

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006446.D
 Acq On : 22 Oct 2021 17:58
 Operator : SY/MD
 Sample : M4315-07
 Misc : 4.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-DD-S

Quant Time: Oct 23 07:23:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

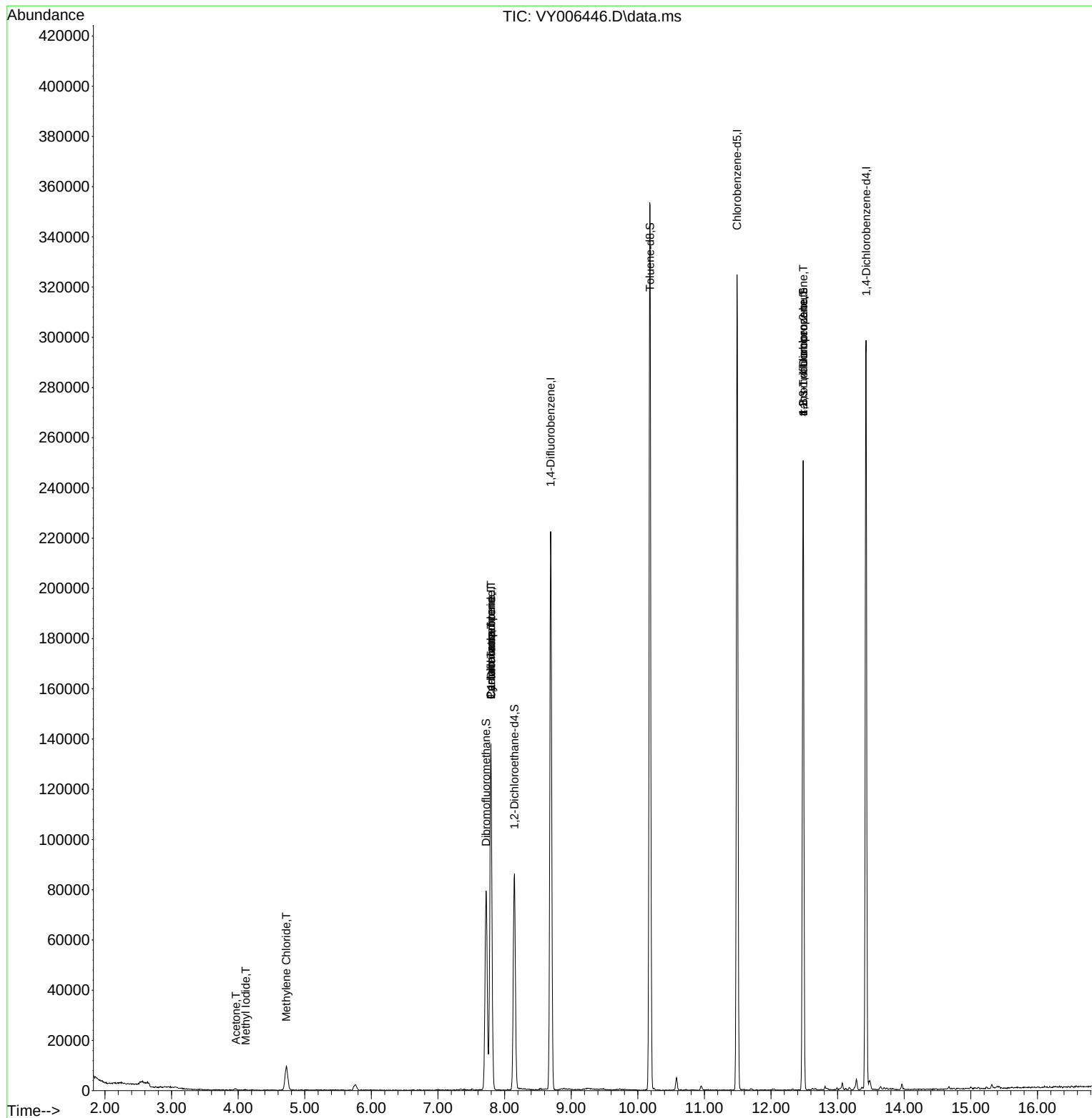
Internal Standards						
1) Pentafluorobenzene	7.795	168	100736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	175908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	162477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72283	58.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.620%	
35) Dibromofluoromethane	7.722	113	52639	53.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.380%	
50) Toluene-d8	10.185	98	224253	53.955	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.900%	
62) 4-Bromofluorobenzene	12.483	95	68679	49.053	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.100%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	216	5.255	ug/l #	71
16) Acetone	3.966	43	962	2.695	ug/l	94
20) Methylene Chloride	4.722	84	6249	1.752	ug/l #	90
31) Cyclohexane	7.795	56	2754	1.372	ug/l #	28
36) 1,1-Dichloropropene	7.795	75	8152	4.690	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10114	5.275	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	40709	54.602	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40709	112.096	ug/l #	7

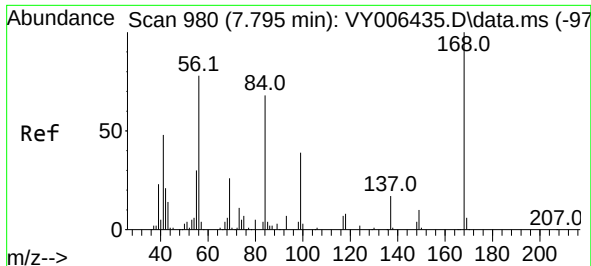
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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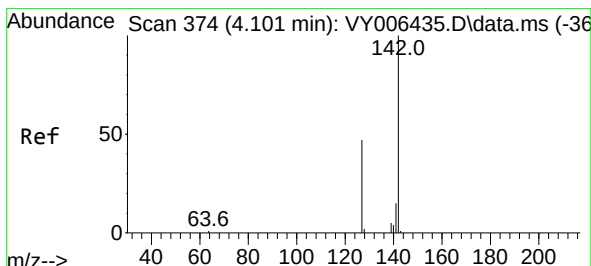
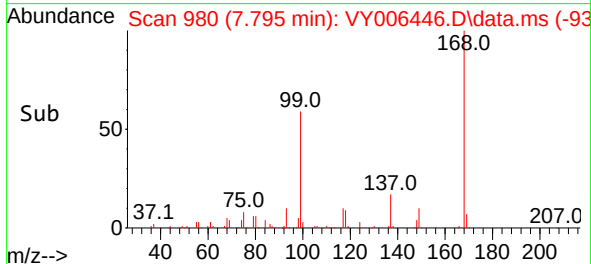
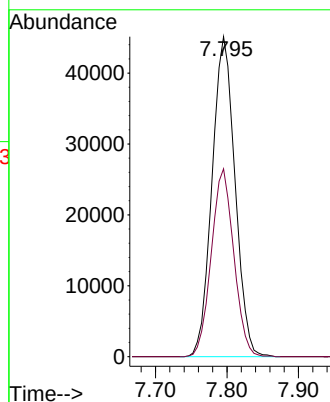
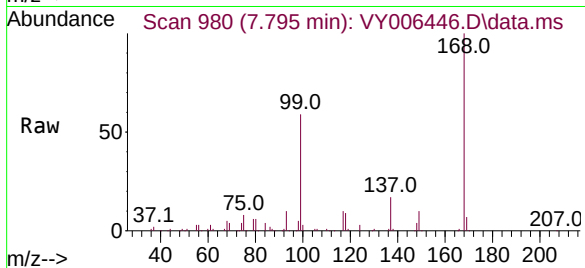




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006446.D
Acq: 22 Oct 2021 17:58

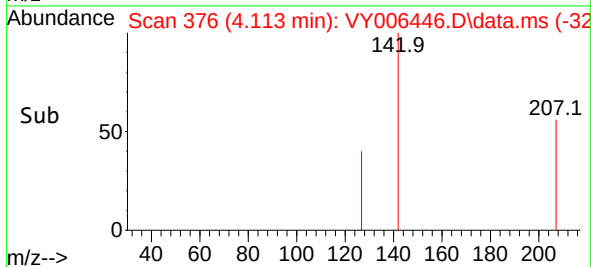
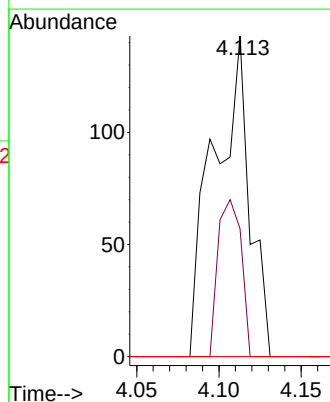
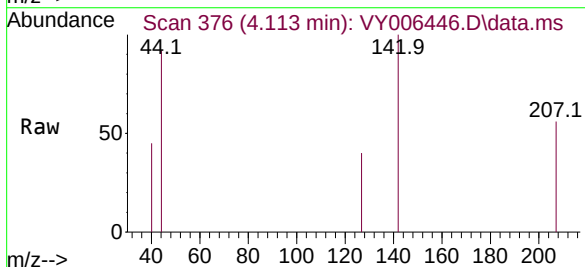
Instrument :
MSVOA_Y
ClientSampleId :
MH-DD-S

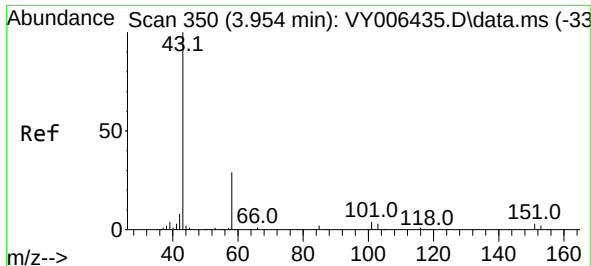
Tgt Ion:168 Resp: 100736
Ion Ratio Lower Upper
168 100
99 58.7 44.8 67.2



#10
Methyl Iodide
Concen: 5.255 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY006446.D
Acq: 22 Oct 2021 17:58

Tgt Ion:142 Resp: 216
Ion Ratio Lower Upper
142 100
127 31.9 40.1 60.1#
141 0.0 12.5 18.7#





#16

Acetone

Concen: 2.695 ug/l

RT: 3.966 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY006446.D

Acq: 22 Oct 2021 17:58

Instrument :

MSVOA_Y

ClientSampleId :

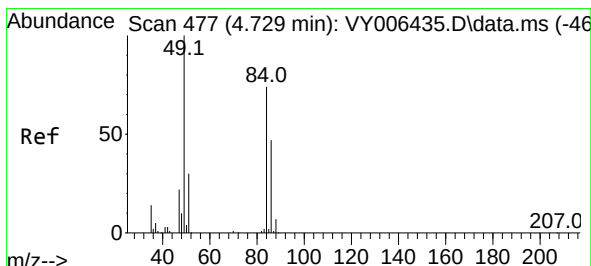
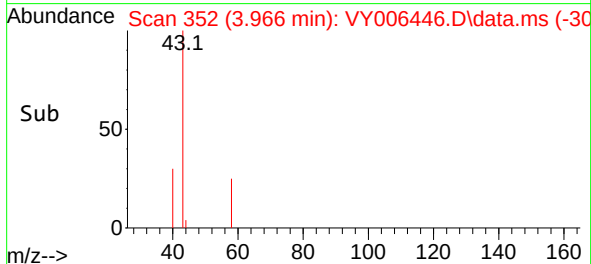
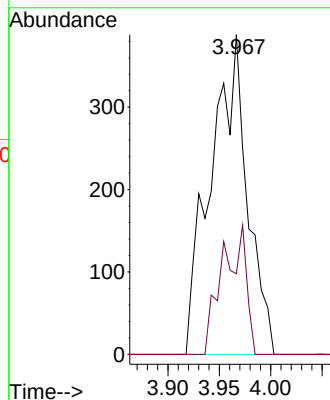
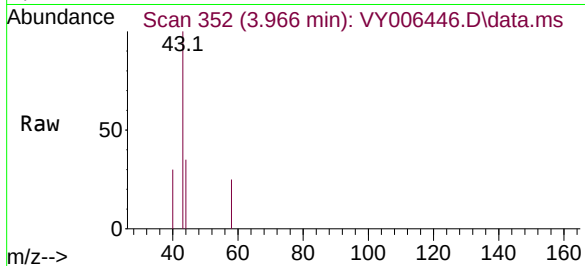
MH-DD-S

Tgt Ion: 43 Resp: 962

Ion Ratio Lower Upper

43 100

58 25.3 22.9 34.3



#20

Methylene Chloride

Concen: 1.752 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY006446.D

Acq: 22 Oct 2021 17:58

Tgt Ion: 84 Resp: 6249

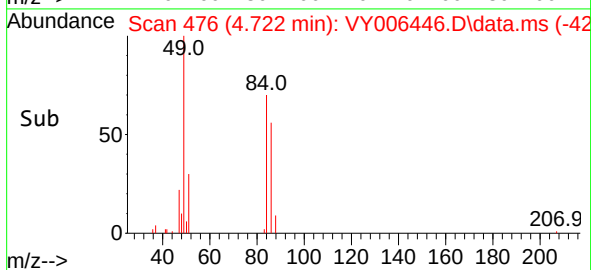
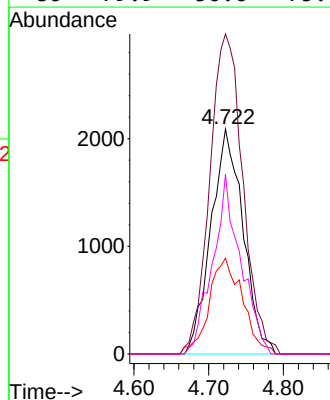
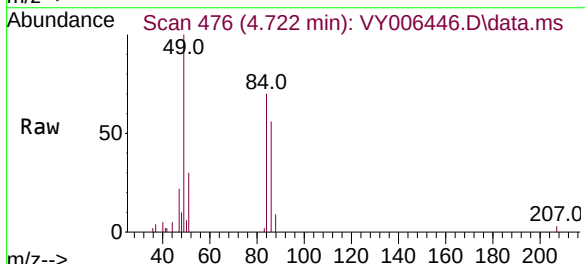
Ion Ratio Lower Upper

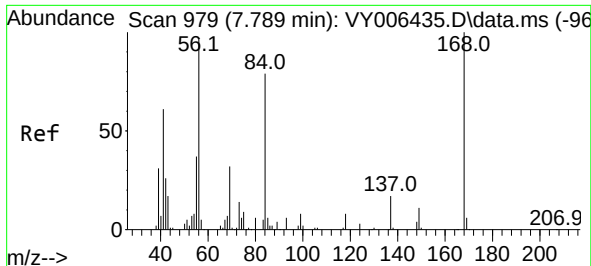
84 100

49 142.2 107.8 161.8

51 42.6 32.8 49.2

86 79.9 50.6 75.8#

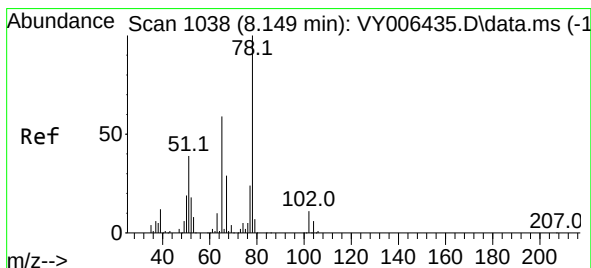
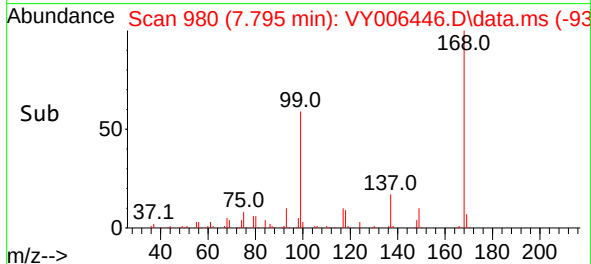
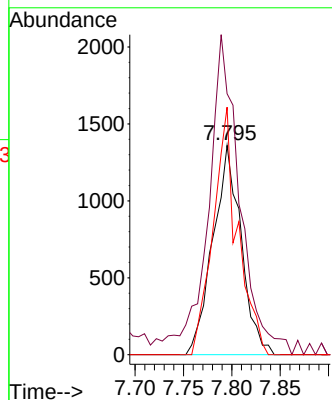
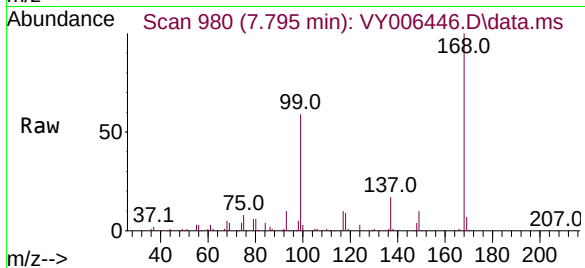




#31
Cyclohexane
Concen: 1.372 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY006446.D
Acq: 22 Oct 2021 17:58

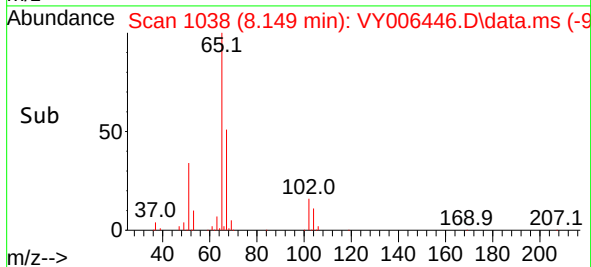
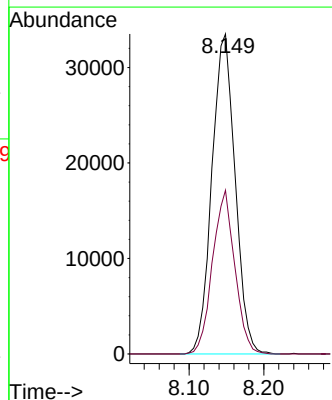
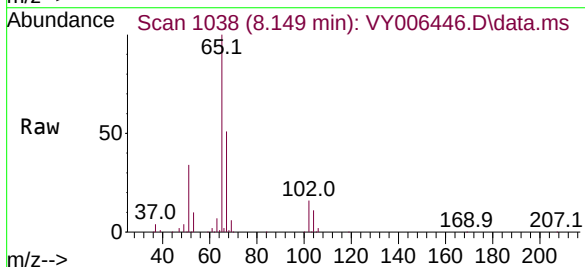
Instrument :
MSVOA_Y
ClientSampleId :
MH-DD-S

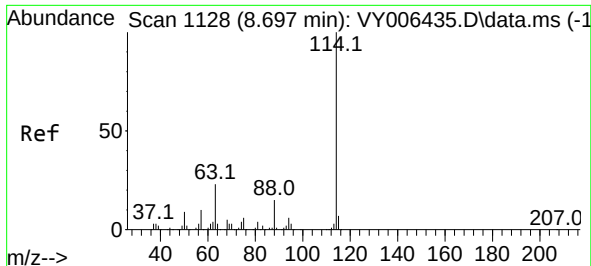
Tgt Ion: 56 Resp: 2754
Ion Ratio Lower Upper
56 100
69 117.0 26.6 40.0#
84 118.2 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 58.310 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006446.D
Acq: 22 Oct 2021 17:58

Tgt Ion: 65 Resp: 72283
Ion Ratio Lower Upper
65 100
67 49.0 0.0 98.2

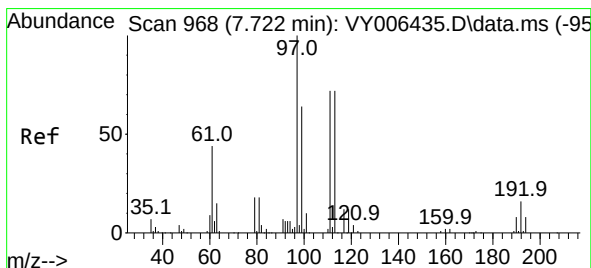
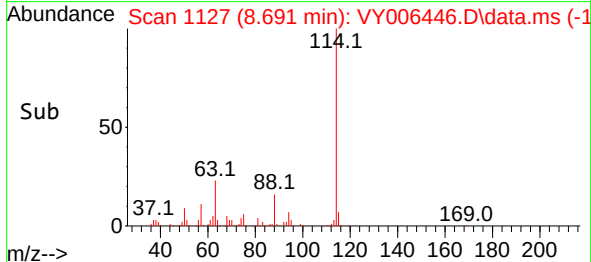
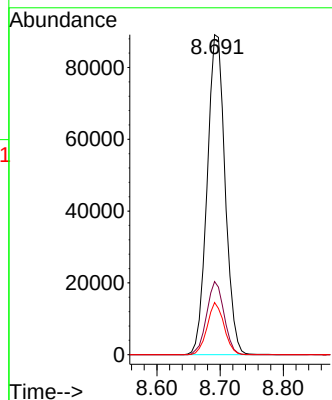
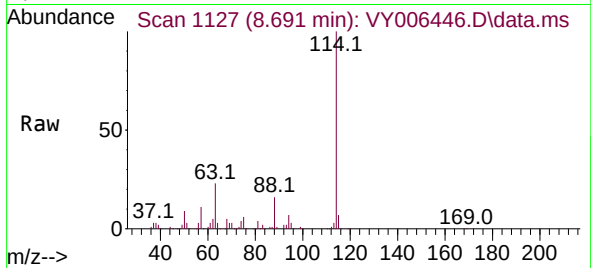




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY006446.D
Acq: 22 Oct 2021 17:58

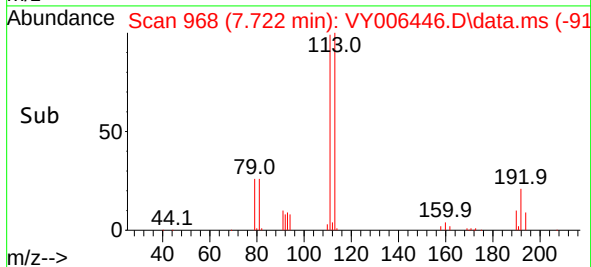
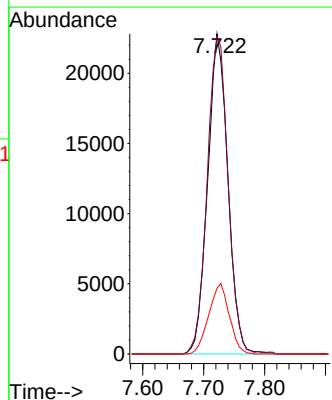
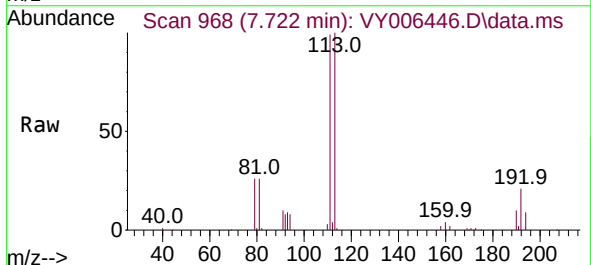
Instrument :
MSVOA_Y
ClientSampleId :
MH-DD-S

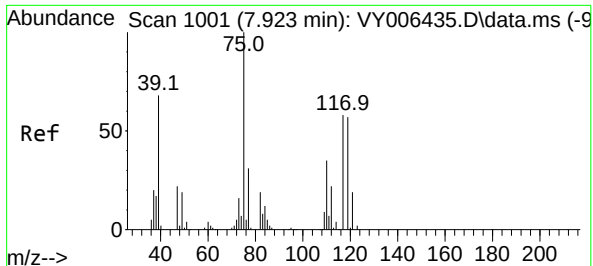
Tgt Ion:114 Resp: 175908
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.688 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006446.D
Acq: 22 Oct 2021 17:58

Tgt Ion:113 Resp: 52639
Ion Ratio Lower Upper
113 100
111 102.4 82.3 123.5
192 22.3 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.690 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY006446.D

Acq: 22 Oct 2021 17:58

Instrument :

MSVOA_Y

ClientSampleId :

MH-DD-S

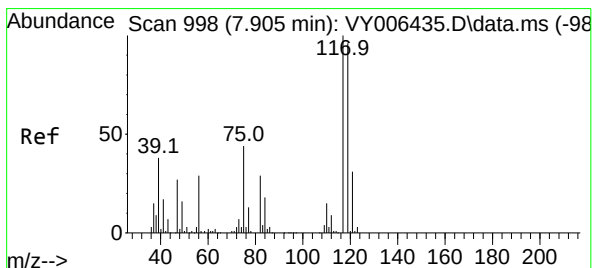
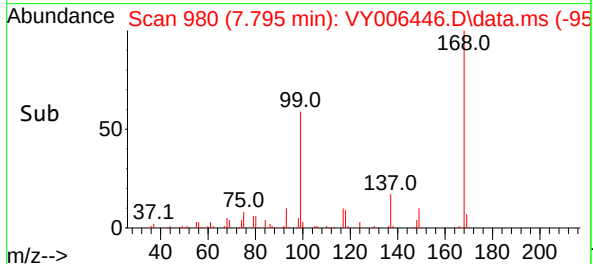
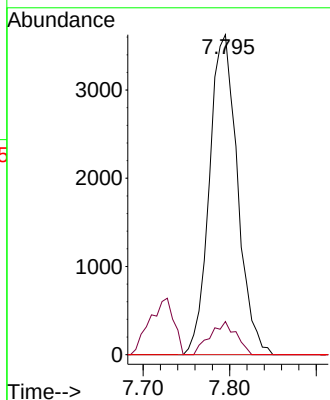
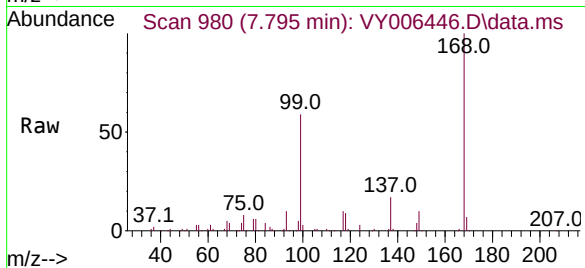
Tgt Ion: 75 Resp: 8152

Ion Ratio Lower Upper

75 100

110 9.7 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.275 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY006446.D

Acq: 22 Oct 2021 17:58

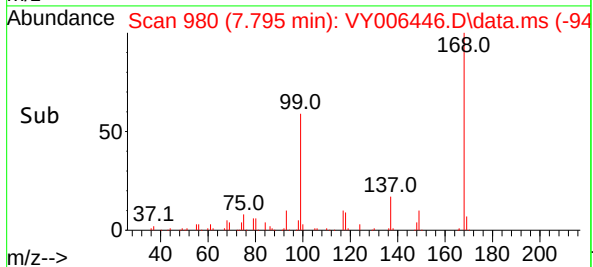
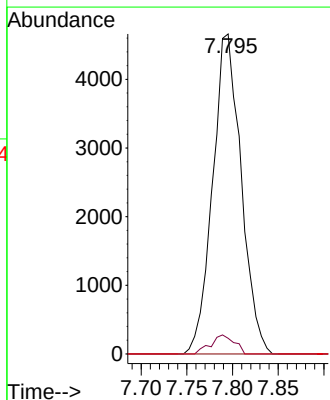
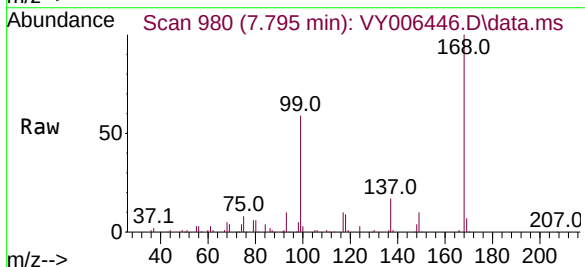
Tgt Ion: 117 Resp: 10114

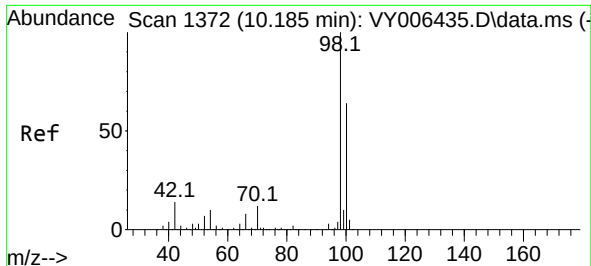
Ion Ratio Lower Upper

117 100

119 4.9 76.6 115.0#

121 0.0 24.7 37.1#

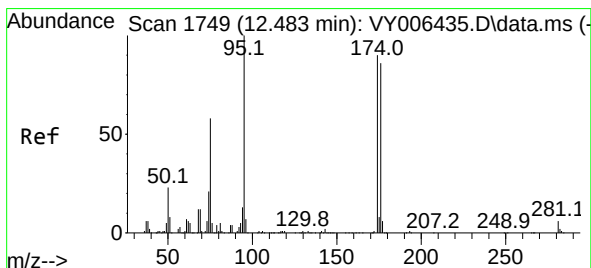
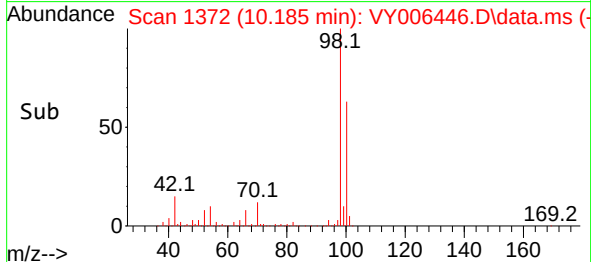
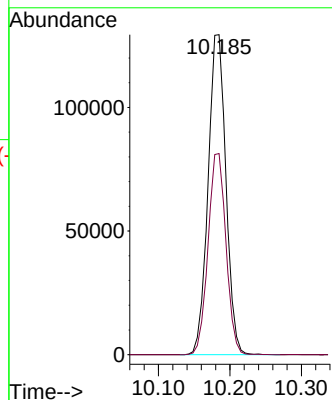
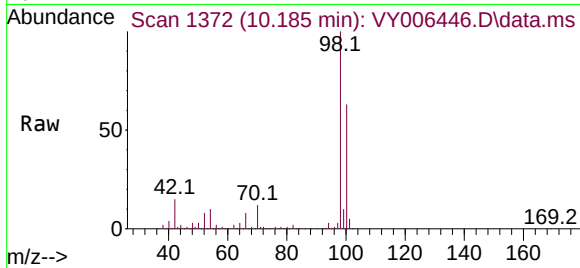




#50
Toluene-d8
Concen: 53.955 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006446.D
Acq: 22 Oct 2021 17:58

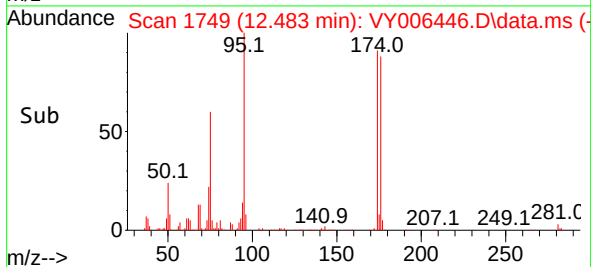
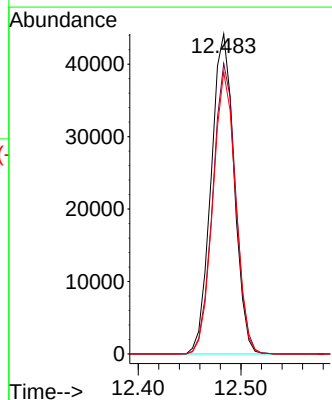
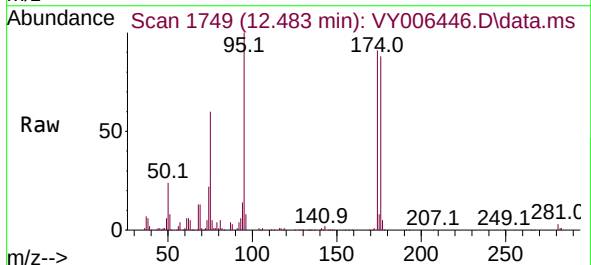
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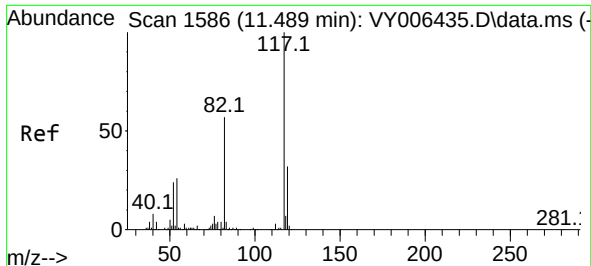
Tgt Ion: 98 Resp: 224253
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.053 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006446.D
Acq: 22 Oct 2021 17:58

Tgt Ion: 95 Resp: 68679
Ion Ratio Lower Upper
95 100
174 90.2 0.0 177.0
176 86.9 0.0 169.4

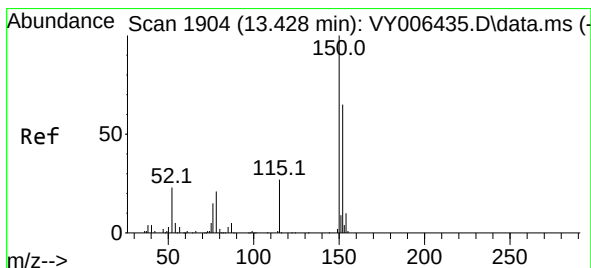
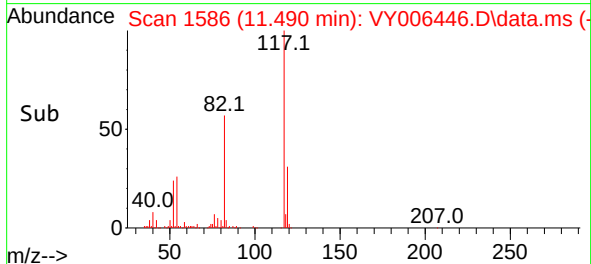
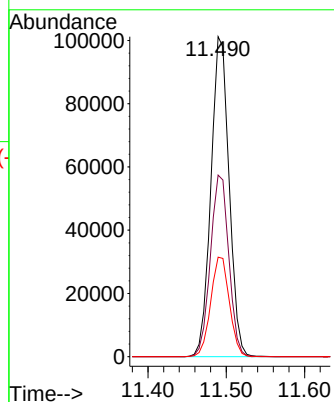
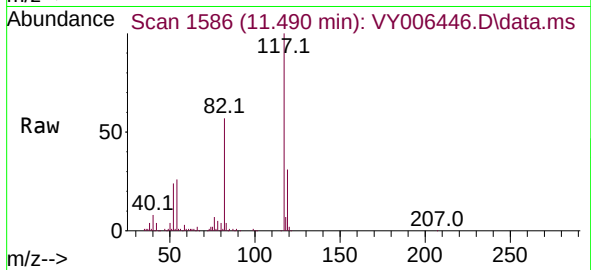




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY006446.D
Acq: 22 Oct 2021 17:58

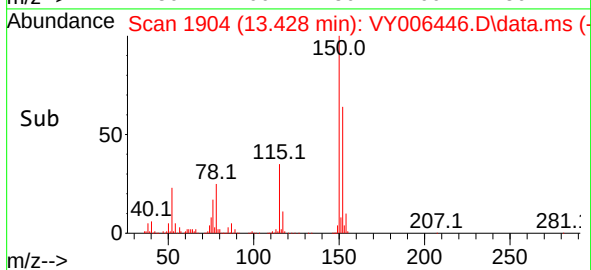
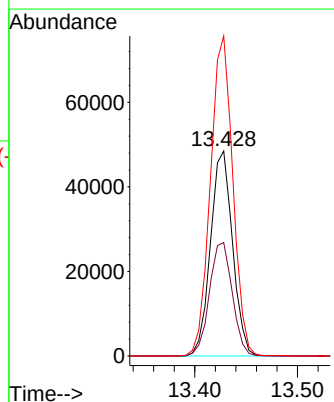
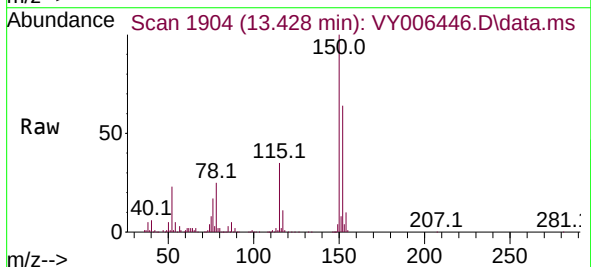
Instrument :
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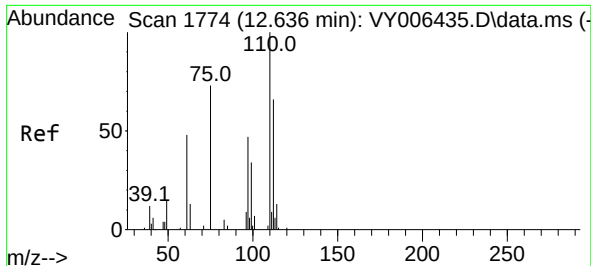
Tgt Ion:117 Resp: 162477
Ion Ratio Lower Upper
117 100
82 56.8 45.7 68.5
119 31.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006446.D
Acq: 22 Oct 2021 17:58

Tgt Ion:152 Resp: 72351
Ion Ratio Lower Upper
152 100
115 57.4 28.5 85.5
150 158.5 0.0 348.2

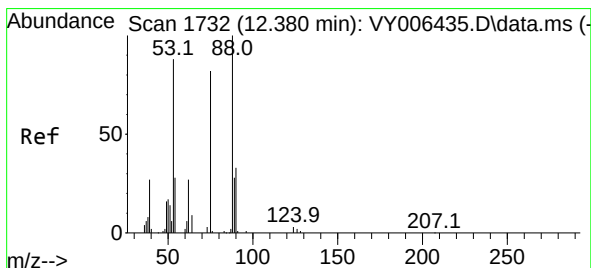
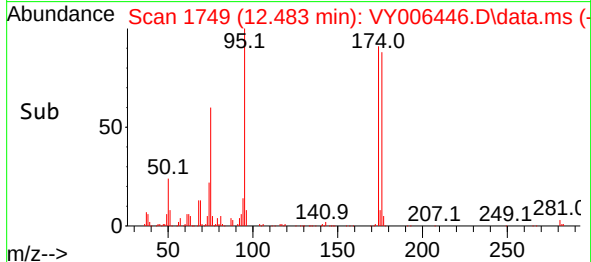
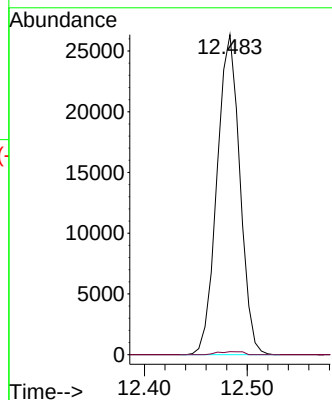
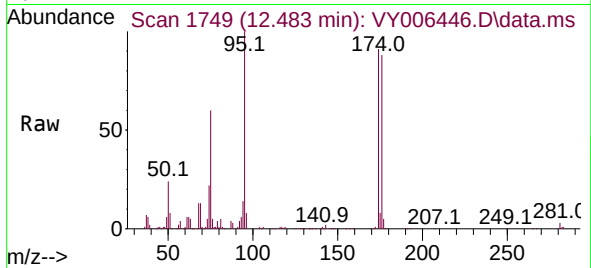




#76
1,2,3-Trichloropropane
Concen: 54.602 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006446.D
Acq: 22 Oct 2021 17:58

Instrument :
MSVOA_Y
ClientSampleId :
MH-DD-S

Tgt Ion: 75 Resp: 40709
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.096 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006446.D
Acq: 22 Oct 2021 17:58

Tgt Ion: 75 Resp: 40709
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.1 39.3 58.9#

