

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008544.D
 Acq On : 28 Apr 2022 13:49
 Operator : KP/MD
 Sample : N2572-04RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-14DRE

Quant Time: Apr 29 02:00:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

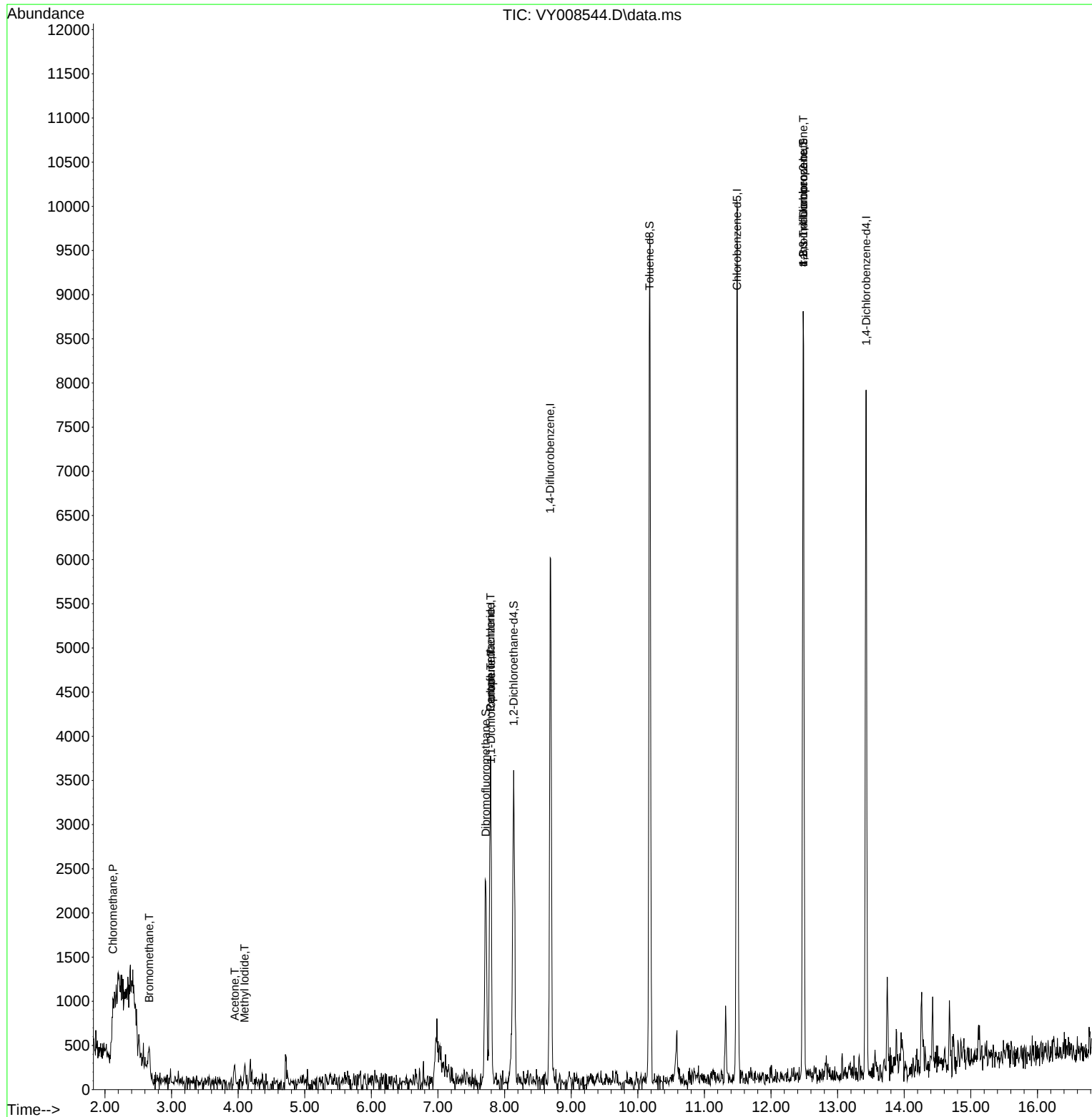
Internal Standards						
1) Pentafluorobenzene	7.789	168	3239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	5731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2375	62.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.640%	
35) Dibromofluoromethane	7.716	113	1765	47.720	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.440%	
50) Toluene-d8	10.179	98	6820	46.431	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.860%	
62) 4-Bromofluorobenzene	12.483	95	2355	47.285	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	147	3.176	ug/l #	44
5) Bromomethane	2.662	94	209	3.737	ug/l	93
10) Methyl Iodide	4.094	142	293	7.485	ug/l #	35
16) Acetone	3.948	43	366	41.231	ug/l #	47
20) Methylene Chloride	4.716	84	69	Below Cal	#	1
36) 1,1-Dichloropropene	7.795	75	247	4.198	ug/l #	42
38) Carbon Tetrachloride	7.789	117	214	3.501	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	1251	40.770	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1251	94.581	ug/l #	7

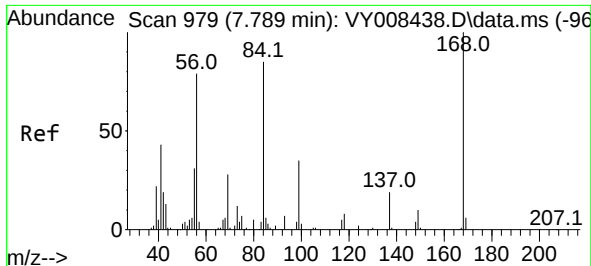
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
Data File : VY008544.D
Acq On : 28 Apr 2022 13:49
Operator : KP/MD
Sample : N2572-04RE
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-14DRE

Quant Time: Apr 29 02:00:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 2022
Response via : Initial Calibration

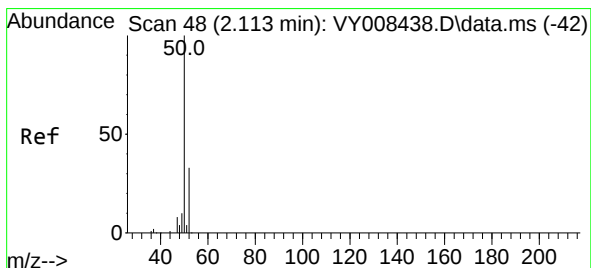
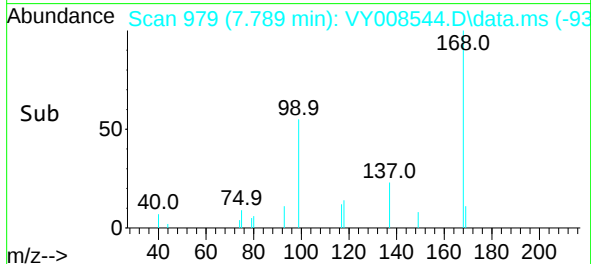
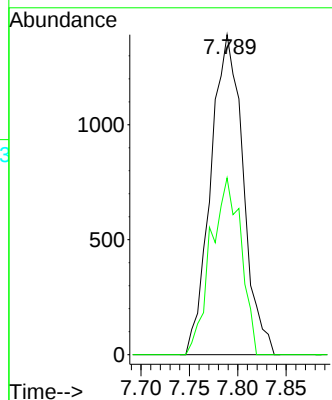
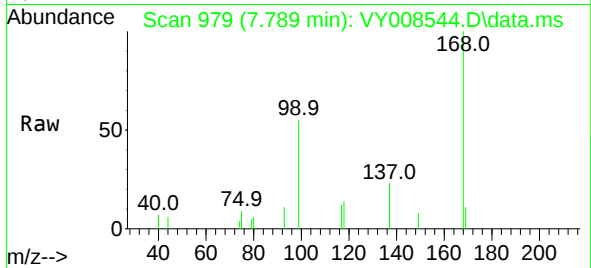




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008544.D
Acq: 28 Apr 2022 13:49

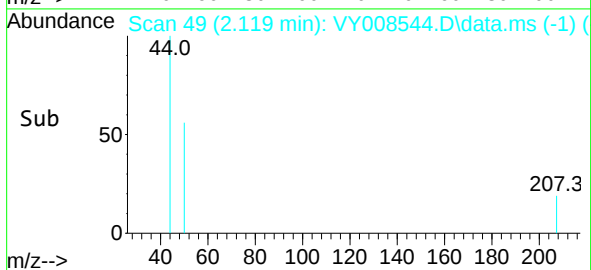
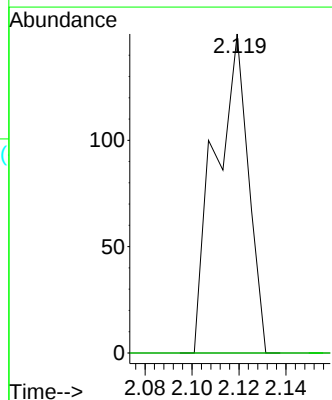
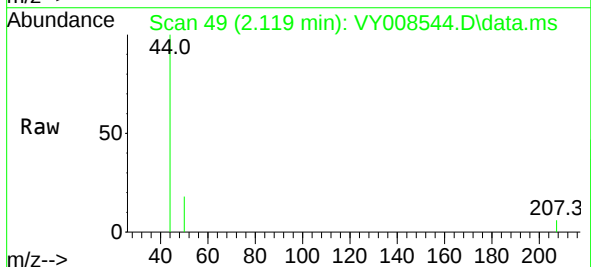
Instrument :
MSVOA_Y
ClientSampleId :
MH-14DRE

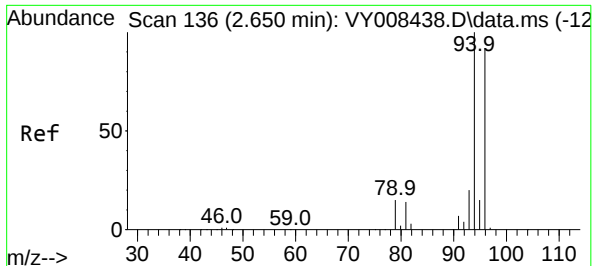
Tgt Ion:168 Resp: 3239
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#3
Chloromethane
Concen: 3.176 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008544.D
Acq: 28 Apr 2022 13:49

Tgt Ion: 50 Resp: 147
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0

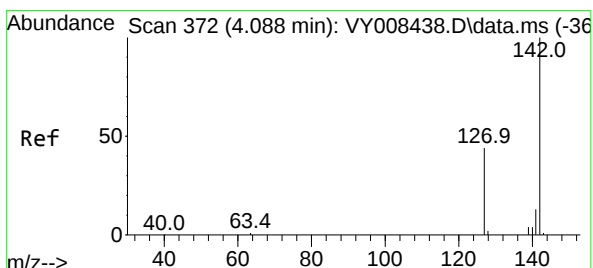
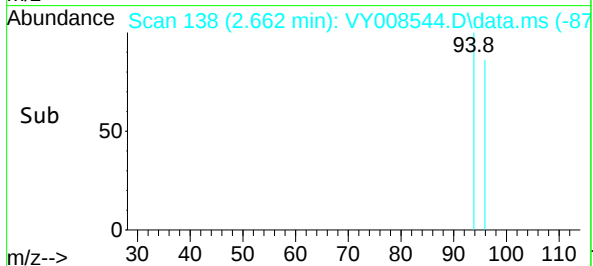
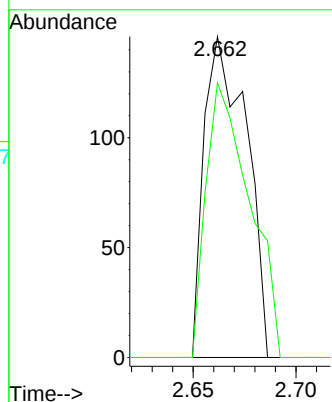
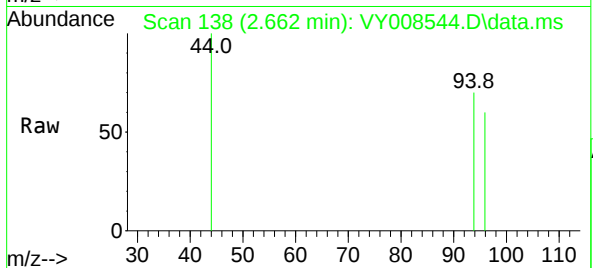




#5
Bromomethane
Concen: 3.737 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY008544.D
Acq: 28 Apr 2022 13:49

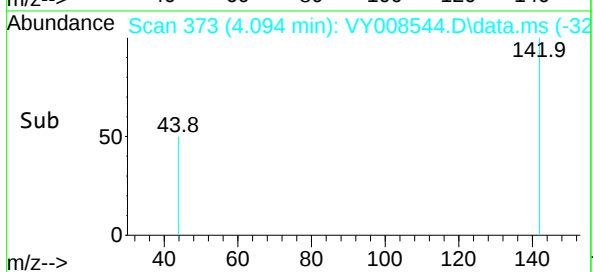
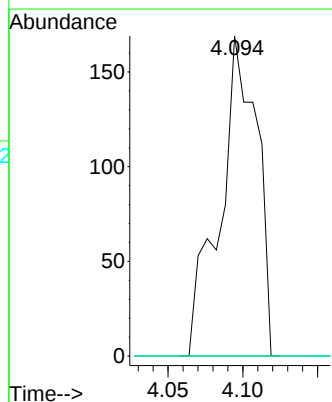
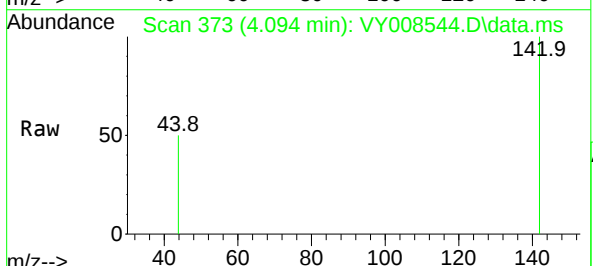
Instrument :
MSVOA_Y
ClientSampleId :
MH-14DRE

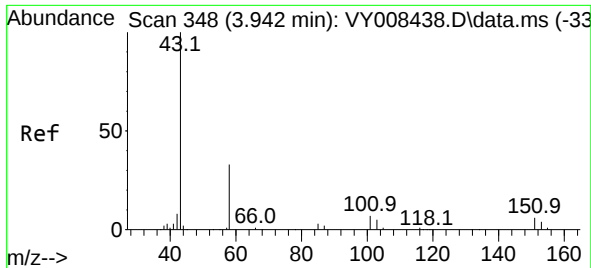
Tgt Ion: 94 Resp: 209
Ion Ratio Lower Upper
94 100
96 85.6 73.5 110.3



#10
Methyl Iodide
Concen: 7.485 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008544.D
Acq: 28 Apr 2022 13:49

Tgt Ion:142 Resp: 293
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

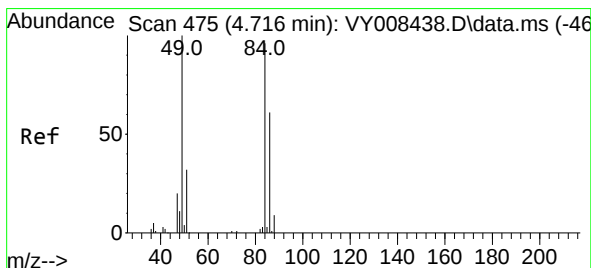
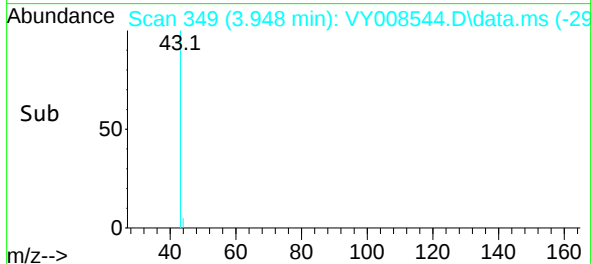
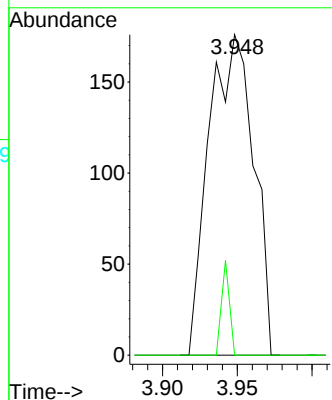
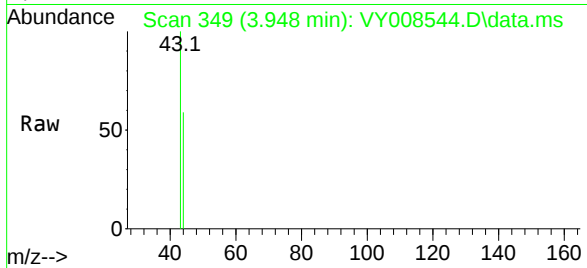




#16
Acetone
Concen: 41.231 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY008544.D
Acq: 28 Apr 2022 13:49

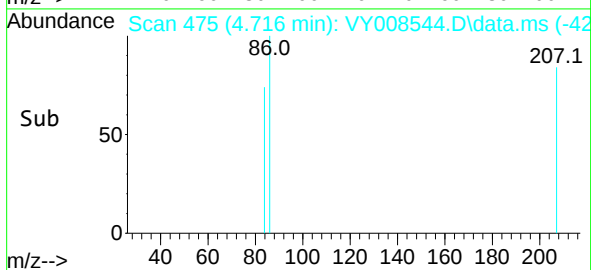
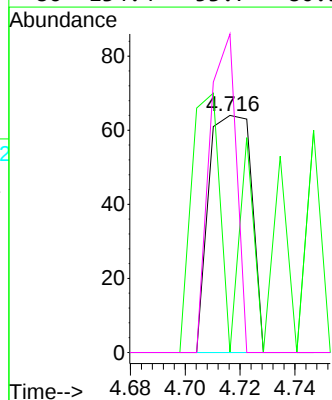
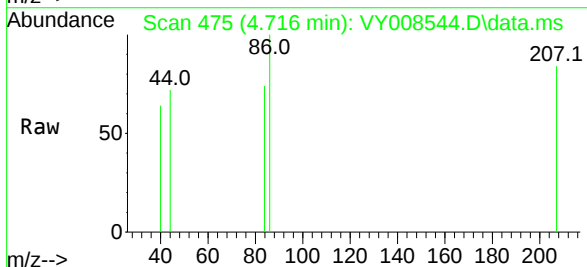
Instrument :
MSVOA_Y
ClientSampleId :
MH-14DRE

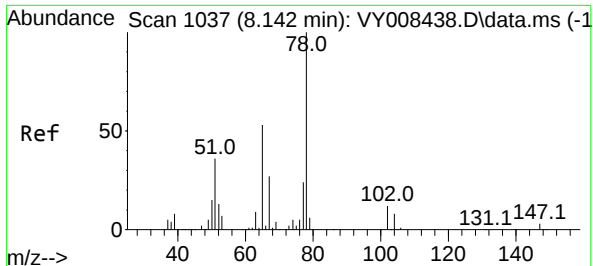
Tgt Ion: 43 Resp: 366
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008544.D
Acq: 28 Apr 2022 13:49

Tgt Ion: 84 Resp: 69
Ion Ratio Lower Upper
84 100
49 0.0 114.4 171.6#
51 0.0 35.3 52.9#
86 134.4 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 62.318 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008544.D

Acq: 28 Apr 2022 13:49

Instrument :

MSVOA_Y

ClientSampleId :

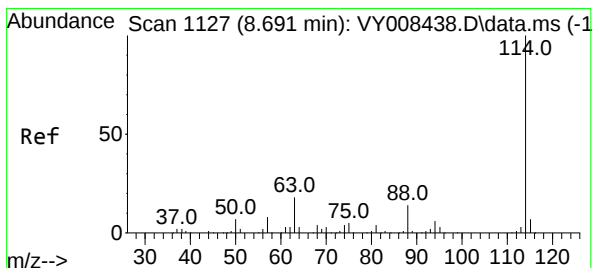
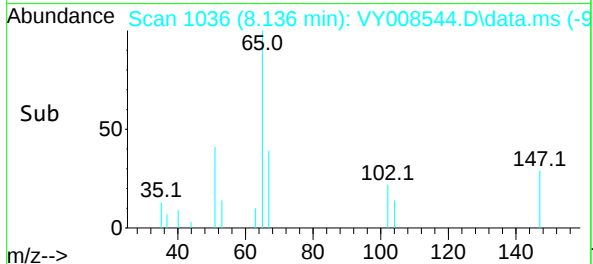
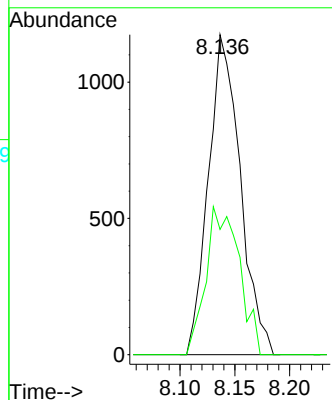
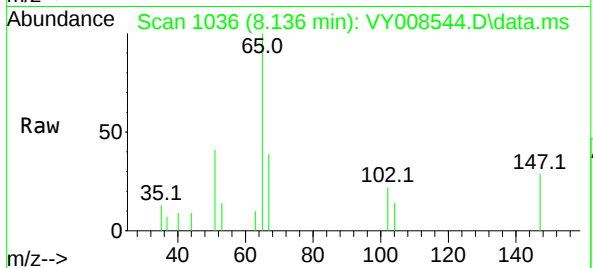
MH-14DRE

Tgt Ion: 65 Resp: 2375

Ion Ratio Lower Upper

65 100

67 48.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008544.D

Acq: 28 Apr 2022 13:49

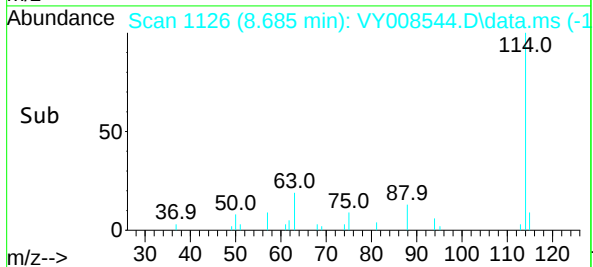
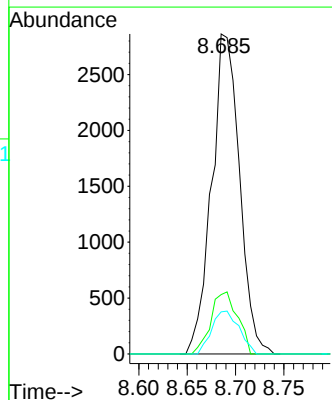
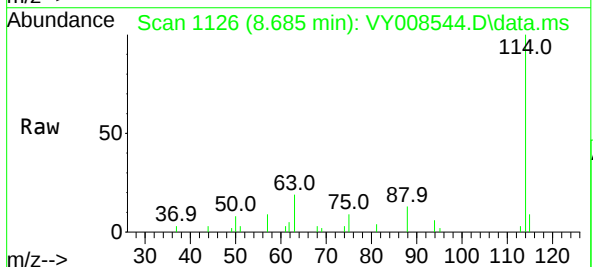
Tgt Ion: 114 Resp: 5731

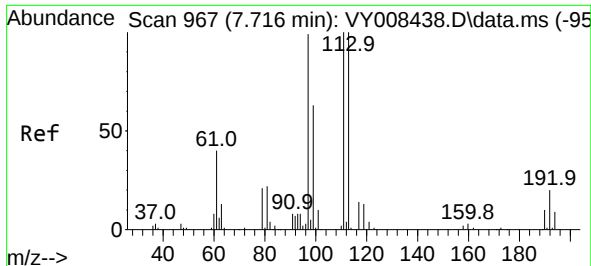
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.1 0.0 31.8

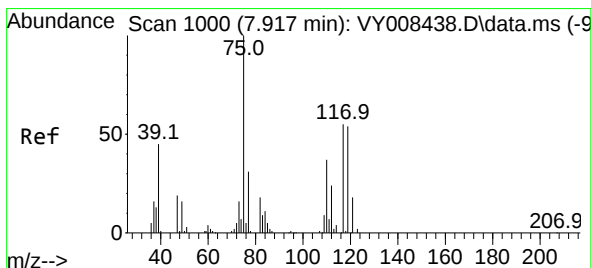
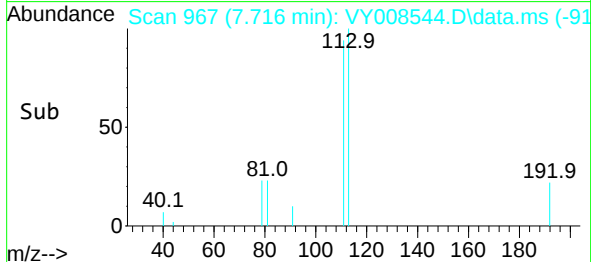
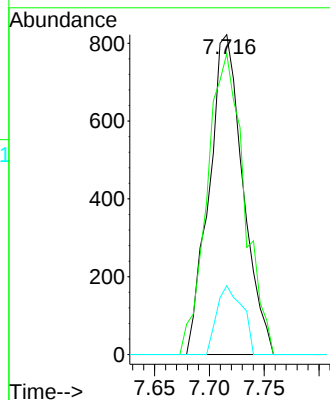
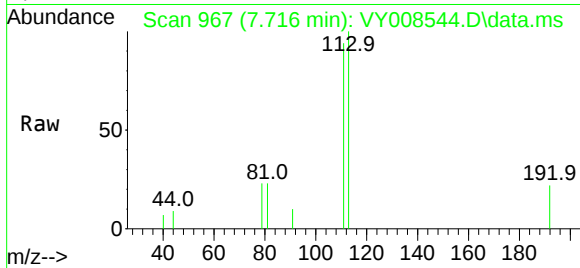




#35
 Dibromofluoromethane
 Concen: 47.720 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY008544.D
 Acq: 28 Apr 2022 13:49

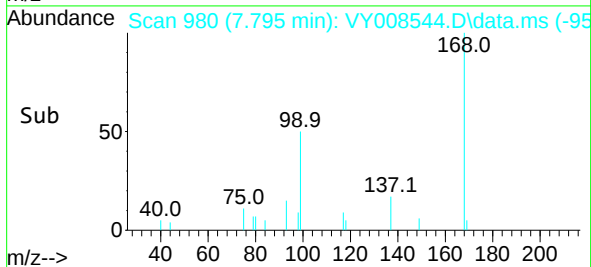
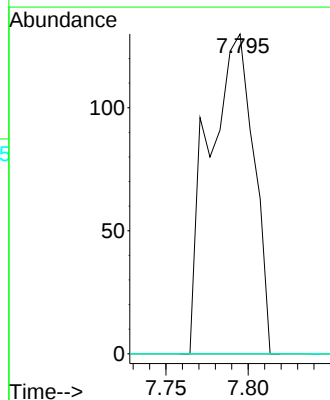
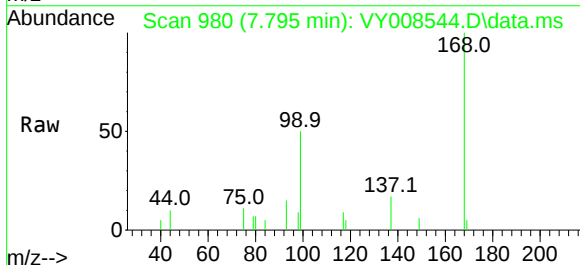
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-14DRE

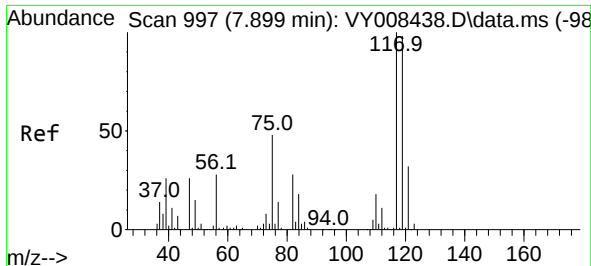
Tgt Ion:	113	Resp:	1765
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	124.0
192	16.2	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 4.198 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.122 min
 Lab File: VY008544.D
 Acq: 28 Apr 2022 13:49

Tgt Ion:	75	Resp:	247
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2
77	0.0	24.4	36.6

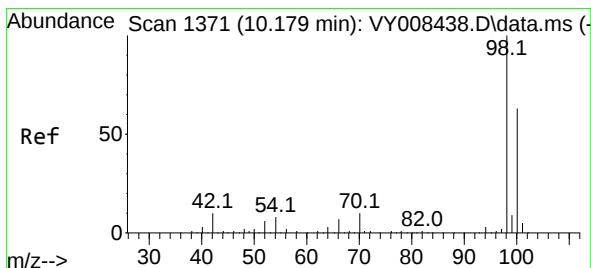
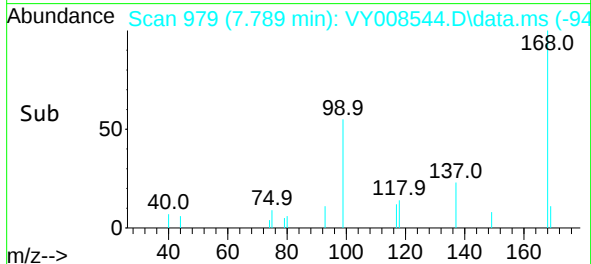
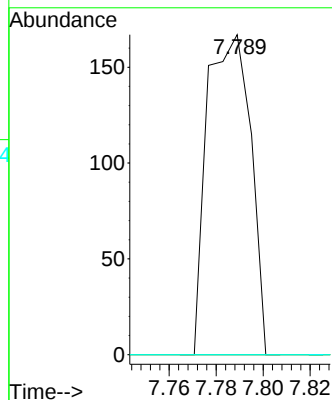
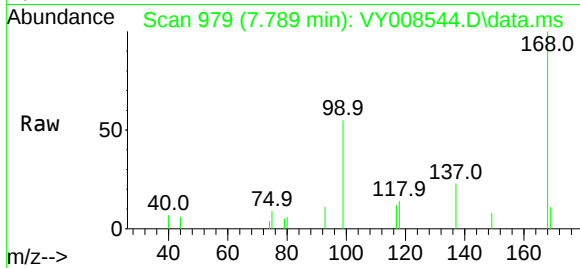




#38
Carbon Tetrachloride
Concen: 3.501 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008544.D
Acq: 28 Apr 2022 13:49

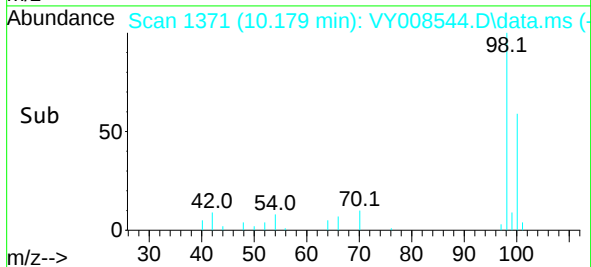
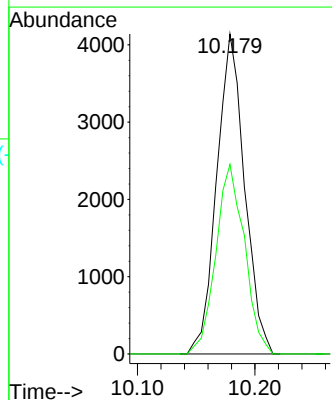
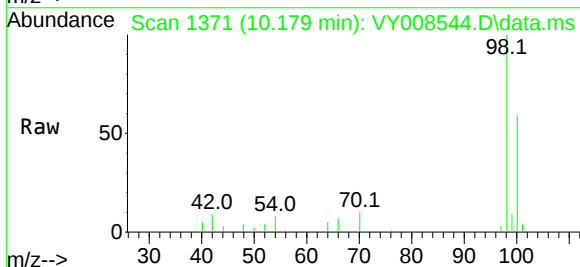
Instrument :
MSVOA_Y
ClientSampleId :
MH-14DRE

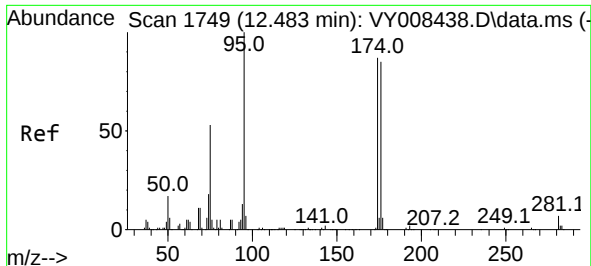
Tgt Ion:117 Resp: 214
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.431 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008544.D
Acq: 28 Apr 2022 13:49

Tgt Ion: 98 Resp: 6820
Ion Ratio Lower Upper
98 100
100 60.9 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 47.285 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008544.D

Acq: 28 Apr 2022 13:49

Instrument :

MSVOA_Y

ClientSampleId :

MH-14DRE

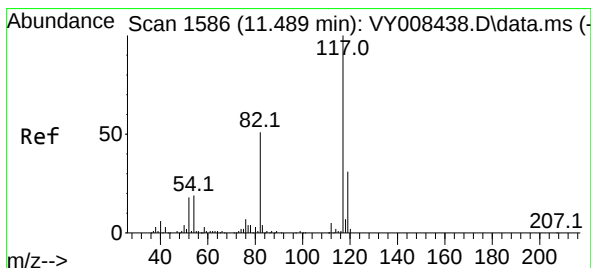
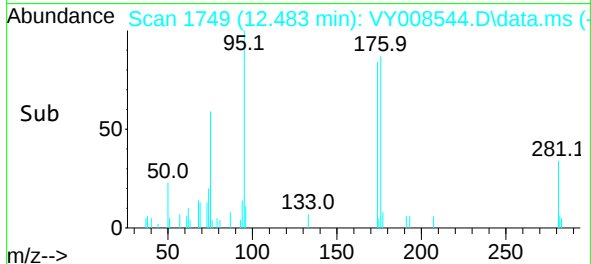
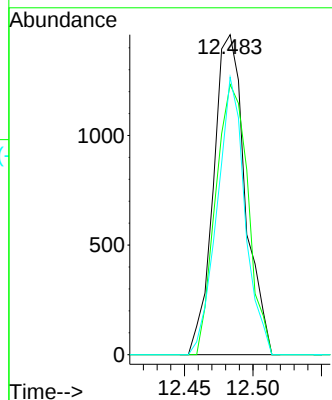
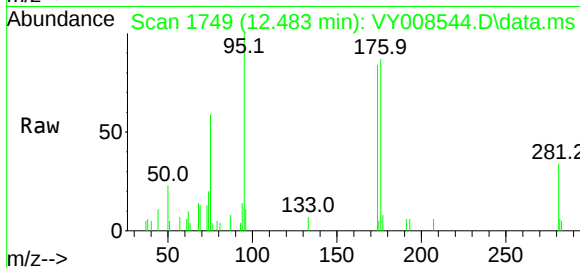
Tgt Ion: 95 Resp: 2355

Ion Ratio Lower Upper

95 100

174 85.9 0.0 177.0

176 76.3 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY008544.D

Acq: 28 Apr 2022 13:49

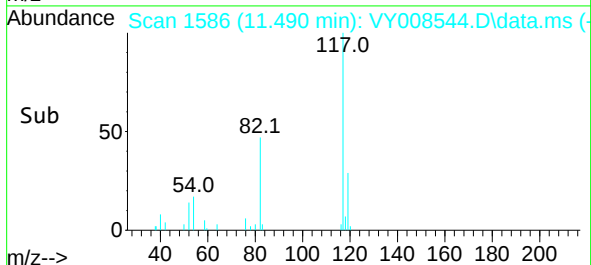
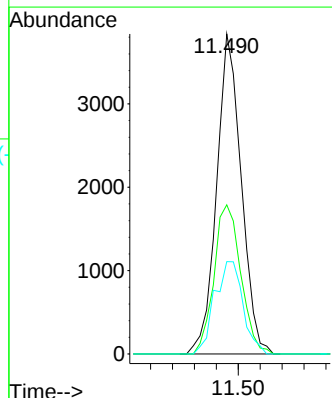
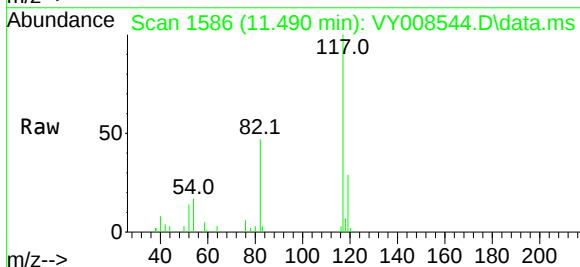
Tgt Ion: 117 Resp: 5989

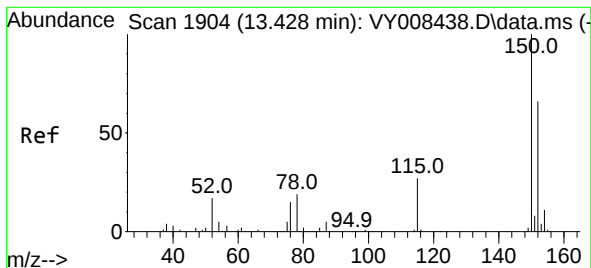
Ion Ratio Lower Upper

117 100

82 46.6 43.0 64.4

119 28.8 25.4 38.0

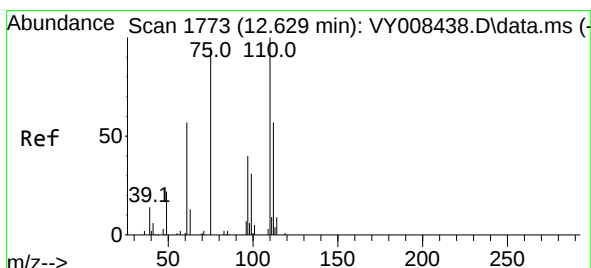
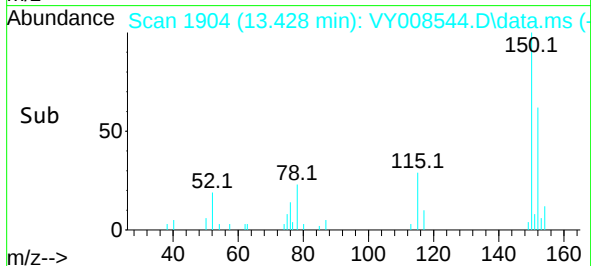
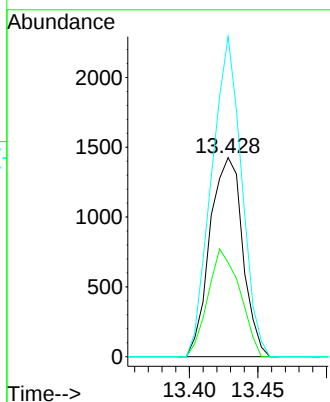
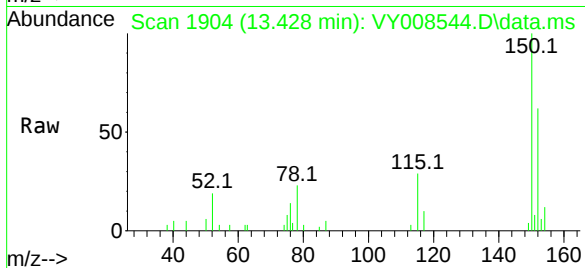




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY008544.D
 Acq: 28 Apr 2022 13:49

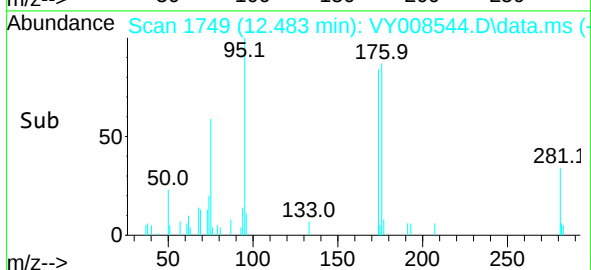
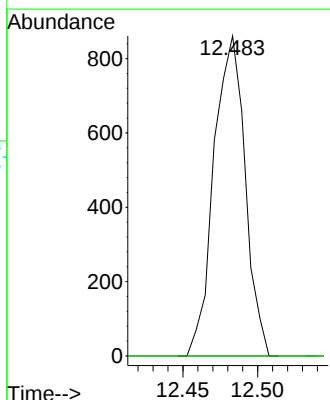
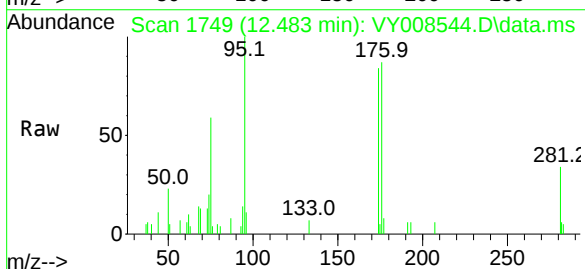
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-14DRE

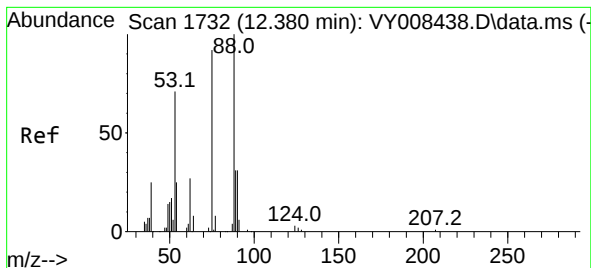
Tgt Ion:152 Resp: 2371
 Ion Ratio Lower Upper
 152 100
 115 52.6 28.2 84.7
 150 147.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.770 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008544.D
 Acq: 28 Apr 2022 13:49

Tgt Ion: 75 Resp: 1251
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.581 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008544.D
 Acq: 28 Apr 2022 13:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-14DRE

Tgt Ion: 75 Resp: 1251
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

