

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012852.D
 Acq On : 07 Mar 2023 18:05
 Operator : KP/MD
 Sample : 01820-03RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-4-03032023

Quant Time: Mar 07 23:45:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

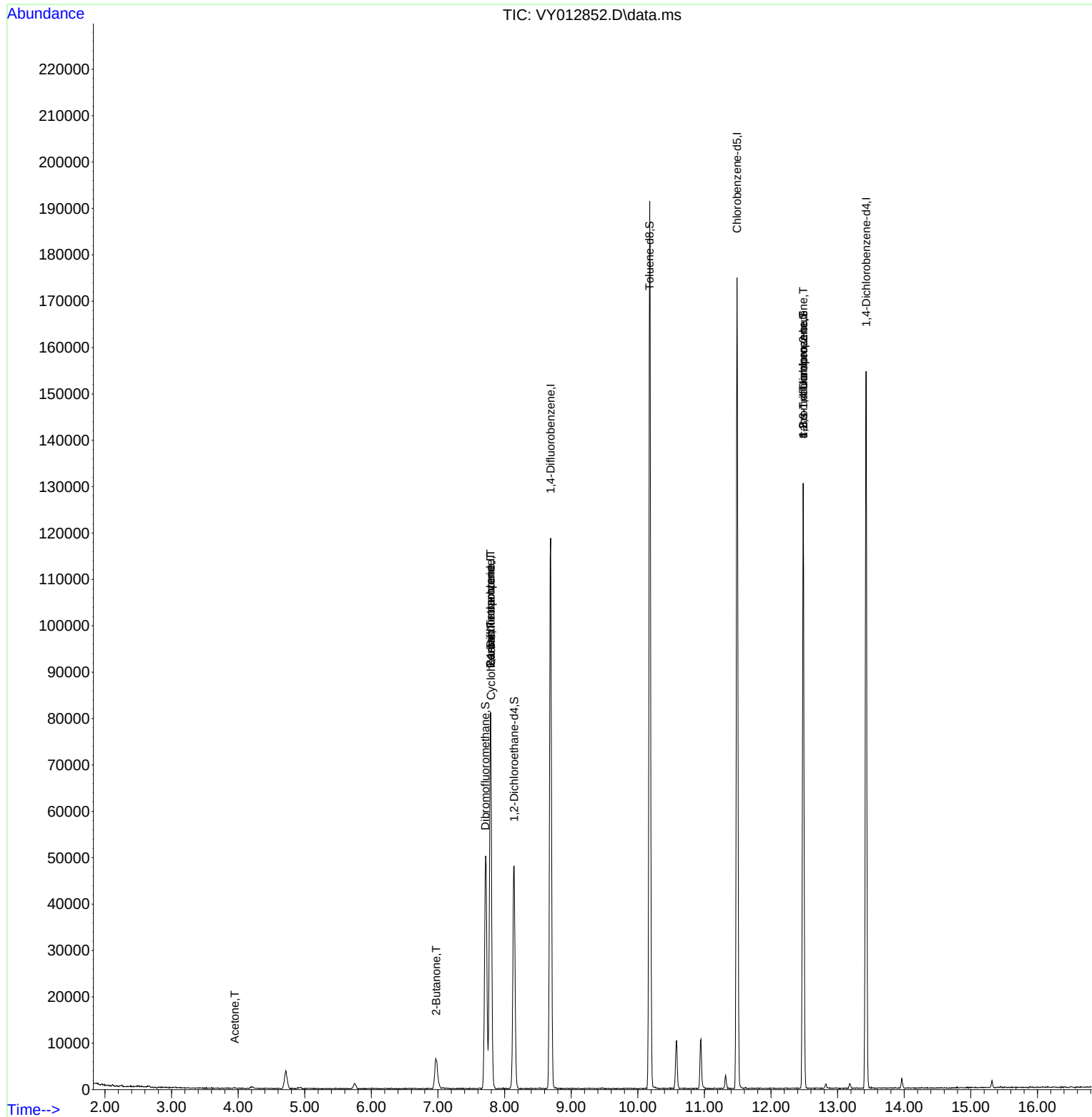
Internal Standards						
1) Pentafluorobenzene	7.789	168	63175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	101767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	93522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	40254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	38305	61.069	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 122.140%		
35) Dibromofluoromethane	7.710	113	35662	58.066	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 116.140%		
50) Toluene-d8	10.179	98	124942	55.647	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 111.300%		
62) 4-Bromofluorobenzene	12.483	95	34775	45.888	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 91.780%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	377	Below Cal	#	74
16) Acetone	3.948	43	353	1.434	ug/l #	44
20) Methylene Chloride	4.716	84	2872	Below Cal	#	86
25) 2-Butanone	6.972	43	440	1.443	ug/l #	49
31) Cyclohexane	7.795	56	1380	1.149	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5004	4.862	ug/l #	49
38) Carbon Tetrachloride	7.789	117	6146	5.783	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	18228	37.920	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	18228	78.571	ug/l #	13

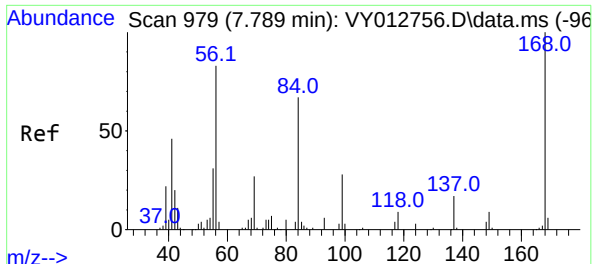
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
Data File : VY012852.D
Acq On : 07 Mar 2023 18:05
Operator : KP/MD
Sample : 01820-03RE
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023

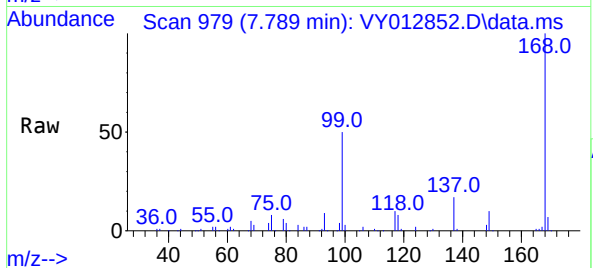
Quant Time: Mar 07 23:45:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration



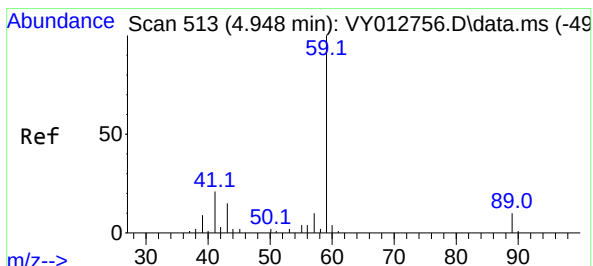
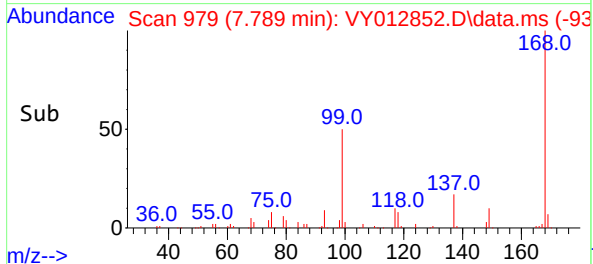
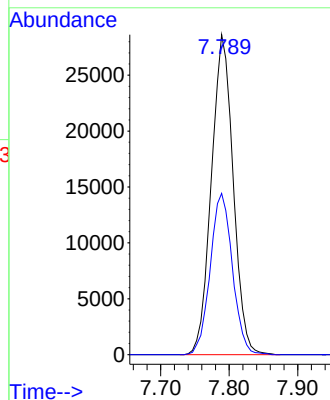


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012852.D
Acq: 07 Mar 2023 18:05

Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023

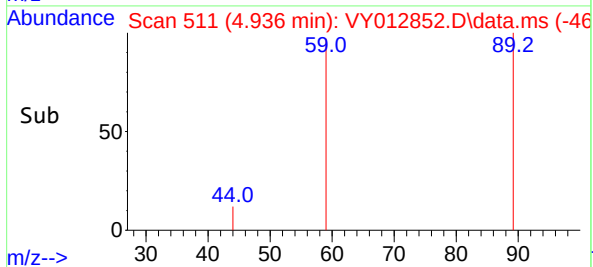
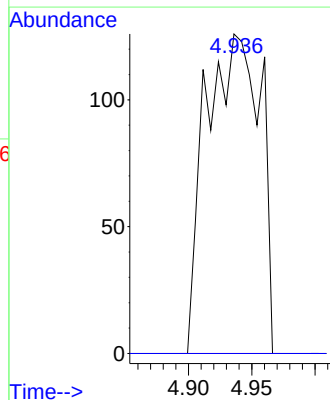
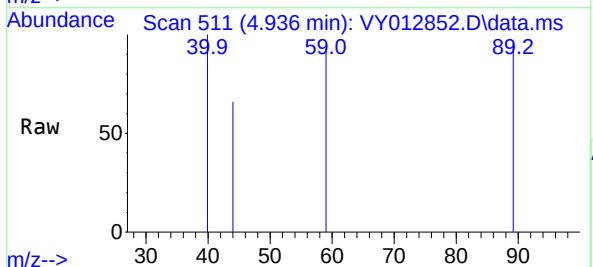


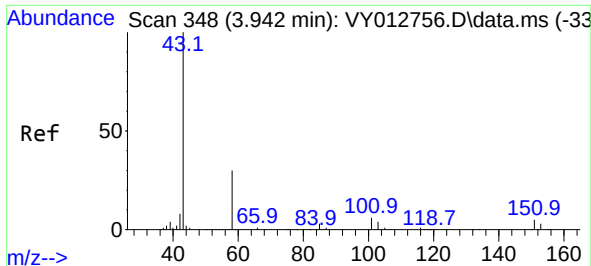
Tgt Ion:168 Resp: 63175
Ion Ratio Lower Upper
168 100
99 50.4 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012852.D
Acq: 07 Mar 2023 18:05

Tgt Ion: 59 Resp: 377
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

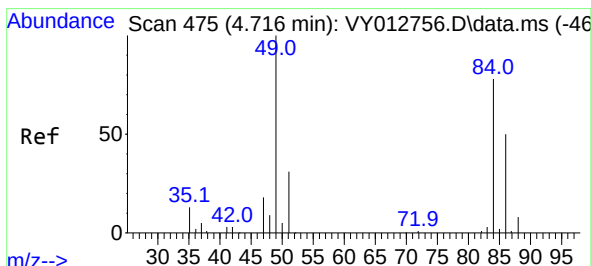
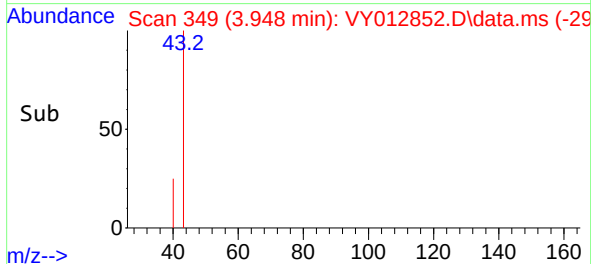
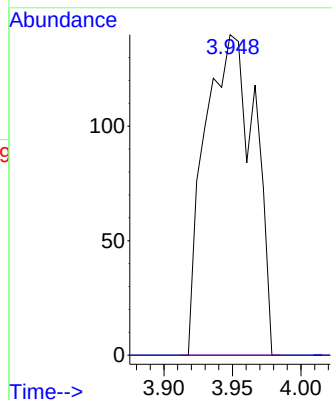
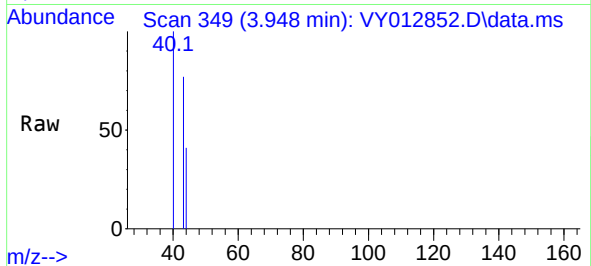




#16
Acetone
Concen: 1.434 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012852.D
Acq: 07 Mar 2023 18:05

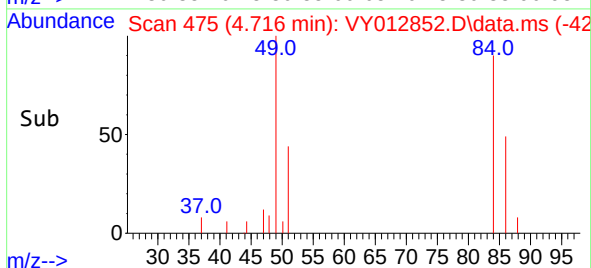
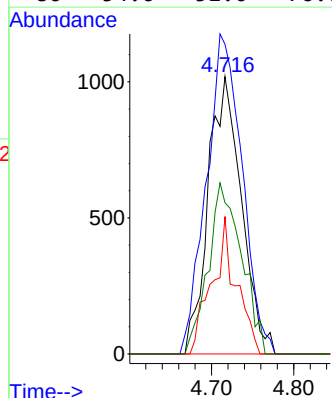
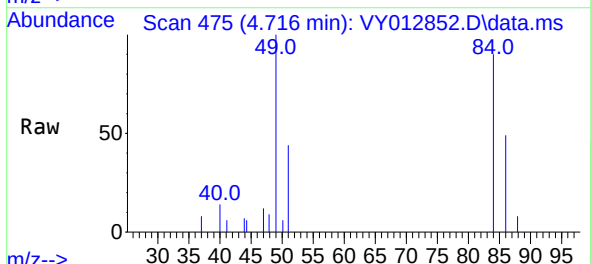
Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023

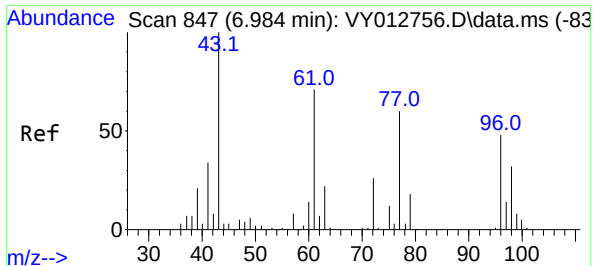
Tgt Ion: 43 Resp: 353
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012852.D
Acq: 07 Mar 2023 18:05

Tgt Ion: 84 Resp: 2872
Ion Ratio Lower Upper
84 100
49 111.7 102.6 154.0
51 49.6 31.9 47.9#
86 54.6 51.0 76.6





#25

2-Butanone

Concen: 1.443 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY012852.D

Acq: 07 Mar 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

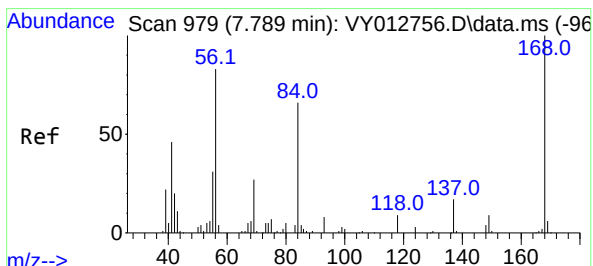
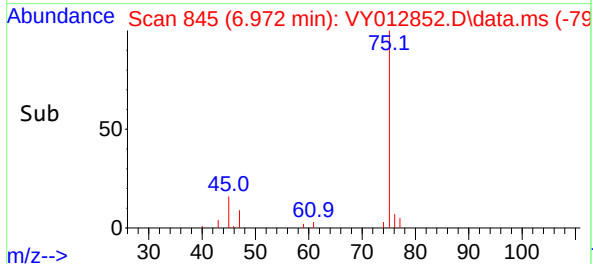
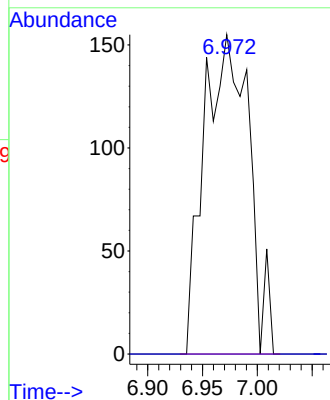
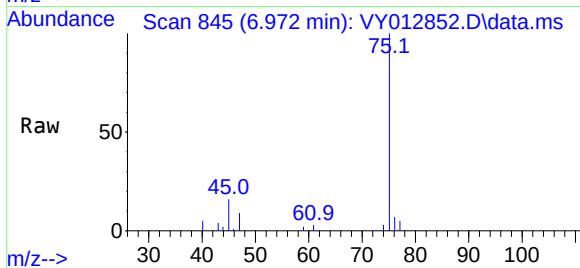
HR-4-03032023

Tgt Ion: 43 Resp: 440

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



#31

Cyclohexane

Concen: 1.149 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY012852.D

Acq: 07 Mar 2023 18:05

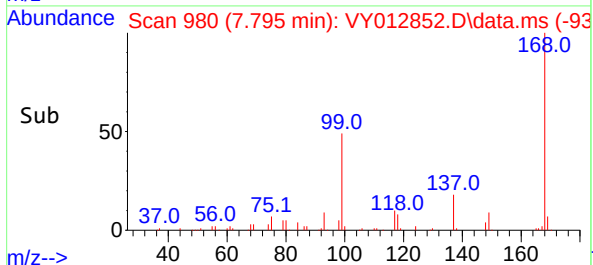
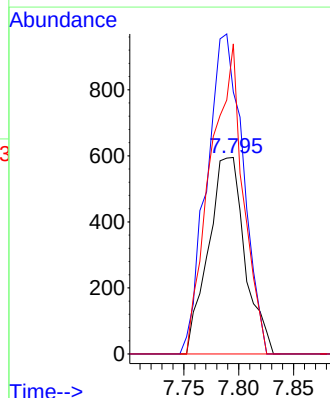
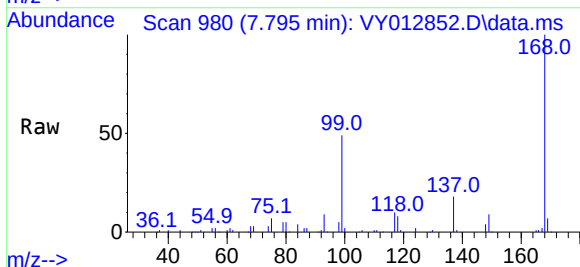
Tgt Ion: 56 Resp: 1380

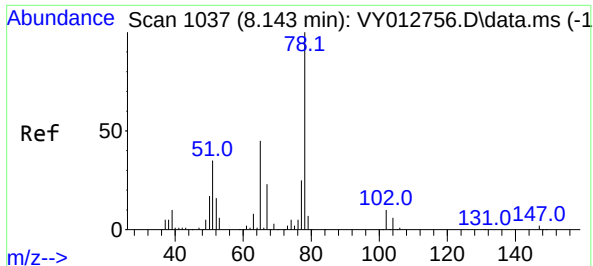
Ion Ratio Lower Upper

56 100

69 133.3 25.7 38.5#

84 157.8 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 61.069 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012852.D

Acq: 07 Mar 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

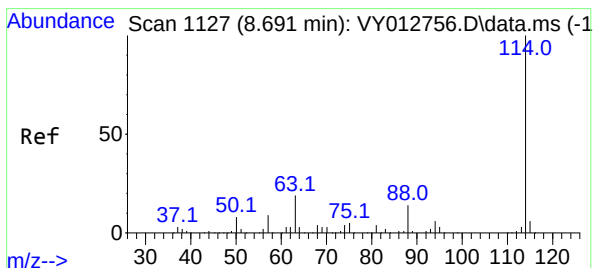
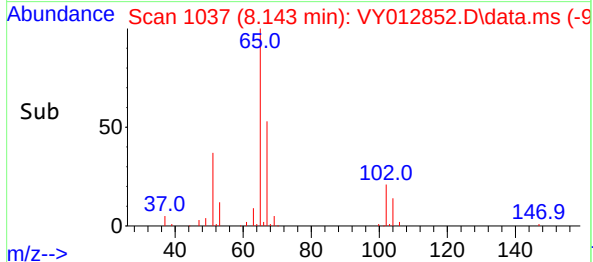
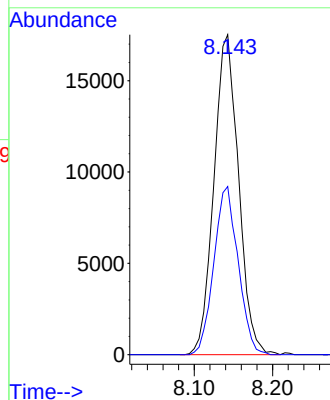
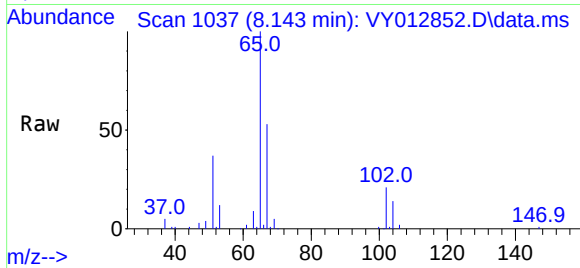
HR-4-03032023

Tgt Ion: 65 Resp: 38305

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012852.D

Acq: 07 Mar 2023 18:05

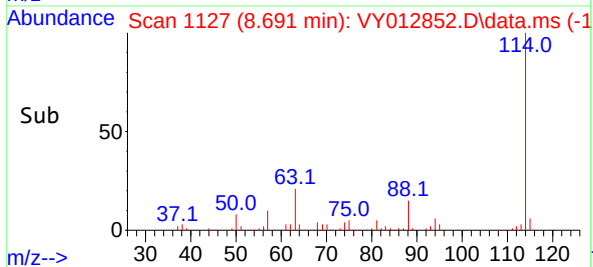
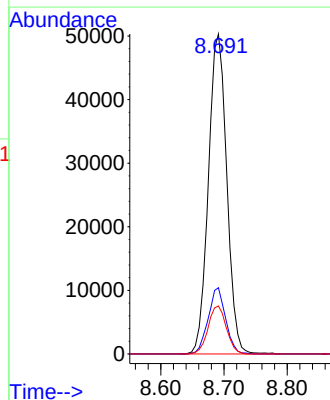
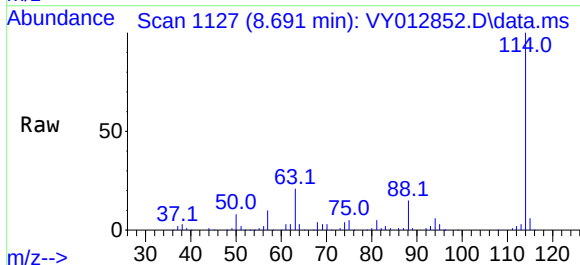
Tgt Ion: 114 Resp: 101767

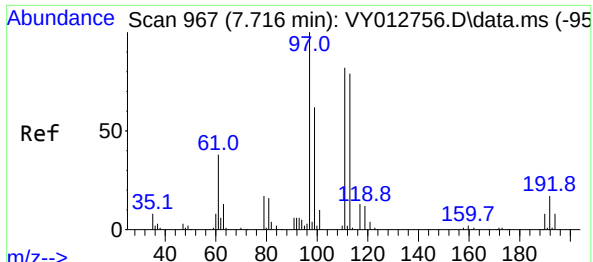
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

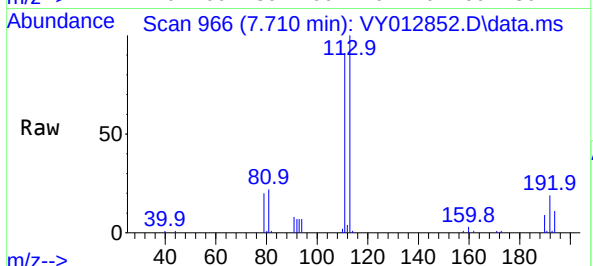
88 15.0 0.0 28.6



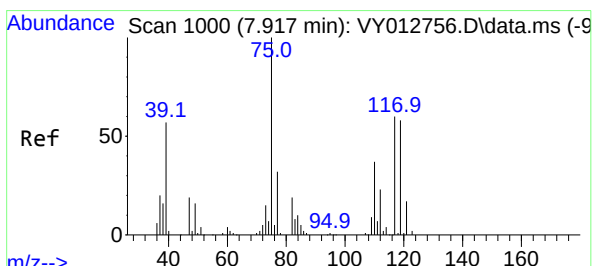
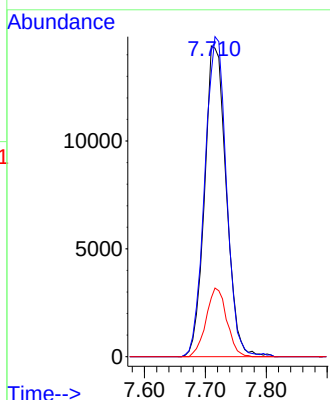
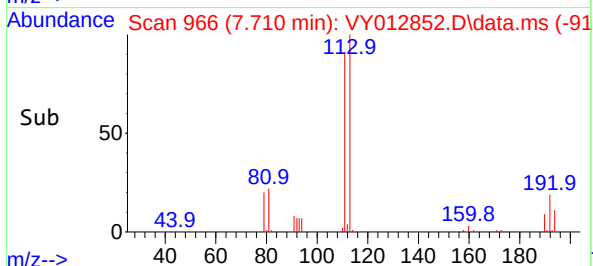


#35
Dibromofluoromethane
Concen: 58.066 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY012852.D
Acq: 07 Mar 2023 18:05

Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023

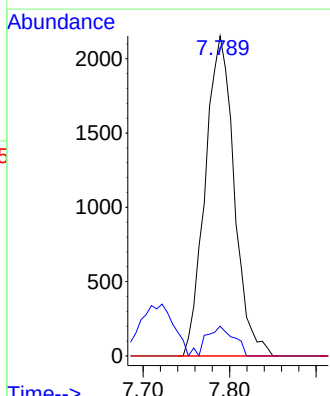
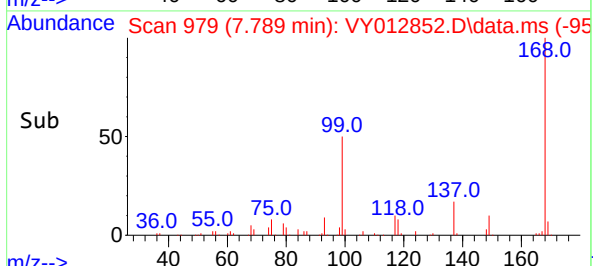
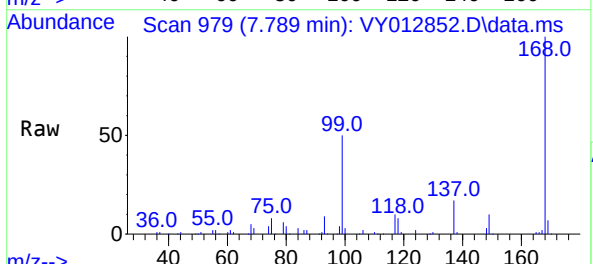


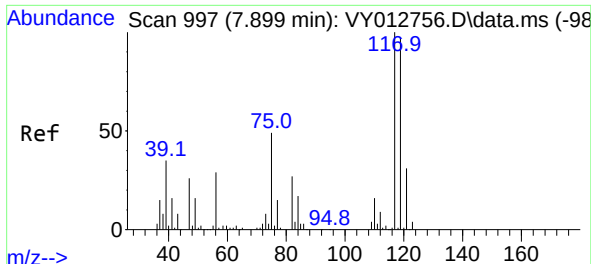
Tgt Ion:113 Resp: 35662
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 21.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.862 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012852.D
Acq: 07 Mar 2023 18:05

Tgt Ion: 75 Resp: 5004
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.3#
77 0.0 25.0 37.4#

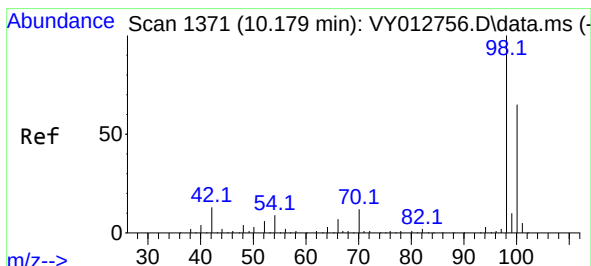
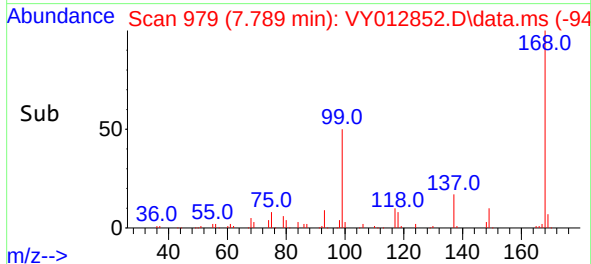
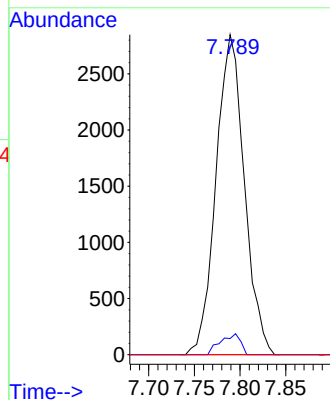
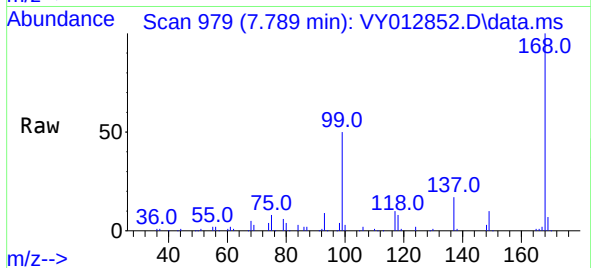




#38
Carbon Tetrachloride
Concen: 5.783 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012852.D
Acq: 07 Mar 2023 18:05

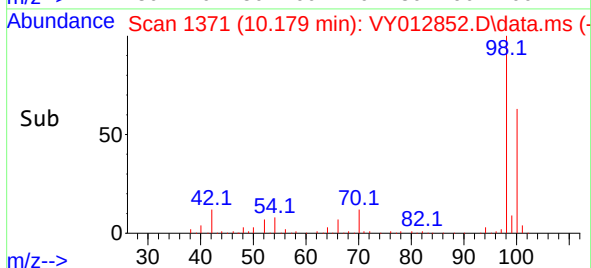
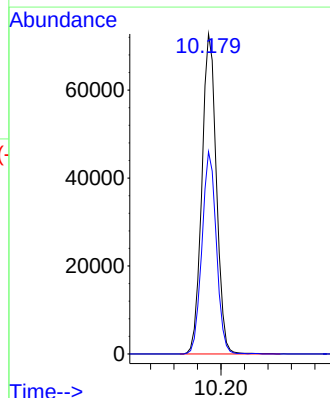
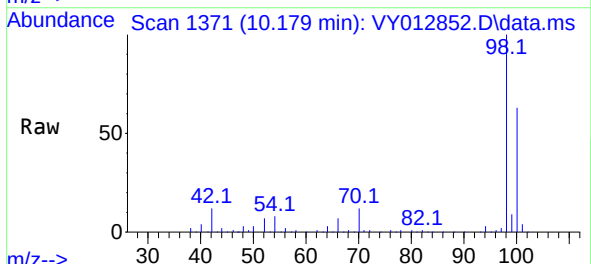
Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023

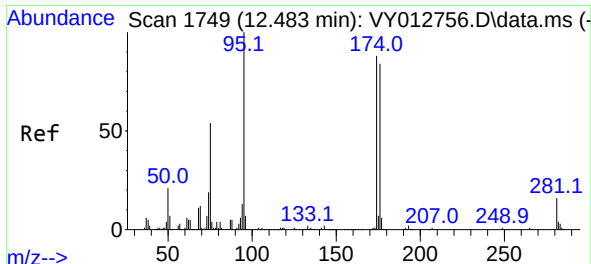
Tgt Ion:117 Resp: 6146
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.647 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012852.D
Acq: 07 Mar 2023 18:05

Tgt Ion: 98 Resp: 124942
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3

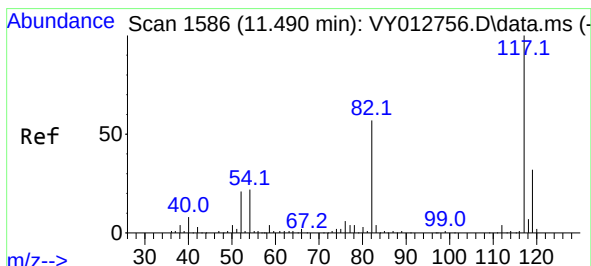
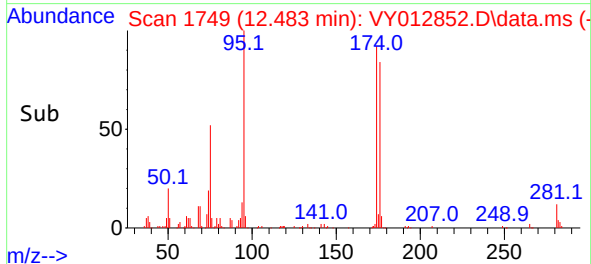
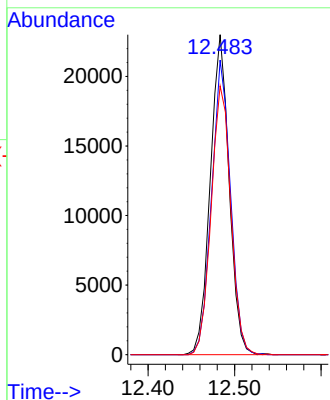
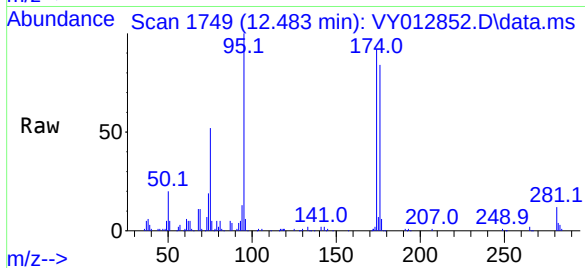




#62
4-Bromofluorobenzene
Concen: 45.888 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012852.D
Acq: 07 Mar 2023 18:05

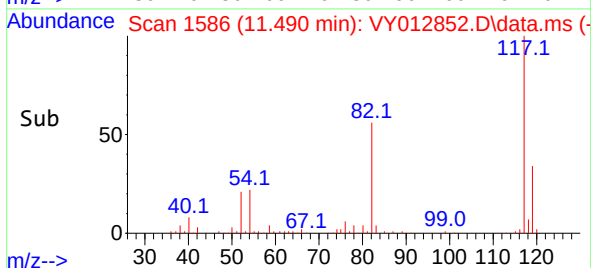
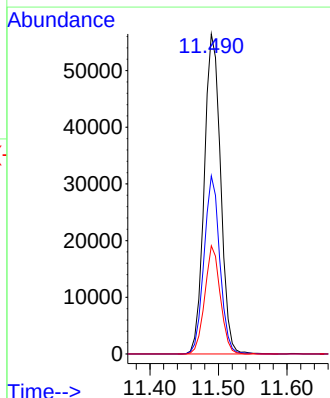
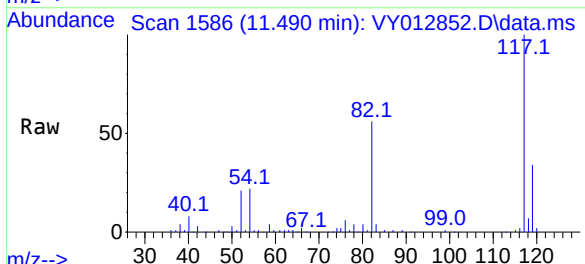
Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023

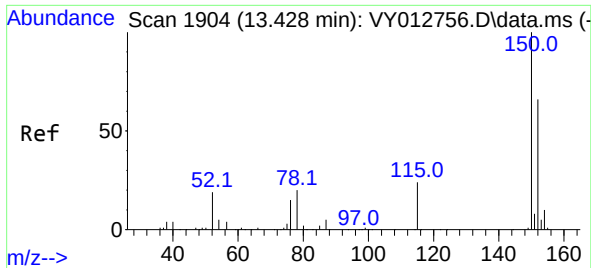
Tgt Ion:	95	Resp:	34775
Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	176.6
176	87.6	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012852.D
Acq: 07 Mar 2023 18:05

Tgt Ion:	117	Resp:	93522
Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.4	68.0
119	33.8	25.6	38.4

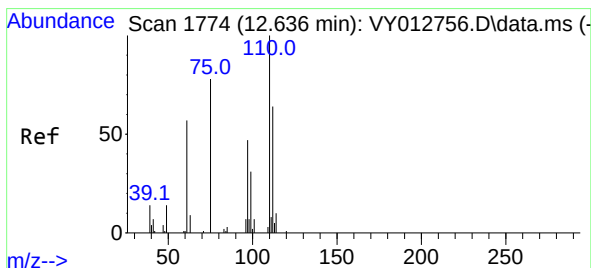
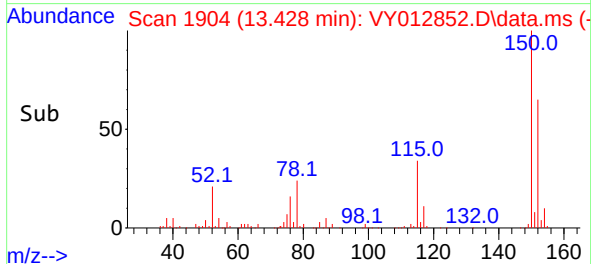
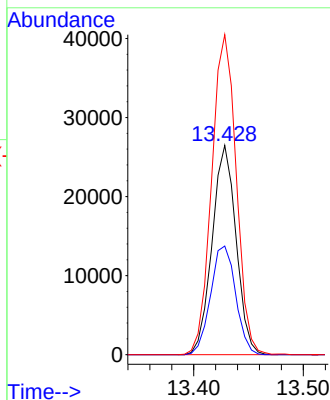
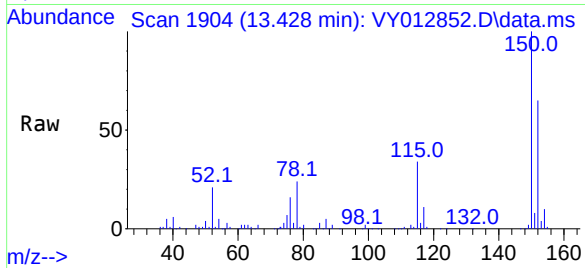




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012852.D
 Acq: 07 Mar 2023 18:05

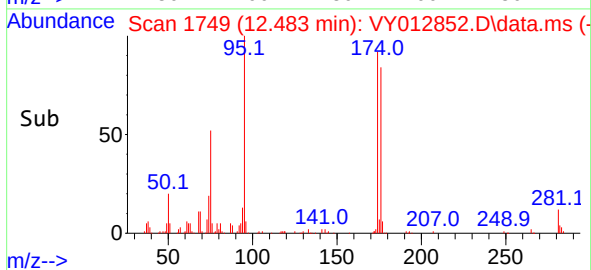
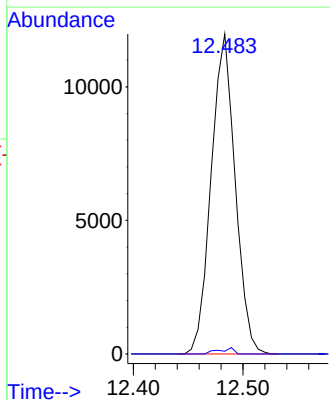
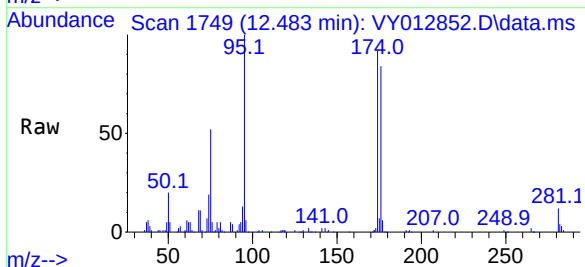
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-4-03032023

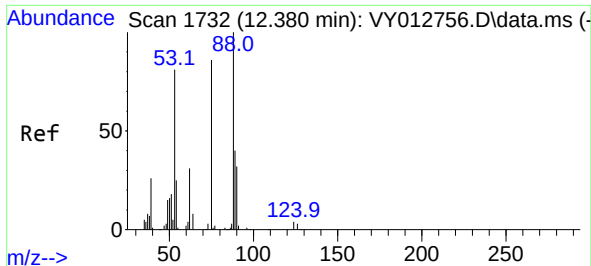
Tgt Ion:152 Resp: 40254
 Ion Ratio Lower Upper
 152 100
 115 54.3 27.1 81.3
 150 156.8 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 37.920 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY012852.D
 Acq: 07 Mar 2023 18:05

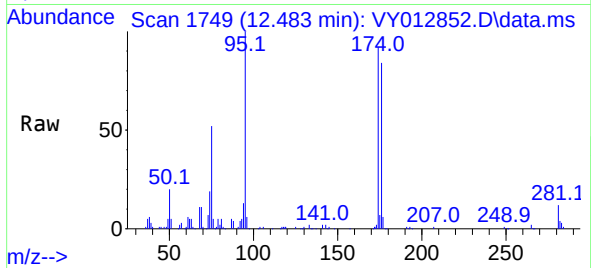
Tgt Ion: 75 Resp: 18228
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.571 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY012852.D
Acq: 07 Mar 2023 18:05

Instrument :
MSVOA_Y
ClientSampleId :
HR-4-03032023



Tgt Ion: 75 Resp: 18228
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

