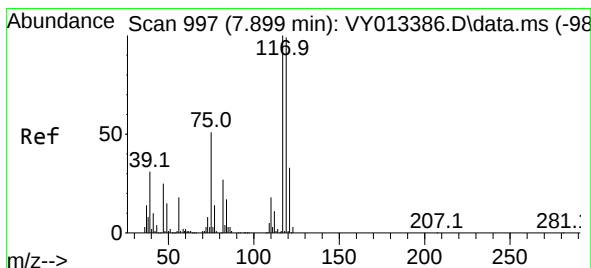
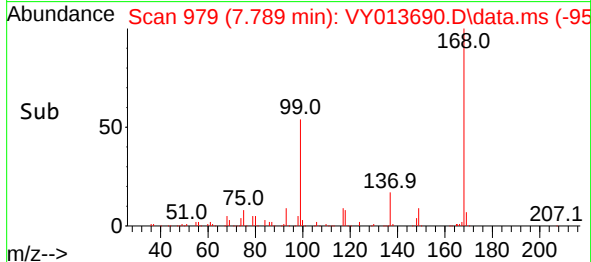
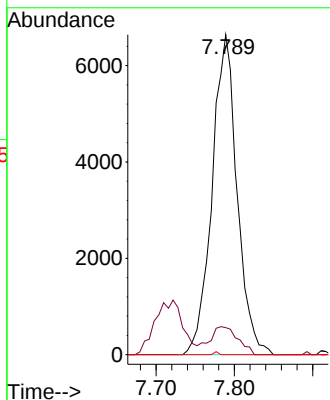
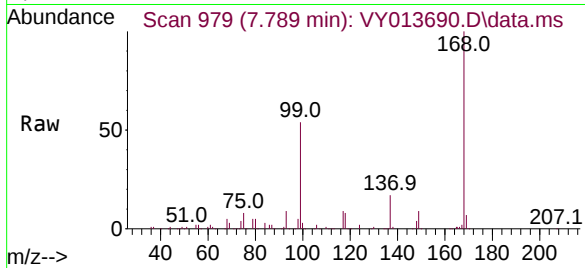




#36
1,1-Dichloropropene
Concen: 4.292 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013690.D
Acq: 10 May 2023 16:07

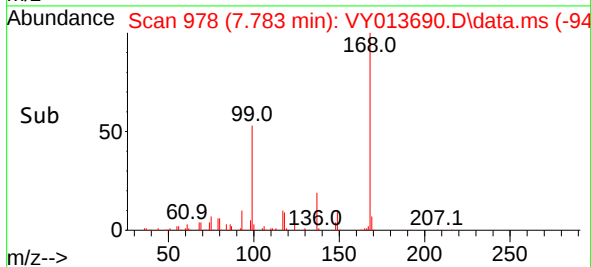
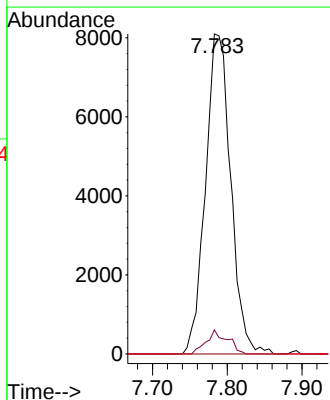
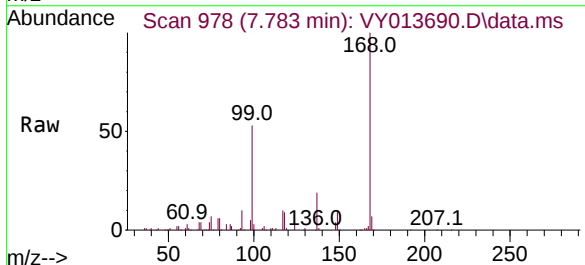
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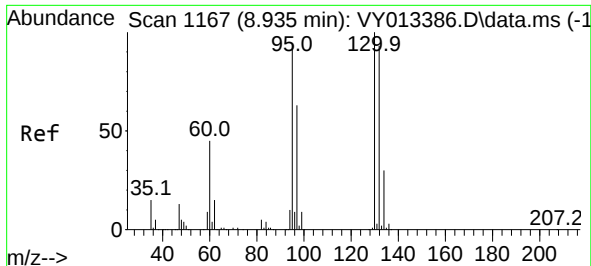
Tgt Ion: 75 Resp: 14748
Ion Ratio Lower Upper
75 100
110 9.9 18.7 56.1#
77 0.2 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.282 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY013690.D
Acq: 10 May 2023 16:07

Tgt Ion: 117 Resp: 19022
Ion Ratio Lower Upper
117 100
119 7.5 79.0 118.6#
121 0.0 26.6 40.0#

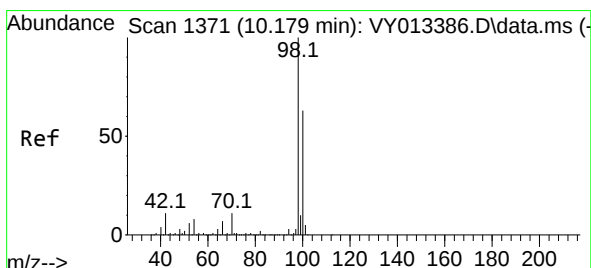
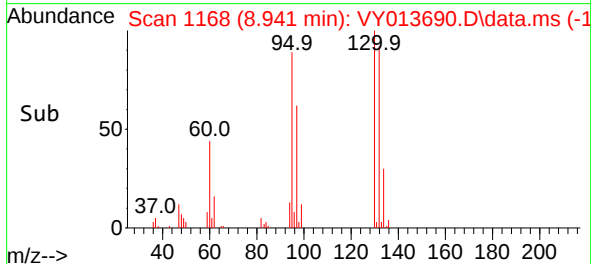
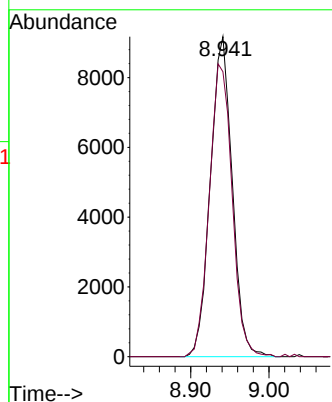
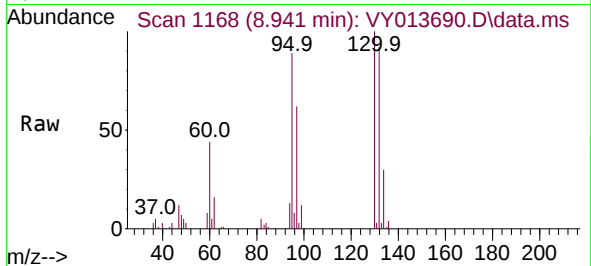




#44
Trichloroethene
Concen: 6.900 ug/l
RT: 8.941 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY013690.D
Acq: 10 May 2023 16:07

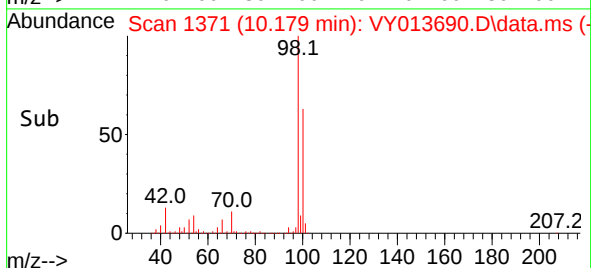
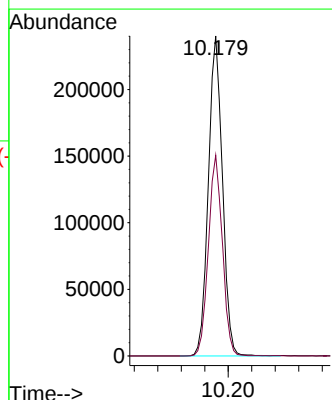
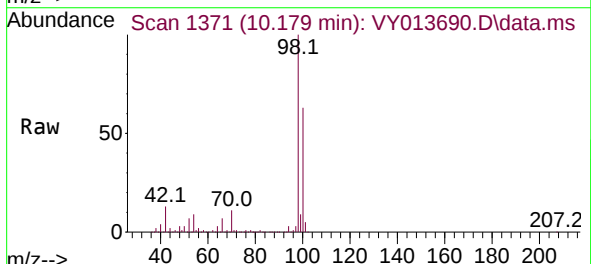
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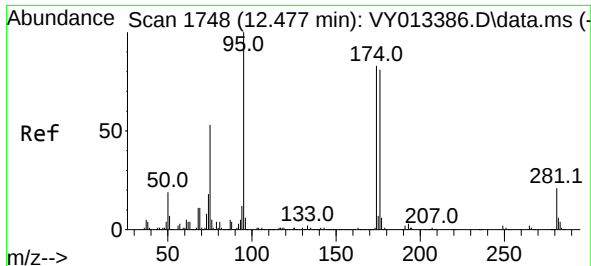
Tgt Ion:130 Resp: 17763
Ion Ratio Lower Upper
130 100
95 89.0 0.0 188.8



#50
Toluene-d8
Concen: 54.302 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013690.D
Acq: 10 May 2023 16:07

Tgt Ion: 98 Resp: 399921
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7

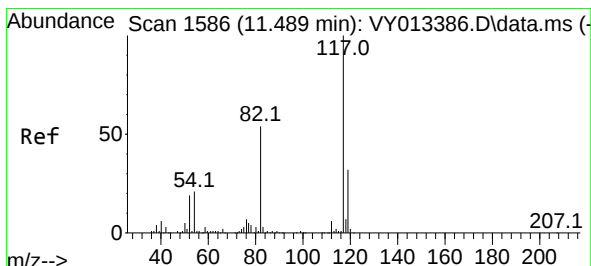
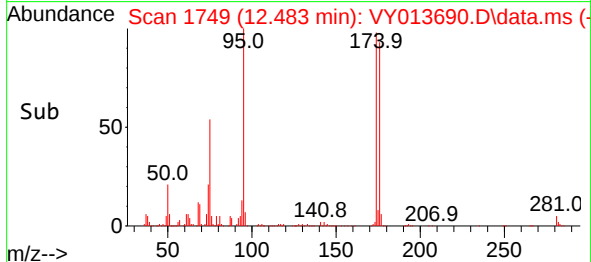
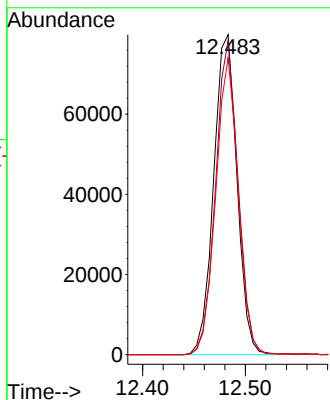
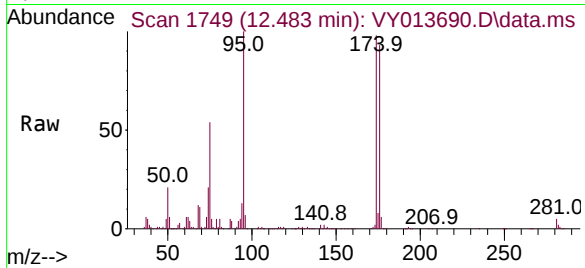




#62
4-Bromofluorobenzene
Concen: 50.529 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013690.D
Acq: 10 May 2023 16:07

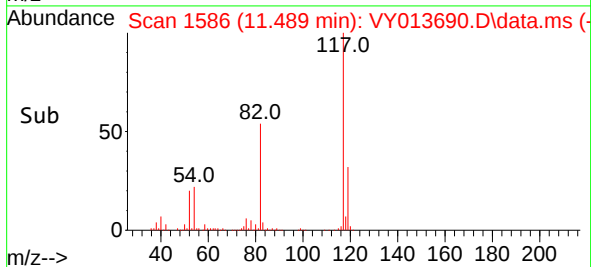
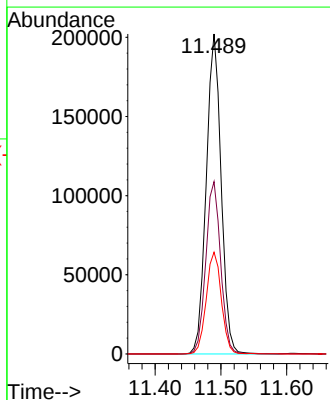
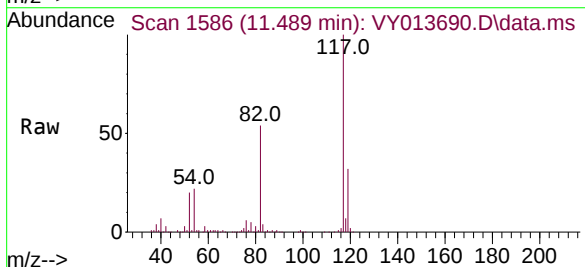
Instrument :
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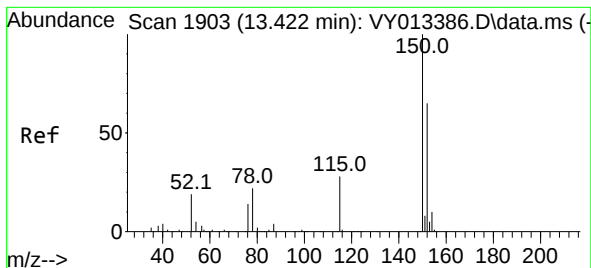
Tgt Ion: 95 Resp: 125456
Ion Ratio Lower Upper
95 100
174 95.1 0.0 182.0
176 90.1 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013690.D
Acq: 10 May 2023 16:07

Tgt Ion: 117 Resp: 317558
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.6
119 31.8 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: VY013690.D

Acq: 10 May 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

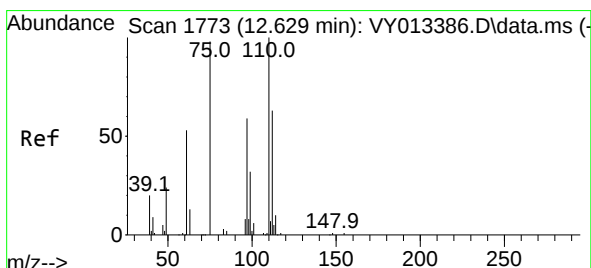
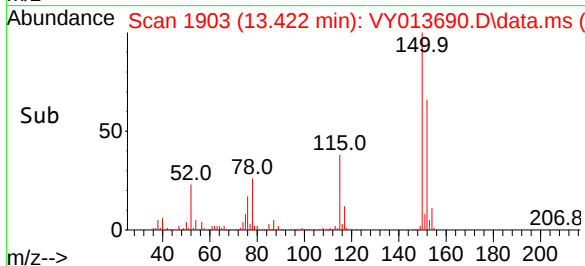
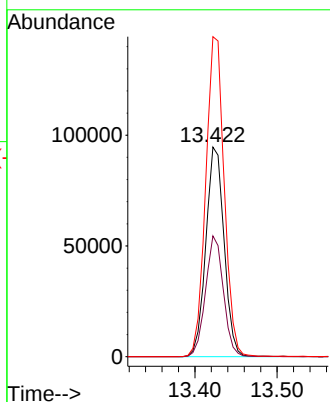
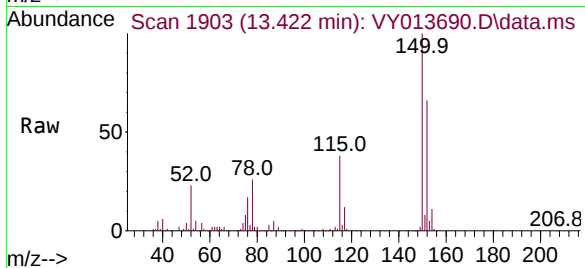
Tgt Ion:152 Resp: 145816

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.2

150 154.4 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 35.515 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY013690.D

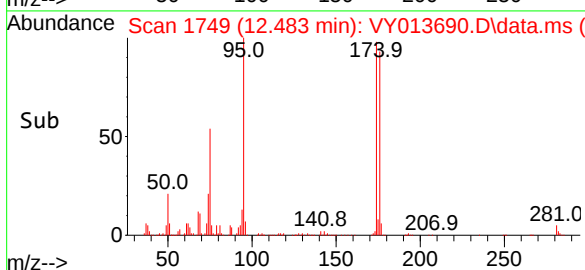
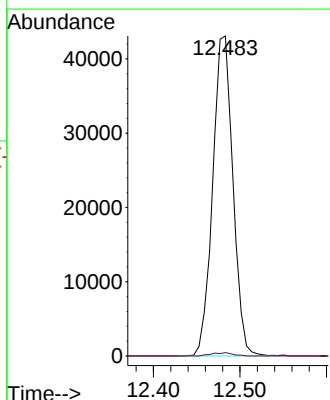
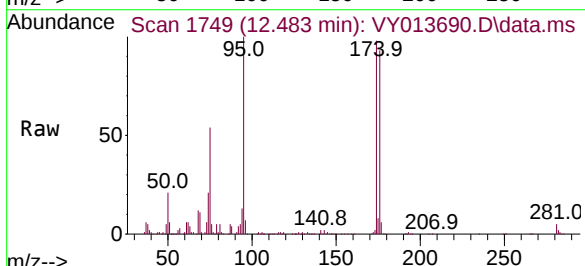
Acq: 10 May 2023 16:07

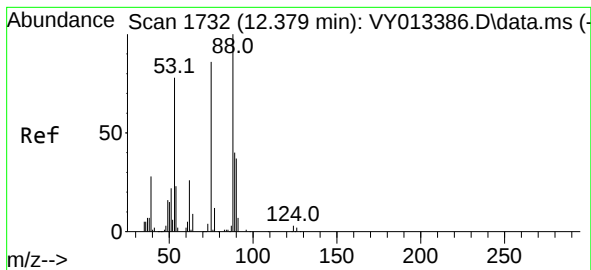
Tgt Ion: 75 Resp: 69841

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.648 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013690.D
 Acq: 10 May 2023 16:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 69841
 Ion Ratio Lower Upper
 75 100
 53 0.3 73.2 109.8#
 89 0.1 38.0 57.0#

