

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008156.D
 Acq On : 01 Apr 2022 13:20
 Operator : SY/MD
 Sample : N2202-04RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MHF

Quant Time: Apr 02 03:56:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

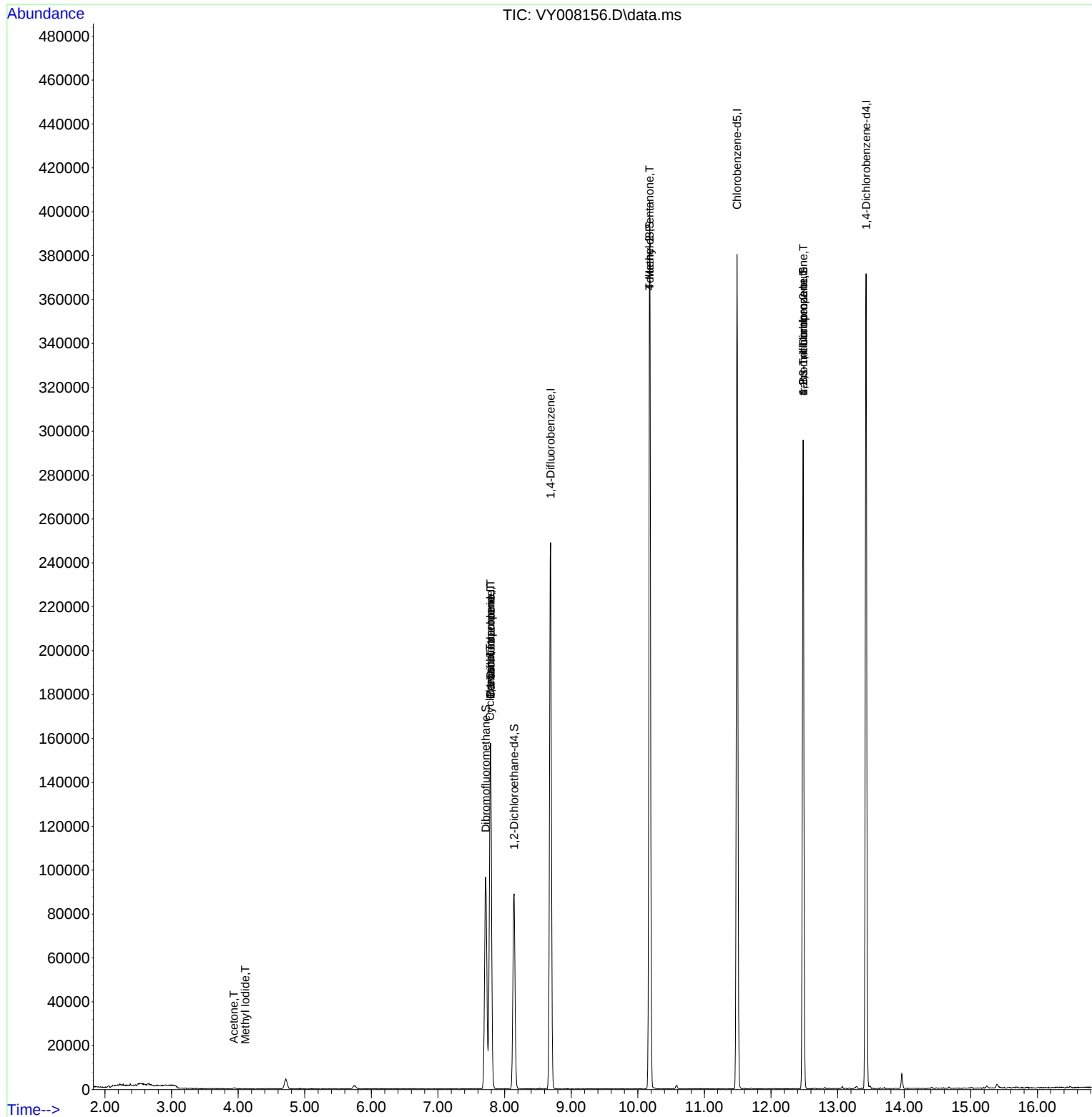
Internal Standards						
1) Pentafluorobenzene	7.789	168	121966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	212809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70658	57.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.480%
35) Dibromofluoromethane	7.716	113	70042	50.328	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.660%
50) Toluene-d8	10.179	98	267566	51.030	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.060%
62) 4-Bromofluorobenzene	12.483	95	93160	50.361	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.720%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	45	1.724	ug/l #	35
16) Acetone	3.936	43	812	2.903	ug/l #	84
18) Methyl Acetate	4.472	43	154	Below Cal	#	56
20) Methylene Chloride	4.716	84	3819	Below Cal	#	83
31) Cyclohexane	7.783	56	2528	1.105	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9354	4.279	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12952	5.437	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1042	1.031	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	47995	41.970	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47995	93.642	ug/l #	7

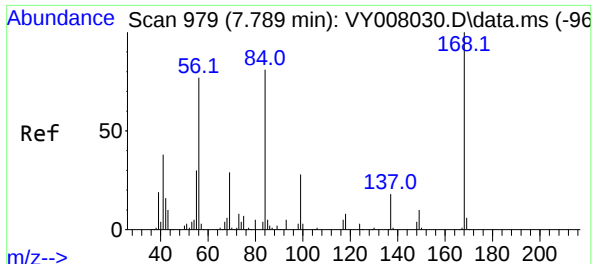
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
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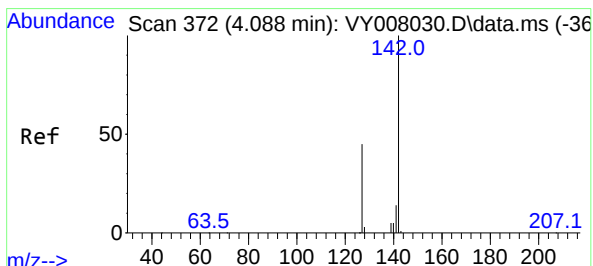
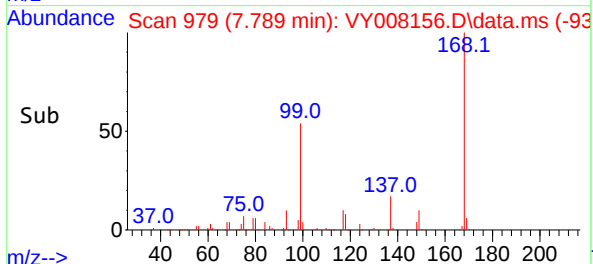
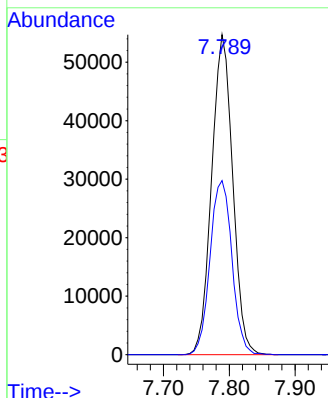
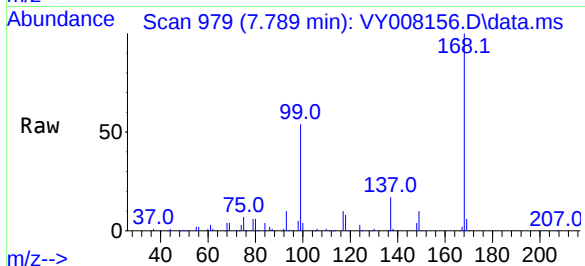




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008156.D
Acq: 01 Apr 2022 13:20

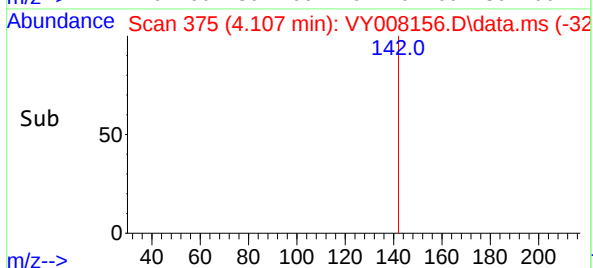
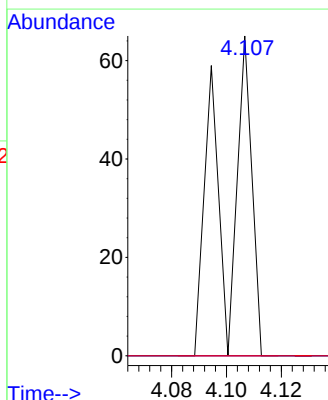
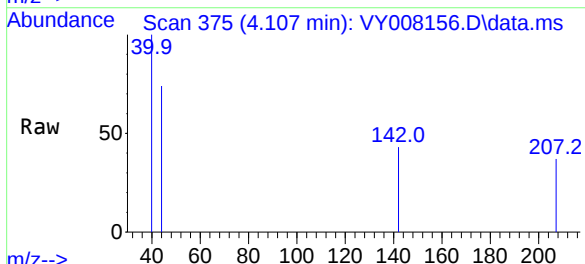
Instrument :
MSVOA_Y
ClientSampleId :
MHF

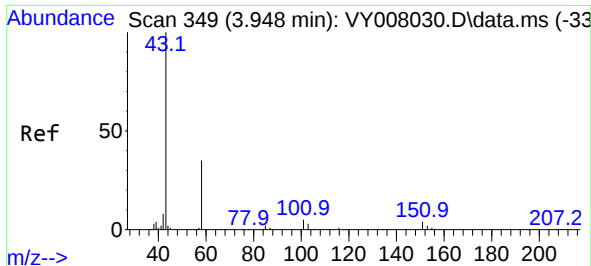
Tgt Ion:168 Resp: 121966
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#10
Methyl Iodide
Concen: 1.724 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008156.D
Acq: 01 Apr 2022 13:20

Tgt Ion:142 Resp: 45
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

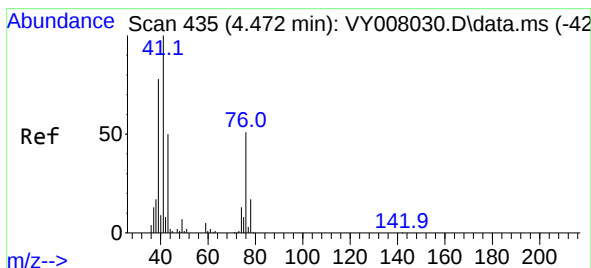
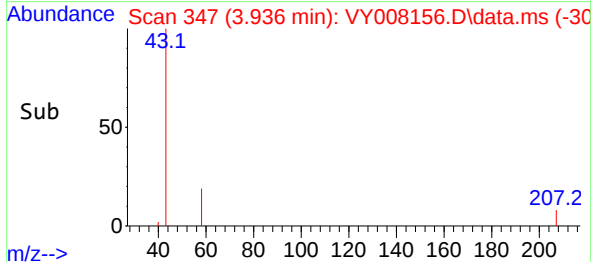
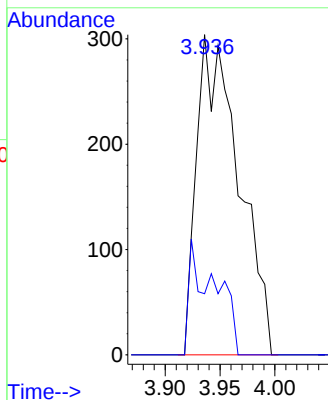
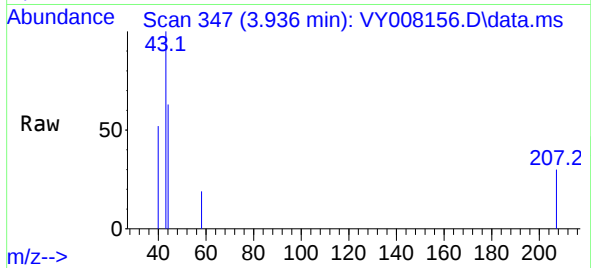




#16
Acetone
Concen: 2.903 ug/l
RT: 3.936 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY008156.D
Acq: 01 Apr 2022 13:20

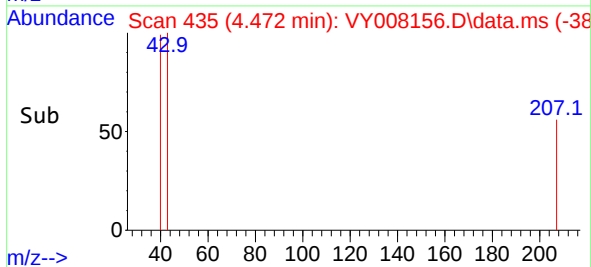
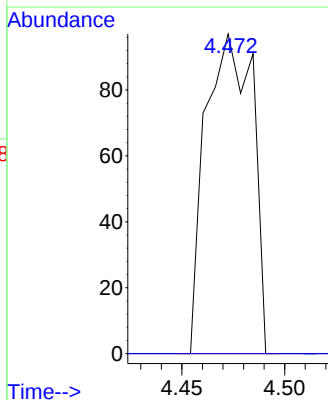
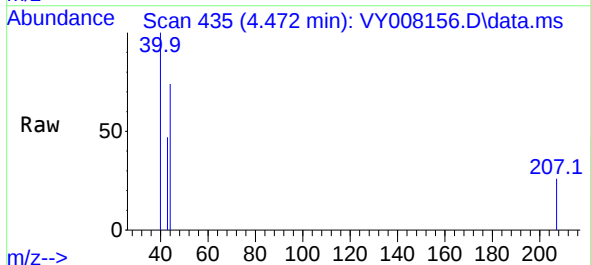
Instrument :
MSVOA_Y
ClientSampleId :
MHF

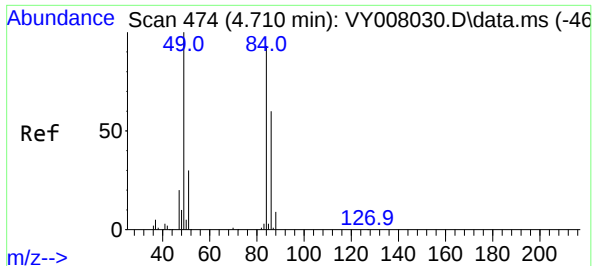
Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
58 19.1 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008156.D
Acq: 01 Apr 2022 13:20

Tgt Ion: 43 Resp: 154
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

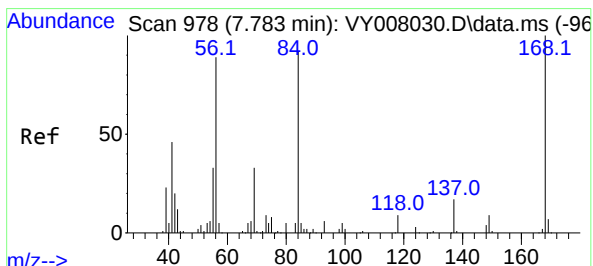
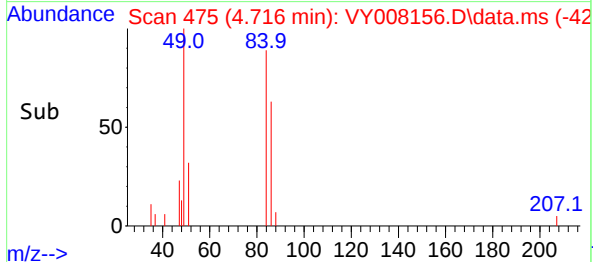
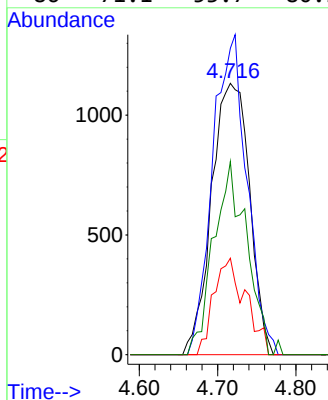
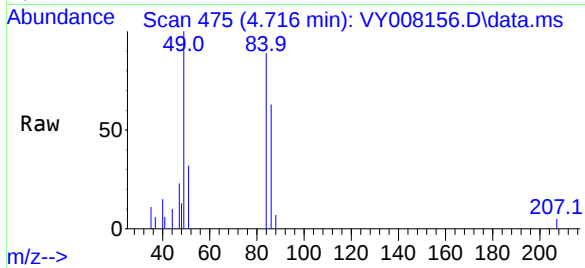




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008156.D
Acq: 01 Apr 2022 13:20

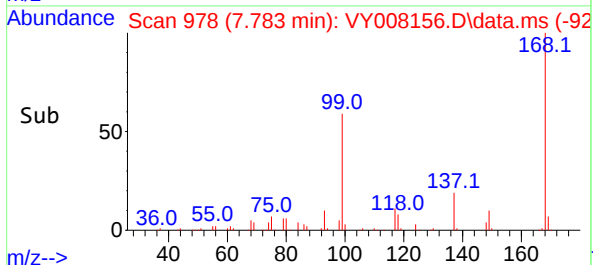
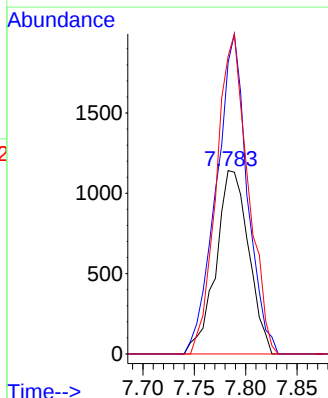
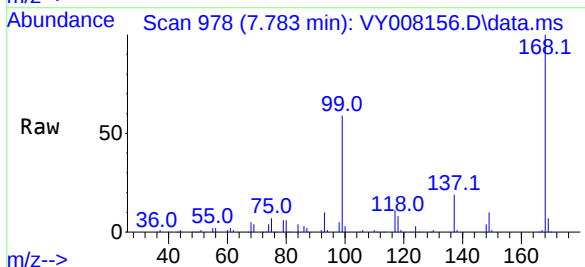
Instrument :
MSVOA_Y
ClientSampleId :
MHF

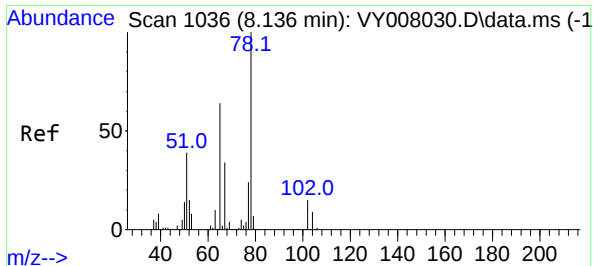
Tgt Ion: 84 Resp: 3819
Ion Ratio Lower Upper
84 100
49 112.9 114.4 171.6#
51 35.6 35.3 52.9
86 71.1 53.7 80.5



#31
Cyclohexane
Concen: 1.105 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008156.D
Acq: 01 Apr 2022 13:20

Tgt Ion: 56 Resp: 2528
Ion Ratio Lower Upper
56 100
69 159.0 26.7 40.1#
84 162.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.742 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008156.D

Acq: 01 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

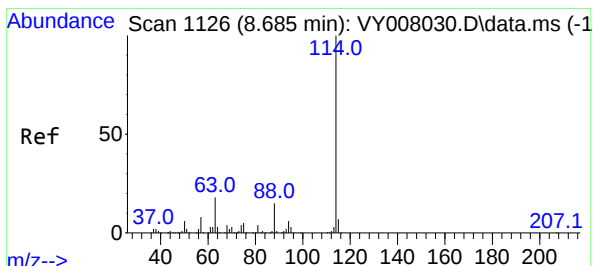
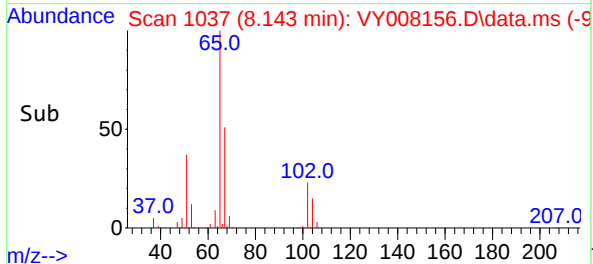
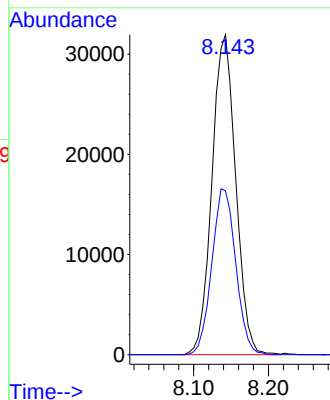
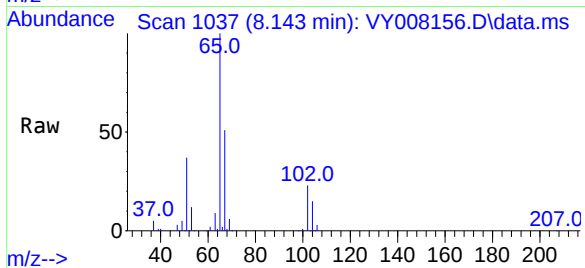
MHF

Tgt Ion: 65 Resp: 70658

Ion Ratio Lower Upper

65 100

67 52.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008156.D

Acq: 01 Apr 2022 13:20

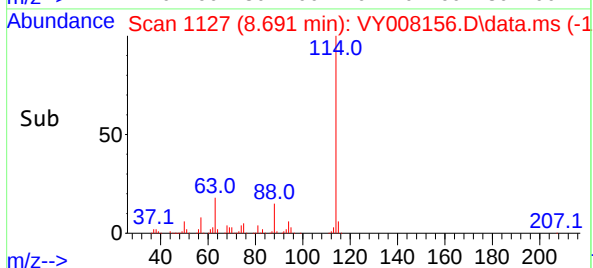
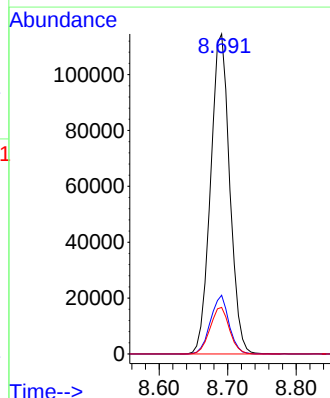
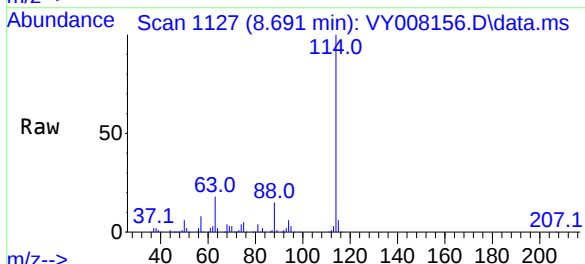
Tgt Ion: 114 Resp: 221973

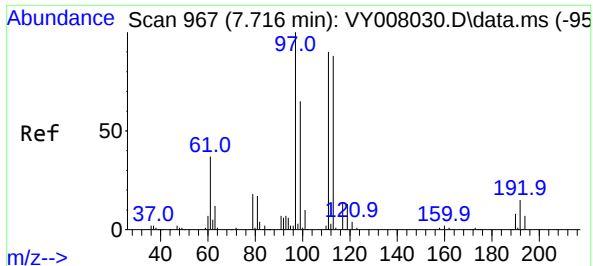
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.6 0.0 31.8

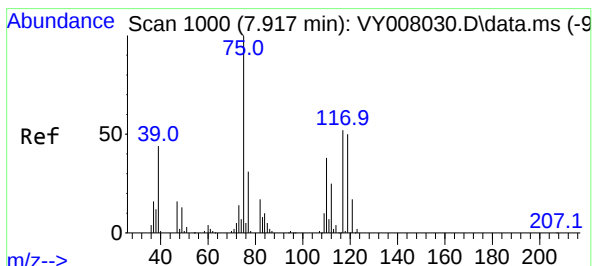
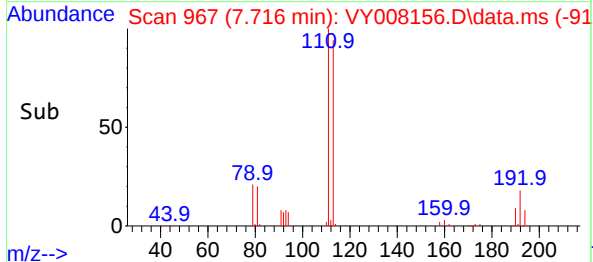
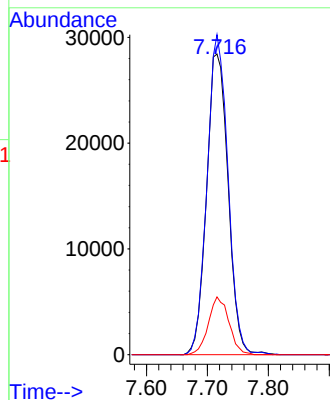
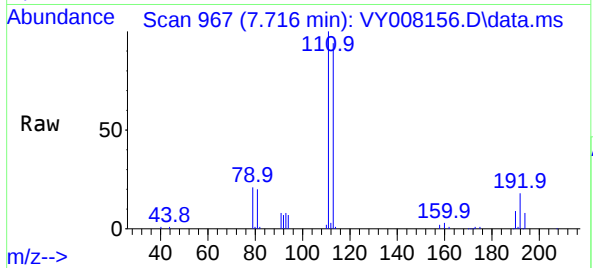




#35
Dibromofluoromethane
Concen: 50.328 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY008156.D
Acq: 01 Apr 2022 13:20

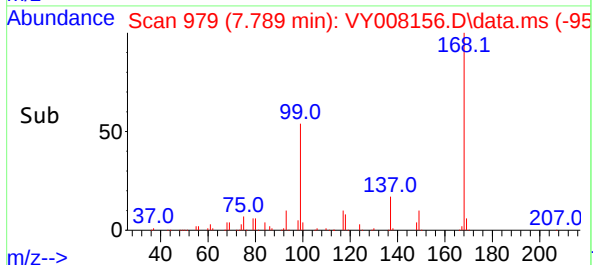
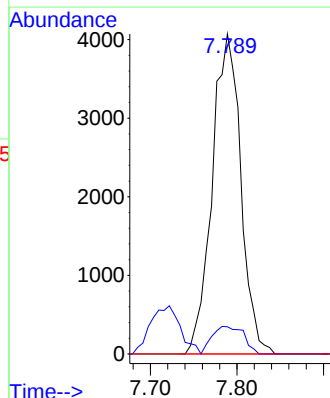
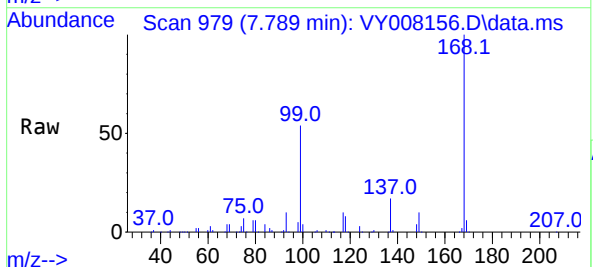
Instrument :
MSVOA_Y
ClientSampleId :
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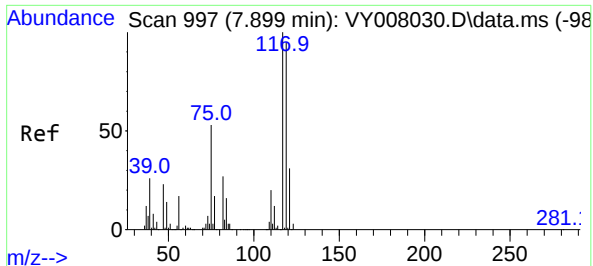
Tgt Ion:113 Resp: 70042
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 18.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.279 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008156.D
Acq: 01 Apr 2022 13:20

Tgt Ion: 75 Resp: 9354
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#

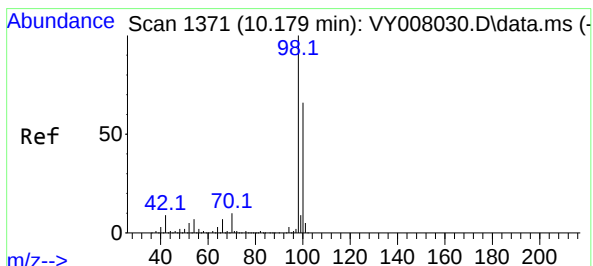
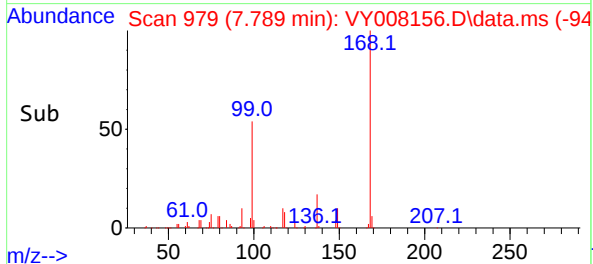
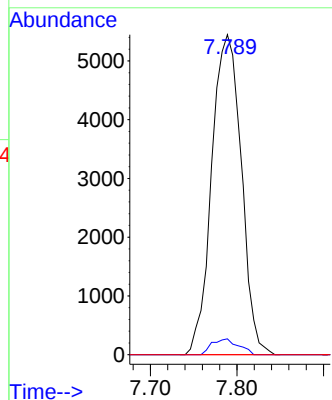
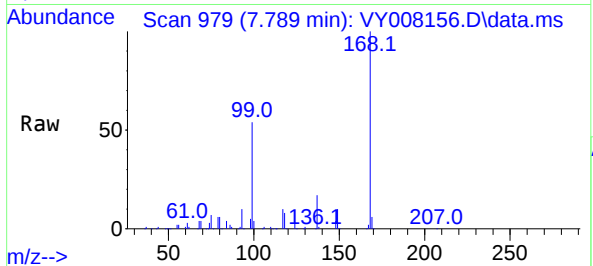




#38
Carbon Tetrachloride
Concen: 5.437 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008156.D
Acq: 01 Apr 2022 13:20

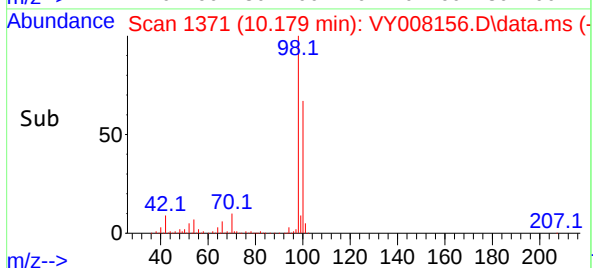
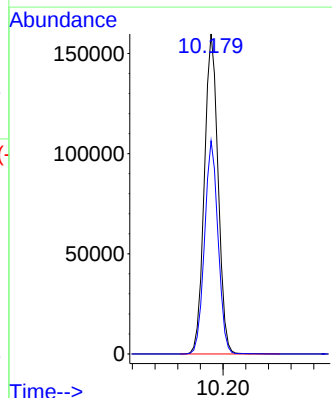
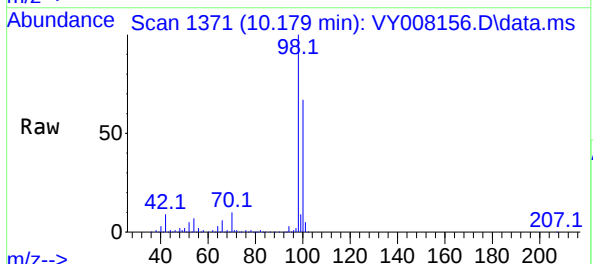
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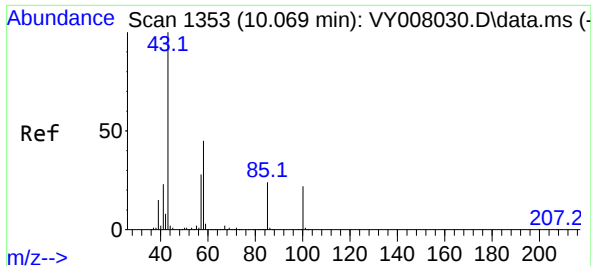
Tgt Ion:117 Resp: 12952
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.030 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008156.D
Acq: 01 Apr 2022 13:20

Tgt Ion: 98 Resp: 267566
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 1.031 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.110 min

Lab File: VY008156.D

Acq: 01 Apr 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

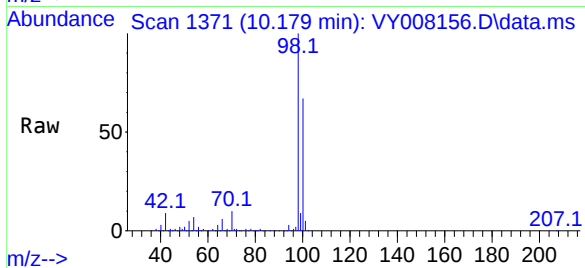
MHF

Tgt Ion: 43 Resp: 1042

Ion Ratio Lower Upper

43 100

58 185.1 28.1 42.1#



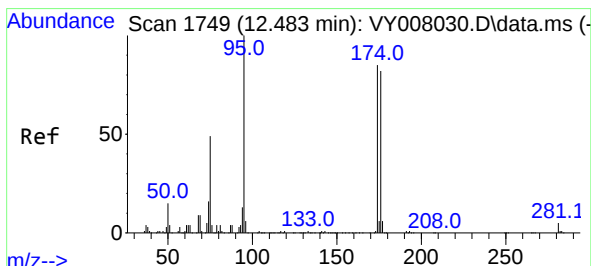
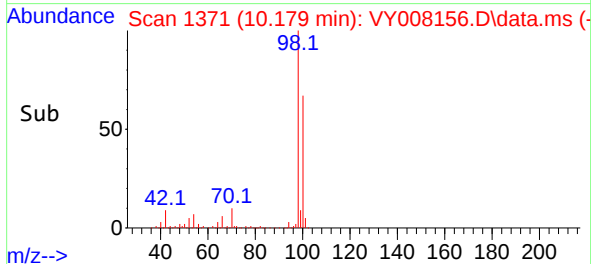
Abundance

1000

10.179

500

Time-->



#62

4-Bromofluorobenzene

Concen: 50.361 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008156.D

Acq: 01 Apr 2022 13:20

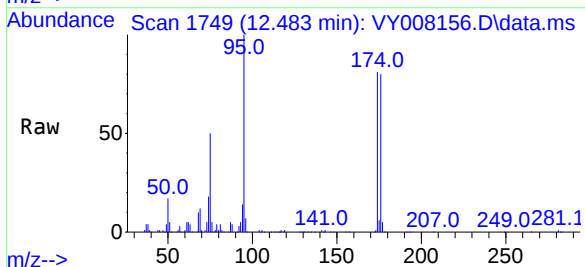
Tgt Ion: 95 Resp: 93160

Ion Ratio Lower Upper

95 100

174 80.3 0.0 177.0

176 78.2 0.0 175.8



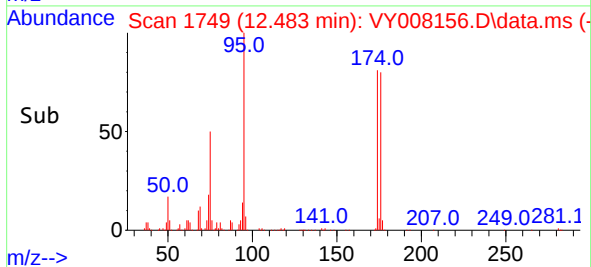
Abundance

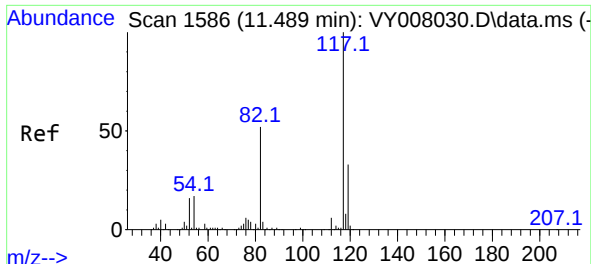
12.483

40000

20000

Time-->

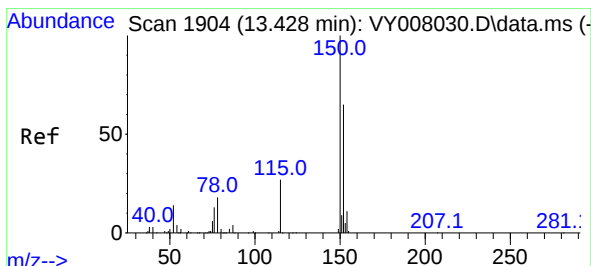
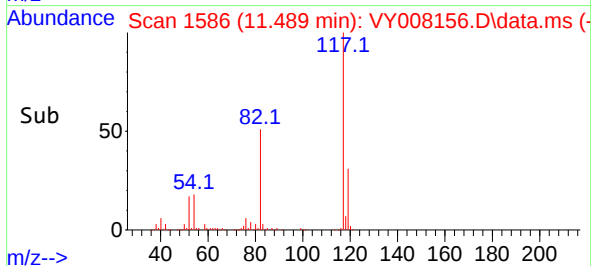
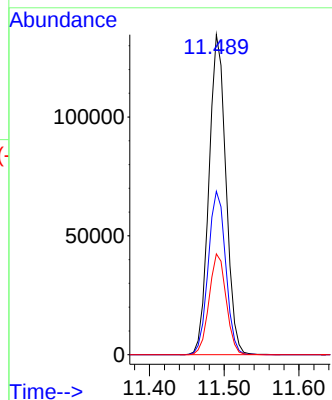
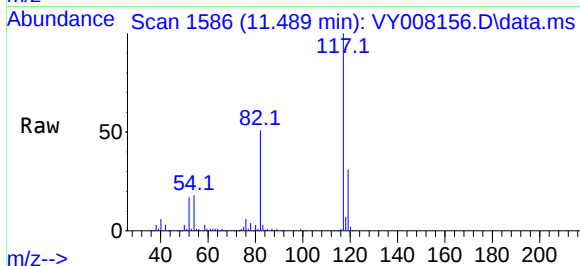




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008156.D
Acq: 01 Apr 2022 13:20

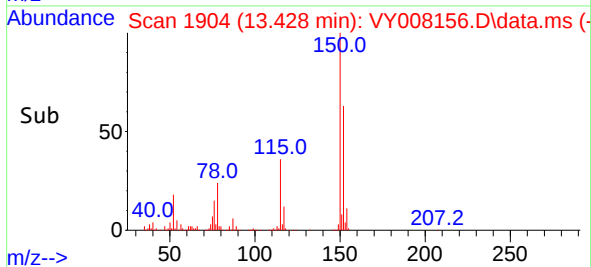
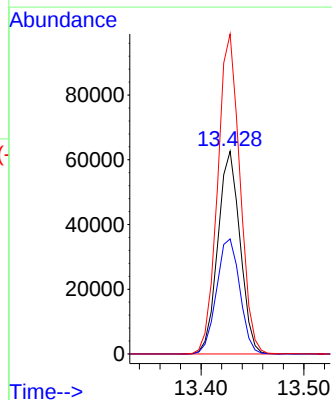
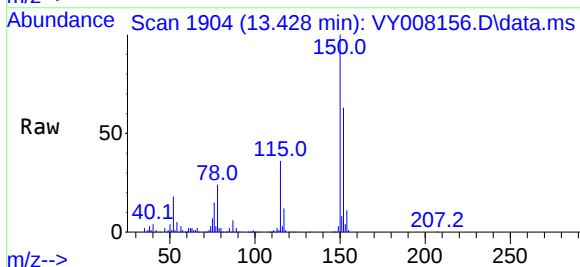
Instrument :
MSVOA_Y
ClientSampleId :
MHF

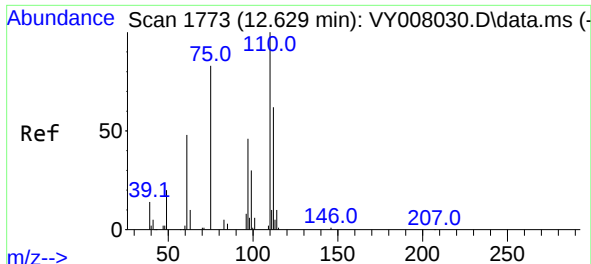
Tgt Ion:117 Resp: 212809
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008156.D
Acq: 01 Apr 2022 13:20

Tgt Ion:152 Resp: 93810
Ion Ratio Lower Upper
152 100
115 59.7 28.2 84.7
150 158.3 0.0 347.6

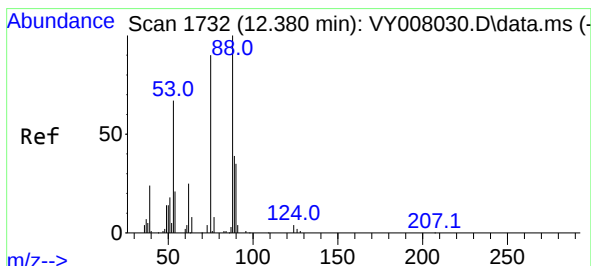
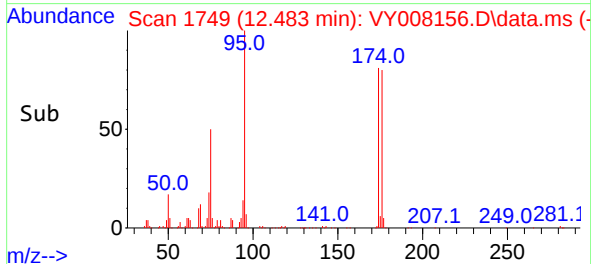
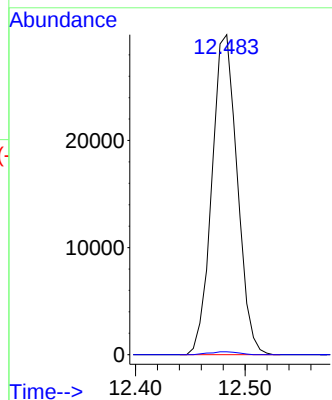
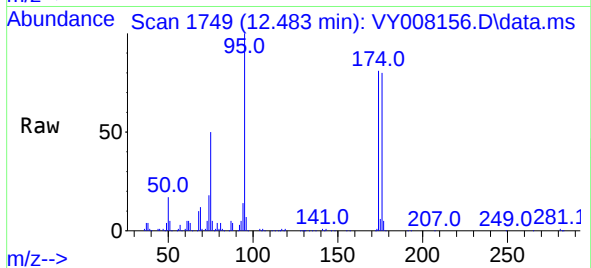




#76
1,2,3-Trichloropropane
Concen: 41.970 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008156.D
Acq: 01 Apr 2022 13:20

Instrument :
MSVOA_Y
ClientSampleId :
MHF

Tgt Ion: 75 Resp: 47995
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.642 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008156.D
Acq: 01 Apr 2022 13:20

Tgt Ion: 75 Resp: 47995
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

