

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051923\
 Data File : VY013821.D
 Acq On : 19 May 2023 15:13
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 22 04:20:58 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)

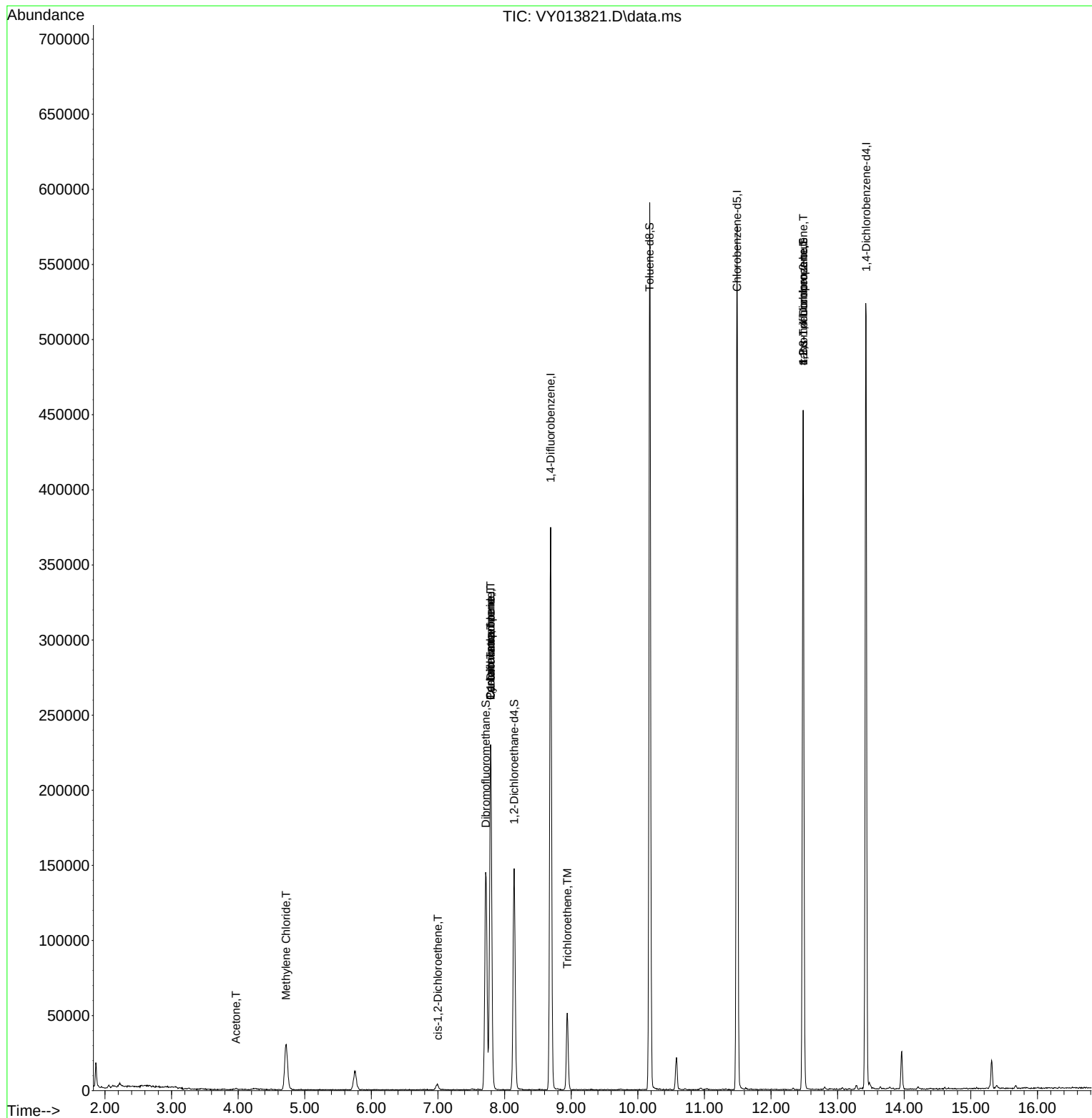
Internal Standards						
1) Pentafluorobenzene	7.789	168	177594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	306394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	119984	58.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.320%
35) Dibromofluoromethane	7.716	113	99283	50.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.060%
50) Toluene-d8	10.179	98	373724	50.173	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.483	95	120718	48.792	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.580%
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	1426	2.291	ug/l #	80
20) Methylene Chloride	4.716	84	22694	6.791	ug/l	90
27) cis-1,2-Dichloroethene	6.996	96	1993	1.008	ug/l	77
31) Cyclohexane	7.789	56	3931	1.329	ug/l #	29
36) 1,1-Dichloropropene	7.789	75	13873	5.110	ug/l #	51
38) Carbon Tetrachloride	7.789	117	17603	6.147	ug/l #	16
44) Trichloroethene	8.941	130	17243	8.361	ug/l	96
76) 1,2,3-Trichloropropane	12.483	75	66663	40.712	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66663	90.640	ug/l #	12

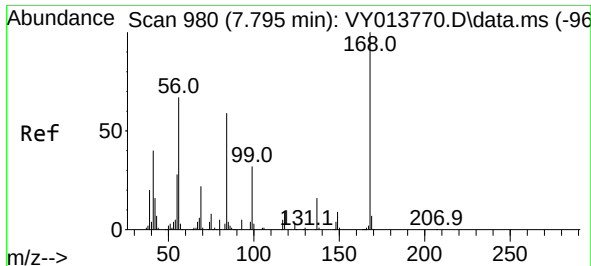
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051923\
Data File : VY013821.D
Acq On : 19 May 2023 15:13
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: May 22 04:20:58 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

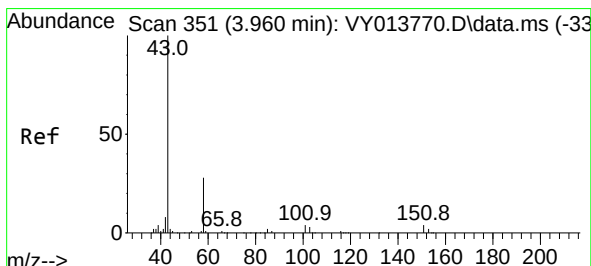
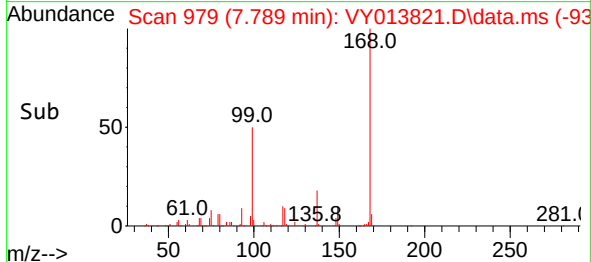
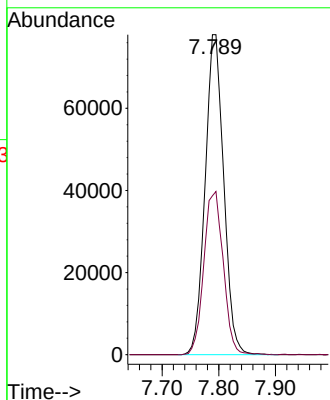
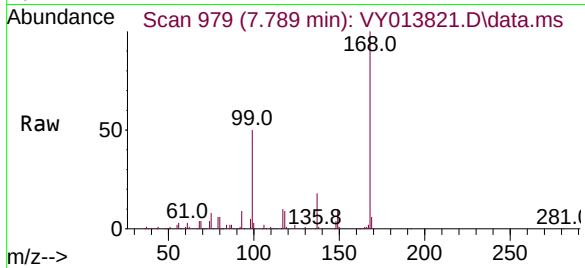




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013821.D
Acq: 19 May 2023 15:13

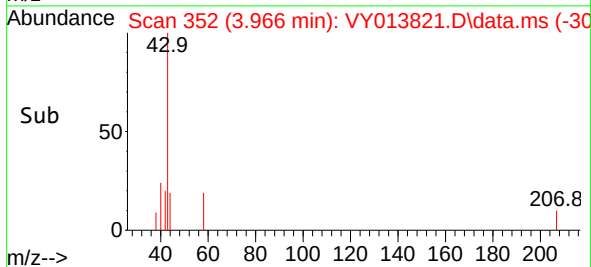
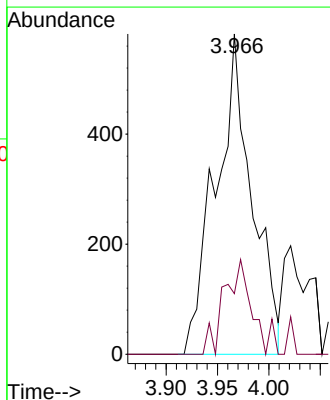
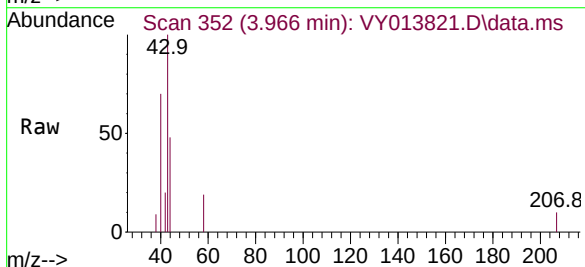
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

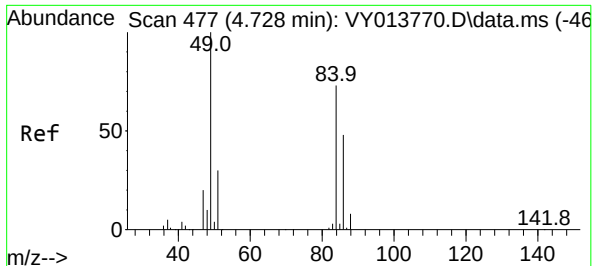
Tgt Ion:168 Resp: 177594
Ion Ratio Lower Upper
168 100
99 49.7 44.0 66.0



#16
Acetone
Concen: 2.291 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY013821.D
Acq: 19 May 2023 15:13

Tgt Ion: 43 Resp: 1426
Ion Ratio Lower Upper
43 100
58 18.9 23.7 35.5#



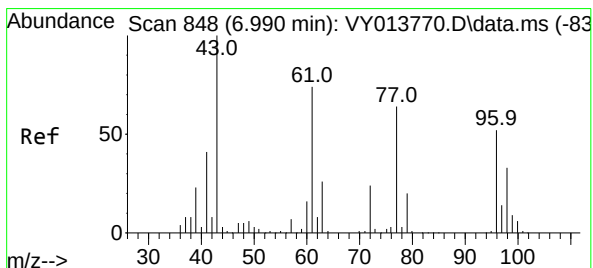
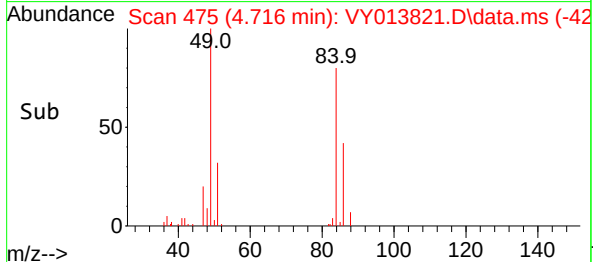
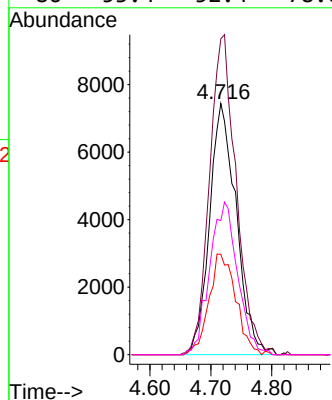
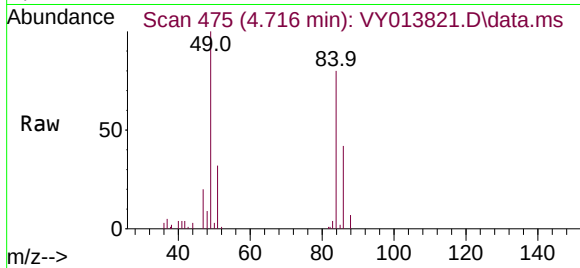


#20
Methylene Chloride
Concen: 6.791 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013821.D
Acq: 19 May 2023 15:13

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 22694

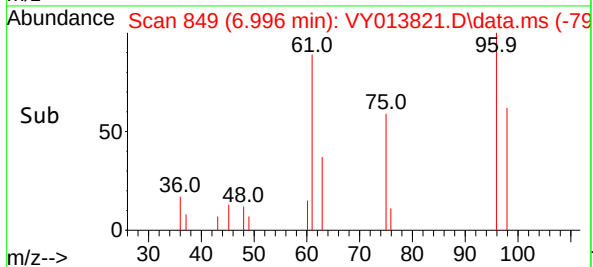
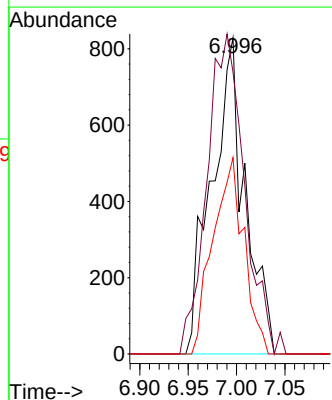
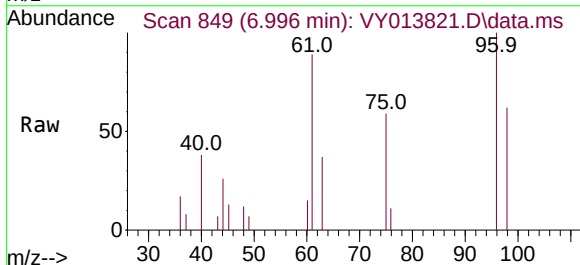
Ion	Ratio	Lower	Upper
84	100		
49	125.7	109.4	164.0
51	39.9	32.8	49.2
86	53.4	52.4	78.6

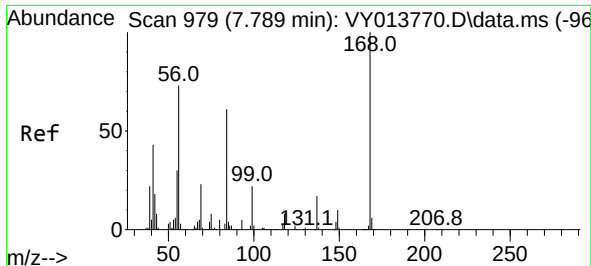


#27
cis-1,2-Dichloroethene
Concen: 1.008 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY013821.D
Acq: 19 May 2023 15:13

Tgt Ion: 96 Resp: 1993

Ion	Ratio	Lower	Upper
96	100		
61	113.4	0.0	300.6
98	57.6	0.0	127.8

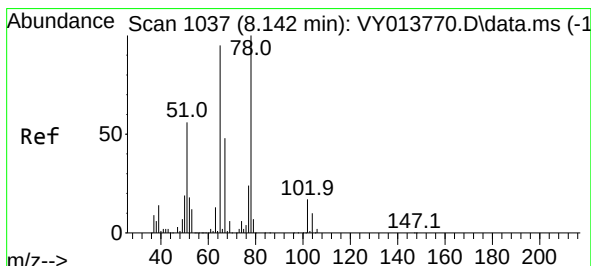
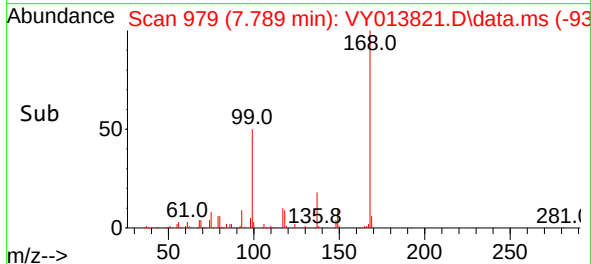
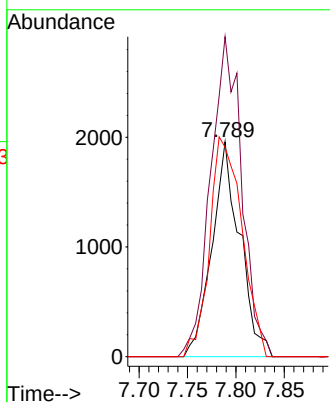
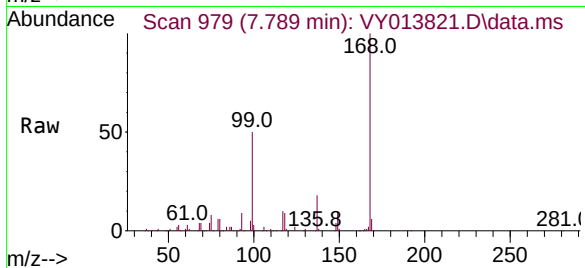




#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013821.D
Acq: 19 May 2023 15:13

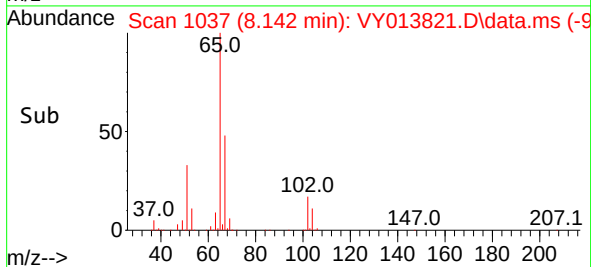
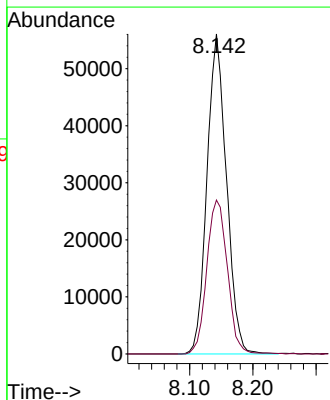
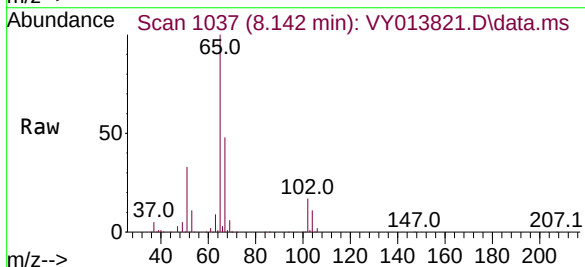
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

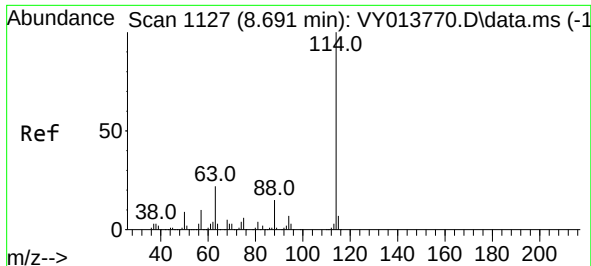
Tgt Ion: 56 Resp: 3931
Ion Ratio Lower Upper
56 100
69 149.0 25.8 38.6#
84 97.4 65.8 98.6



#33
1,2-Dichloroethane-d4
Concen: 58.159 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY013821.D
Acq: 19 May 2023 15:13

Tgt Ion: 65 Resp: 119984
Ion Ratio Lower Upper
65 100
67 50.9 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: VY013821.D

Acq: 19 May 2023 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

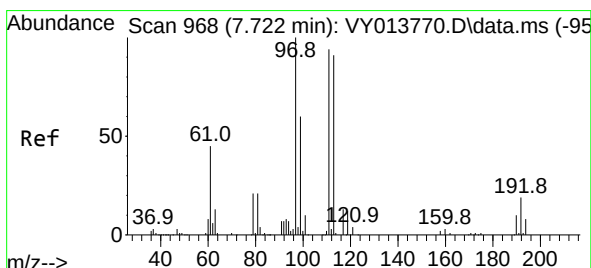
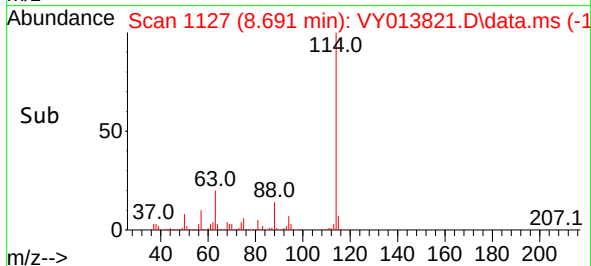
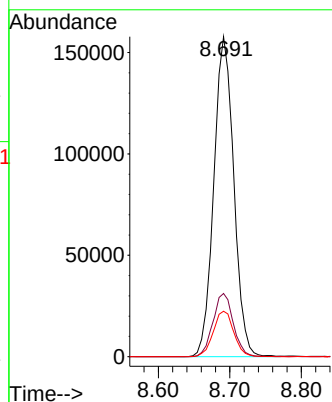
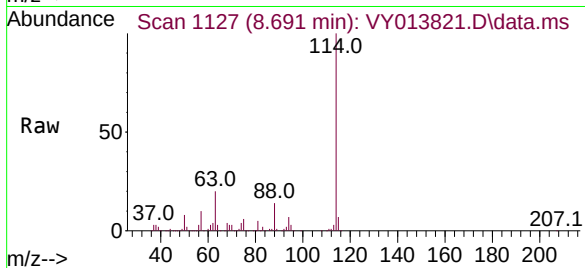
Tgt Ion:114 Resp: 306394

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.8

88 14.2 0.0 30.8



#35

Dibromofluoromethane

Concen: 50.531 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013821.D

Acq: 19 May 2023 15:13

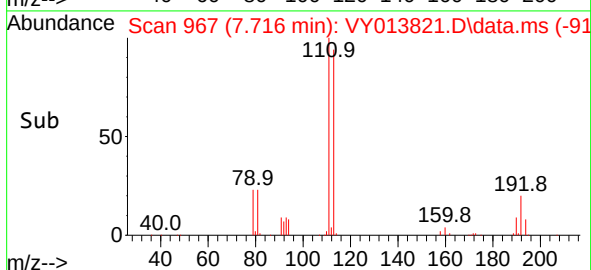
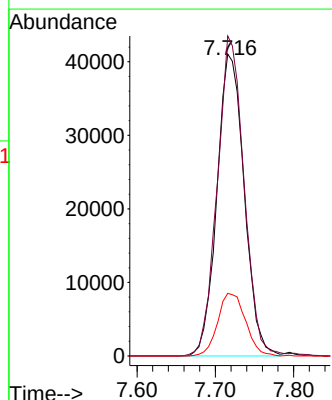
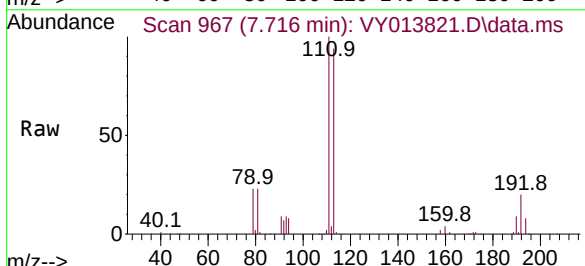
Tgt Ion:113 Resp: 99283

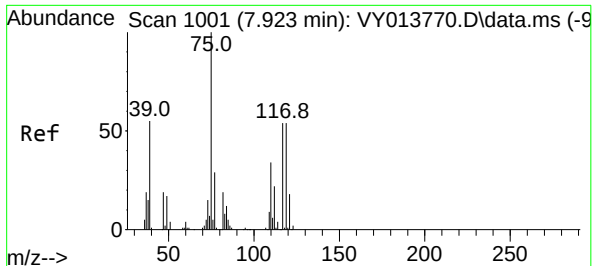
Ion Ratio Lower Upper

113 100

111 104.3 82.3 123.5

192 21.2 16.0 24.0





#36

1,1-Dichloropropene

Concen: 5.110 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY013821.D

Acq: 19 May 2023 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

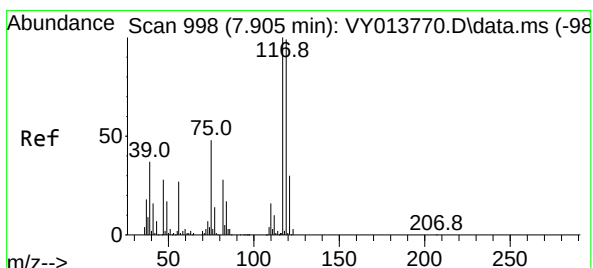
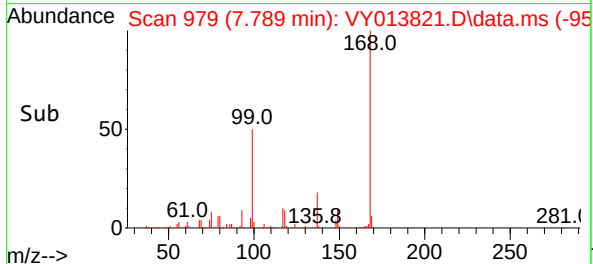
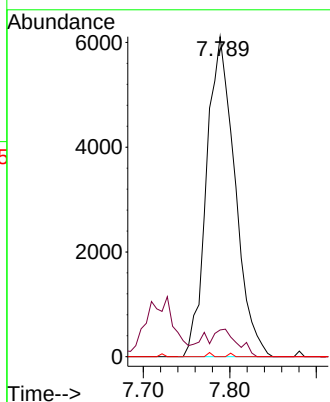
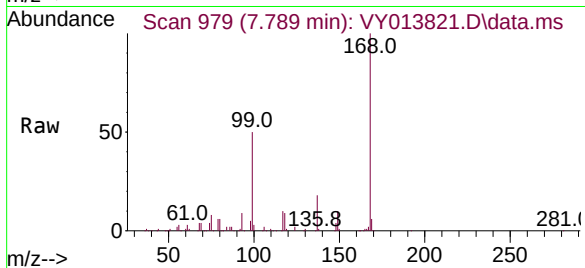
Tgt Ion: 75 Resp: 13873

Ion Ratio Lower Upper

75 100

110 10.2 17.3 51.7#

77 0.2 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.147 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY013821.D

Acq: 19 May 2023 15:13

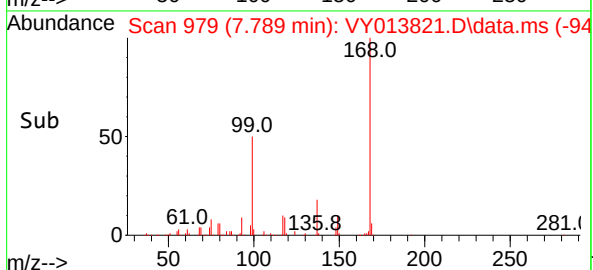
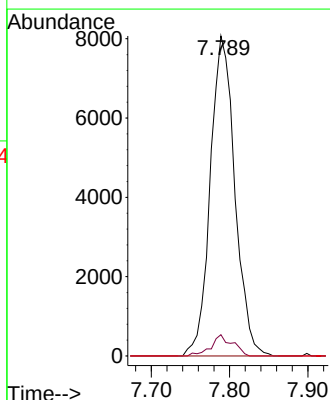
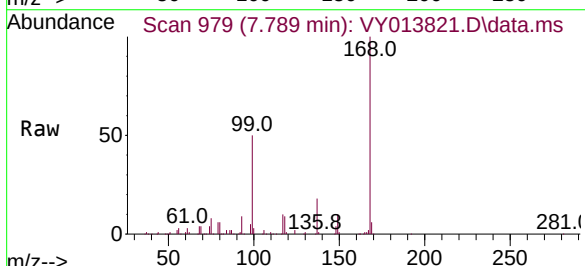
Tgt Ion: 117 Resp: 17603

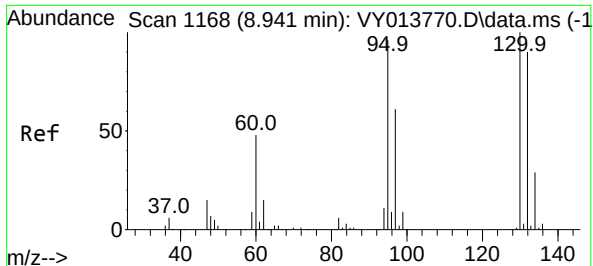
Ion Ratio Lower Upper

117 100

119 6.6 79.0 118.6#

121 0.0 24.1 36.1#

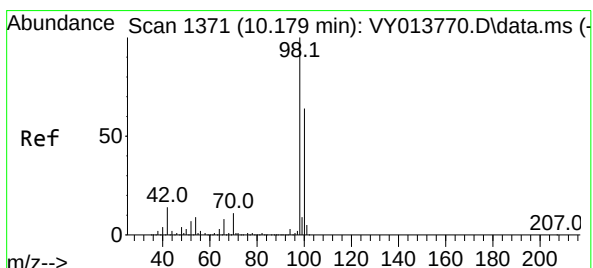
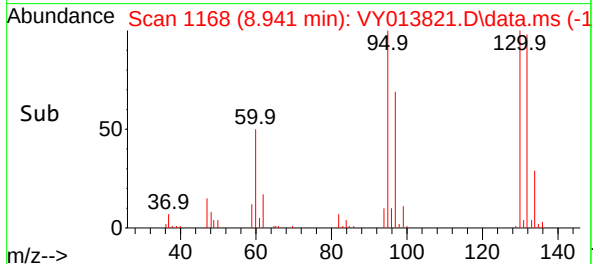
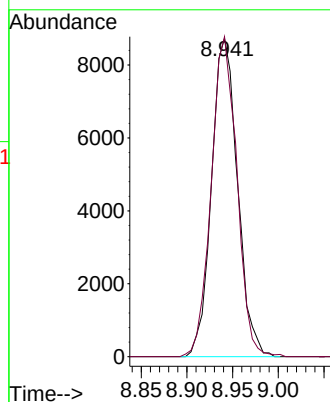
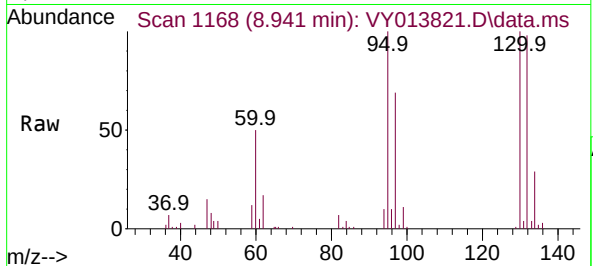




#44
Trichloroethene
Concen: 8.361 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013821.D
Acq: 19 May 2023 15:13

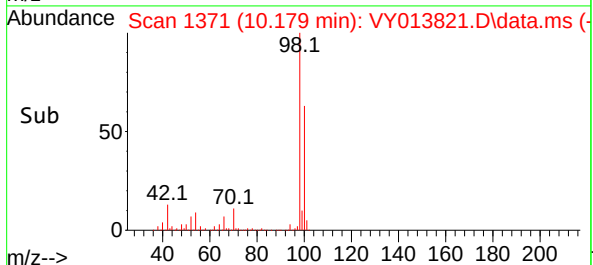
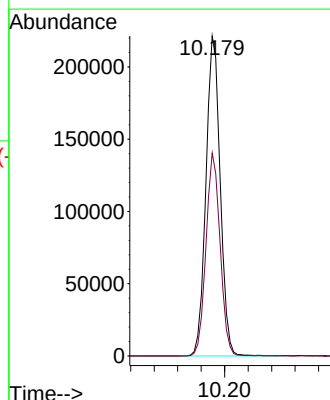
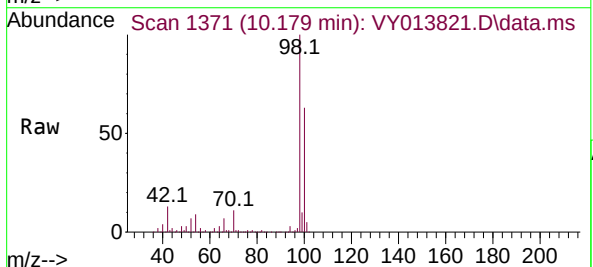
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

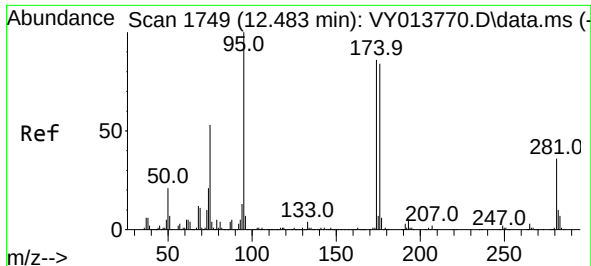
Tgt Ion:130 Resp: 17243
Ion Ratio Lower Upper
130 100
95 100.5 0.0 193.0



#50
Toluene-d8
Concen: 50.173 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013821.D
Acq: 19 May 2023 15:13

Tgt Ion: 98 Resp: 373724
Ion Ratio Lower Upper
98 100
100 62.7 51.0 76.6

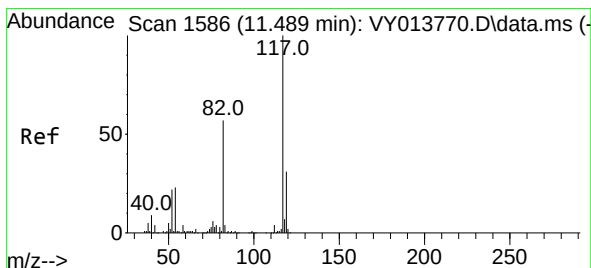
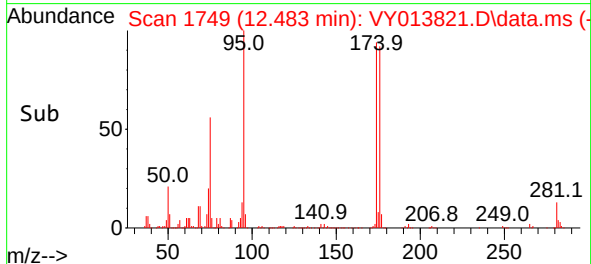
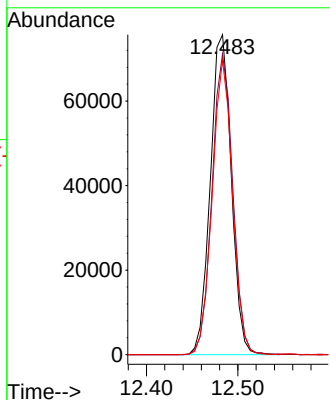
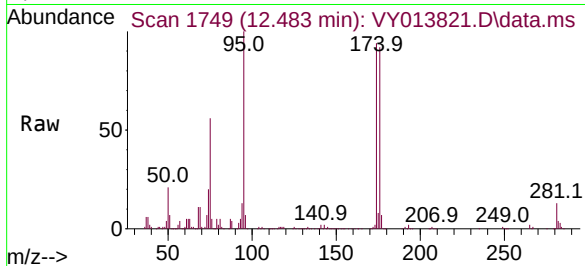




#62
4-Bromofluorobenzene
Concen: 48.792 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013821.D
Acq: 19 May 2023 15:13

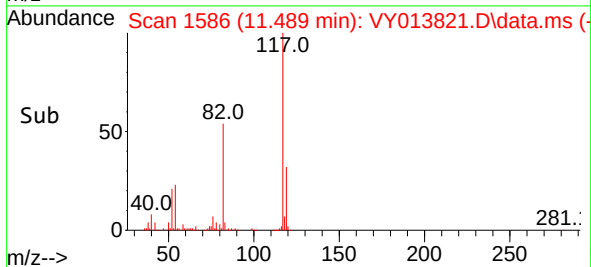
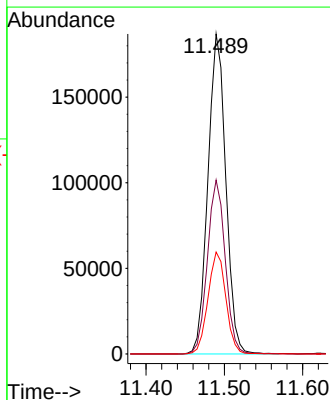
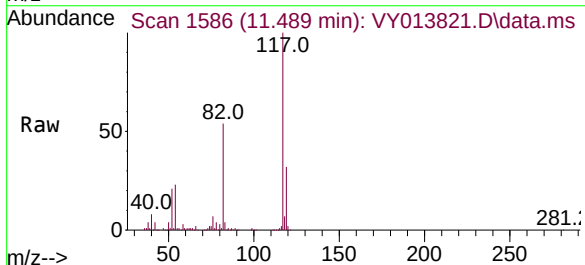
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

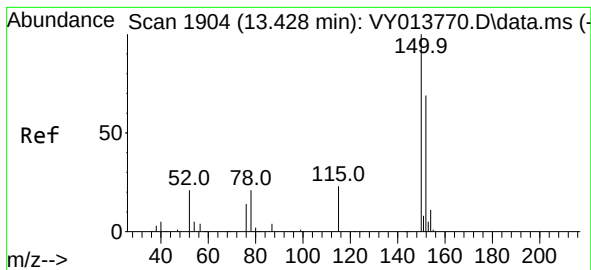
Tgt Ion: 95 Resp: 120718
Ion Ratio Lower Upper
95 100
174 92.9 0.0 168.8
176 89.0 0.0 165.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013821.D
Acq: 19 May 2023 15:13

Tgt Ion: 117 Resp: 296427
Ion Ratio Lower Upper
117 100
82 54.3 45.5 68.3
119 31.9 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013821.D

Acq: 19 May 2023 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

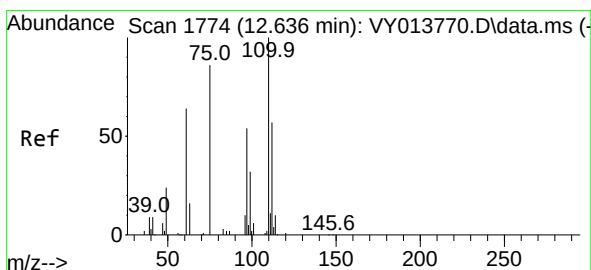
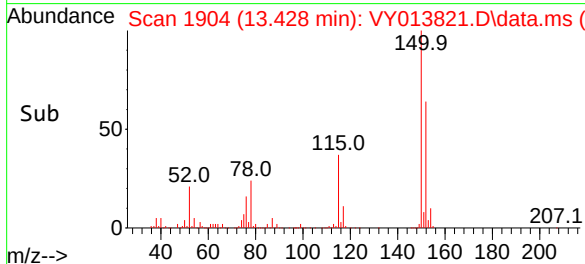
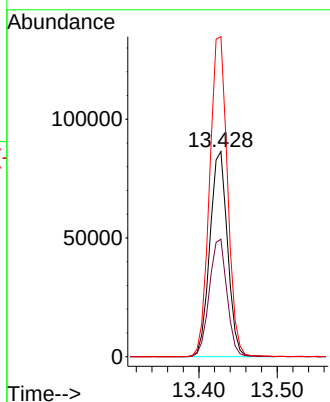
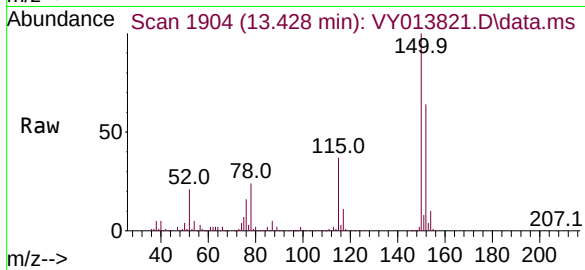
Tgt Ion:152 Resp: 135295

Ion Ratio Lower Upper

152 100

115 57.2 28.5 85.5

150 157.8 0.0 347.0



#76

1,2,3-Trichloropropane

Concen: 40.712 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY013821.D

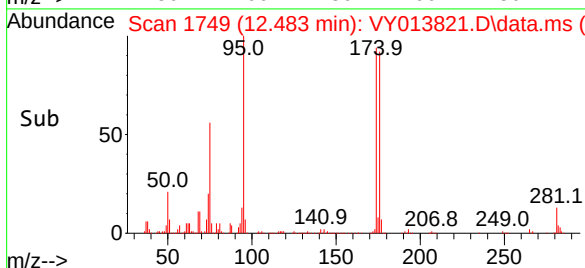
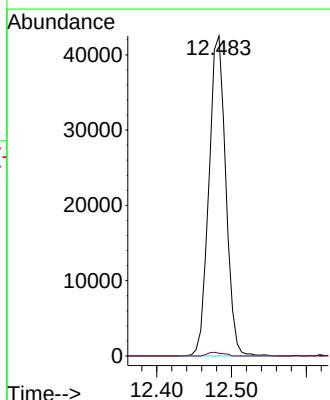
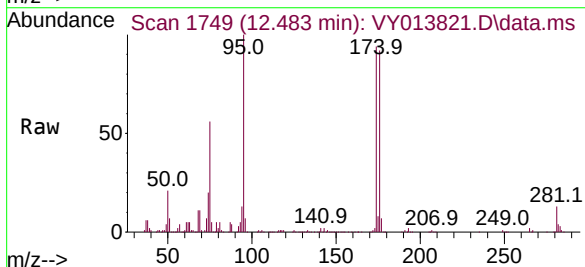
Acq: 19 May 2023 15:13

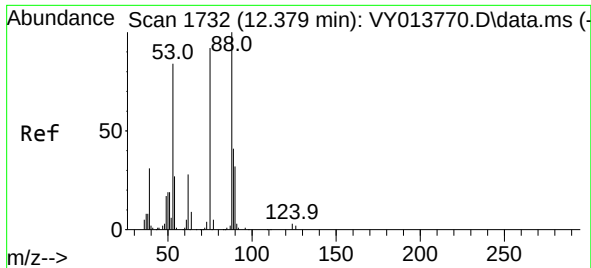
Tgt Ion: 75 Resp: 66663

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.640 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013821.D
 Acq: 19 May 2023 15:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 66663
 Ion Ratio Lower Upper
 75 100
 53 0.3 75.3 112.9#
 89 0.2 35.4 53.2#

