

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006447.D
 Acq On : 22 Oct 2021 18:22
 Operator : SY/MD
 Sample : M4315-10
 Misc : 4.45G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-DD-D

Quant Time: Oct 23 07:24:03 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)

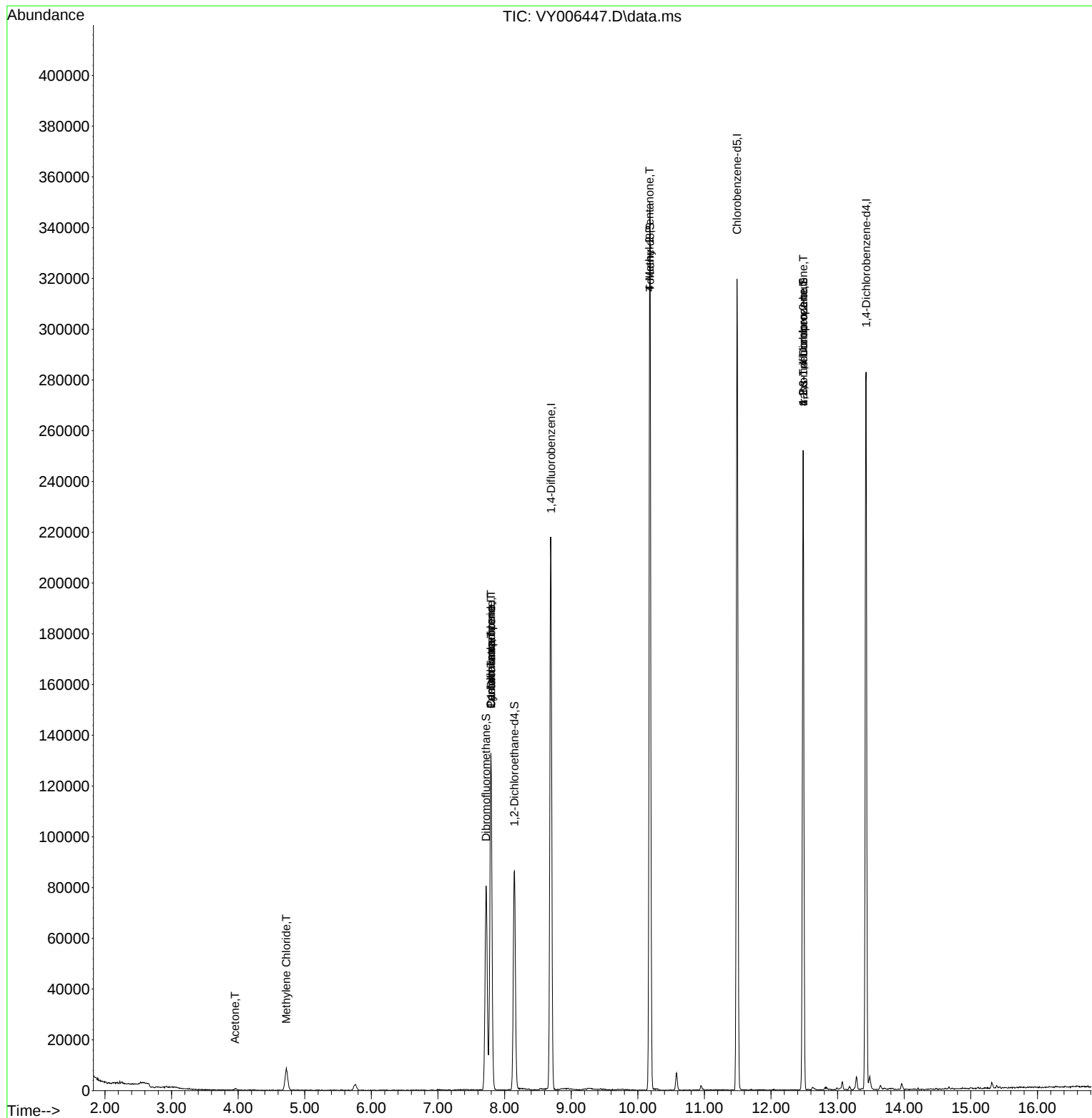
Internal Standards						
1) Pentafluorobenzene	7.795	168	98792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	161248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72773	59.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.720%	
35) Dibromofluoromethane	7.722	113	52309	54.118	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.240%	
50) Toluene-d8	10.185	98	219853	53.656	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.320%	
62) 4-Bromofluorobenzene	12.483	95	67659	49.019	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.040%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	951	2.717	ug/l #	89
20) Methylene Chloride	4.722	84	5652	1.276	ug/l	95
31) Cyclohexane	7.795	56	2507	1.274	ug/l #	38
36) 1,1-Dichloropropene	7.795	75	8243	4.811	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10025	5.304	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1195	1.084	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	39281	53.534	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39281	109.903	ug/l #	7

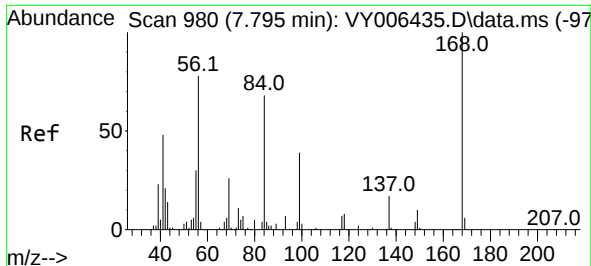
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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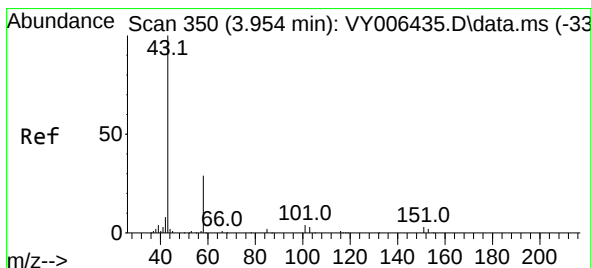
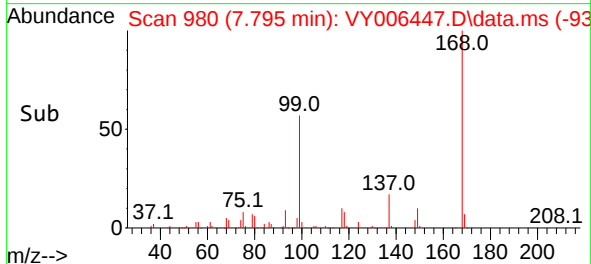
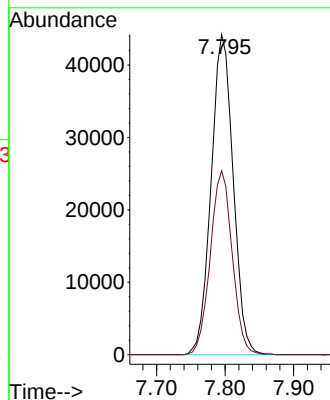
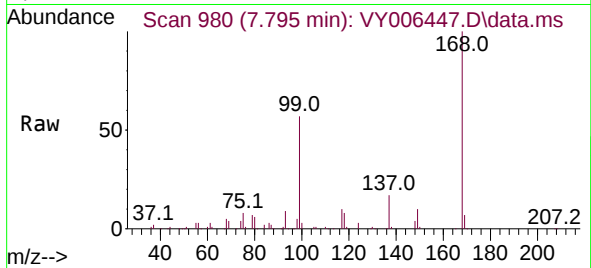




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

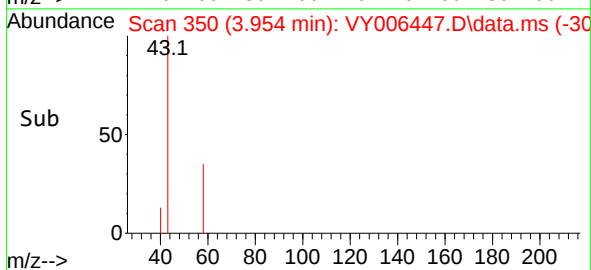
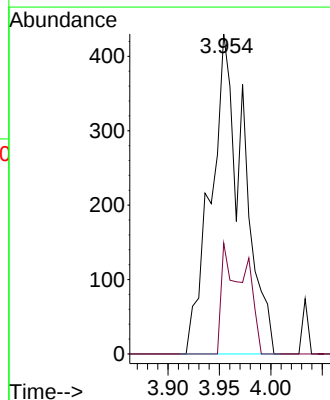
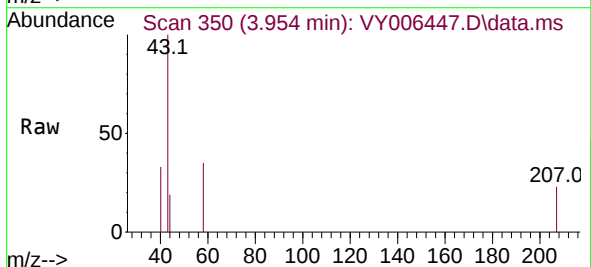
Instrument :
MSVOA_Y
ClientSampleId :
MH-DD-D

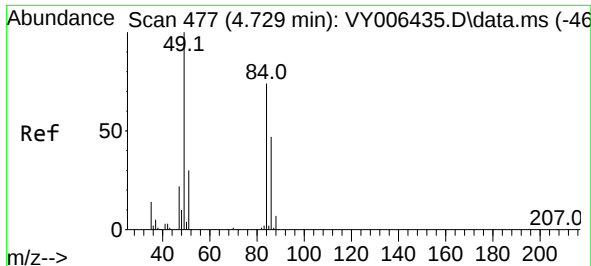
Tgt Ion:168 Resp: 98792
Ion Ratio Lower Upper
168 100
99 57.5 44.8 67.2



#16
Acetone
Concen: 2.717 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

Tgt Ion: 43 Resp: 951
Ion Ratio Lower Upper
43 100
58 34.7 22.9 34.3#





#20

Methylene Chloride

Concen: 1.276 ug/l

RT: 4.722 min Scan# 41

Delta R.T. -0.007 min

Lab File: VY006447.D

Acq: 22 Oct 2021 18:22

Instrument :

MSVOA_Y

ClientSampleId :

MH-DD-D

Tgt Ion: 84 Resp: 5652

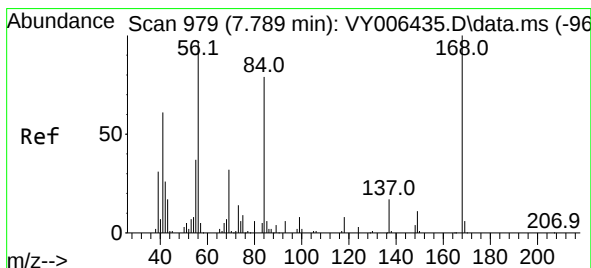
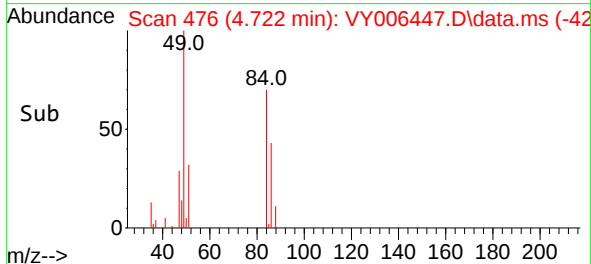
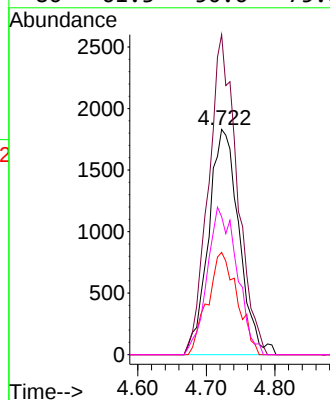
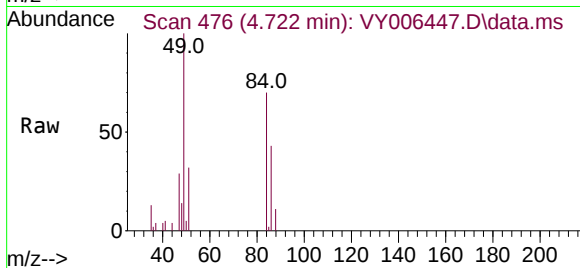
Ion Ratio Lower Upper

84 100

49 142.1 107.8 161.8

51 45.4 32.8 49.2

86 61.3 50.6 75.8



#31

Cyclohexane

Concen: 1.274 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY006447.D

Acq: 22 Oct 2021 18:22

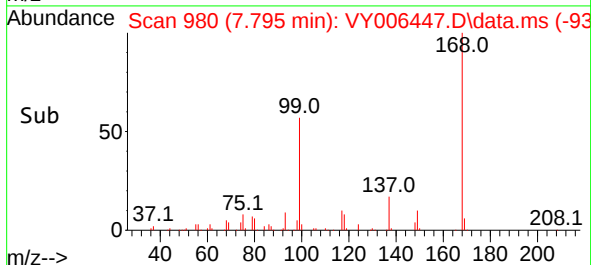
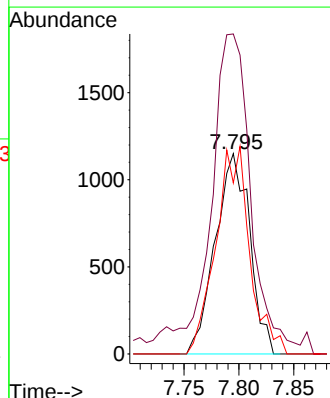
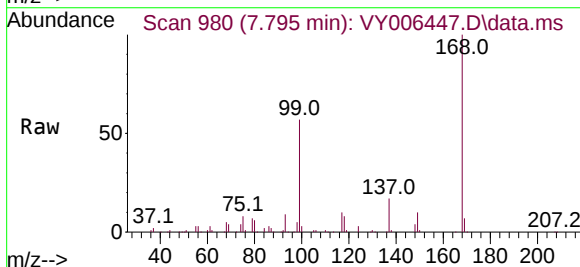
Tgt Ion: 56 Resp: 2507

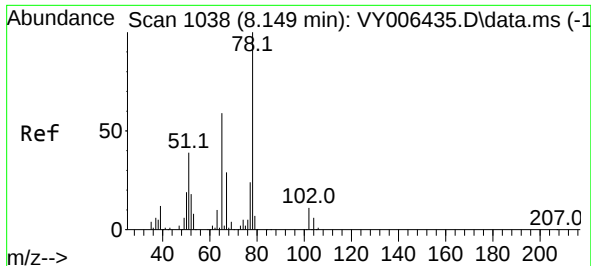
Ion Ratio Lower Upper

56 100

69 147.4 26.6 40.0#

84 85.4 65.0 97.4





#33

1,2-Dichloroethane-d4

Concen: 59.861 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006447.D

Acq: 22 Oct 2021 18:22

Instrument :

MSVOA_Y

ClientSampleId :

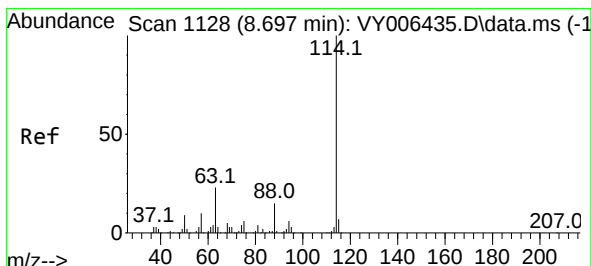
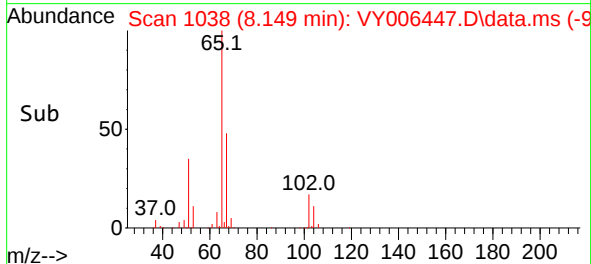
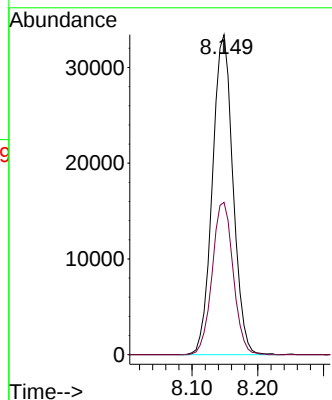
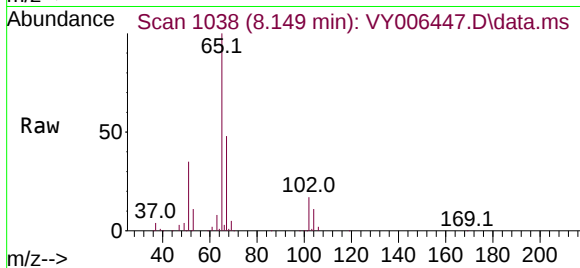
MH-DD-D

Tgt Ion: 65 Resp: 72773

Ion Ratio Lower Upper

65 100

67 48.5 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006447.D

Acq: 22 Oct 2021 18:22

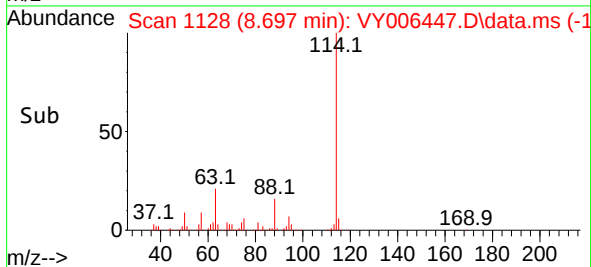
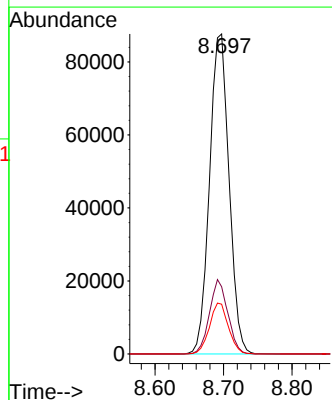
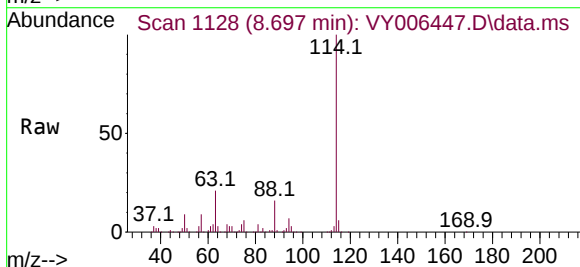
Tgt Ion: 114 Resp: 173415

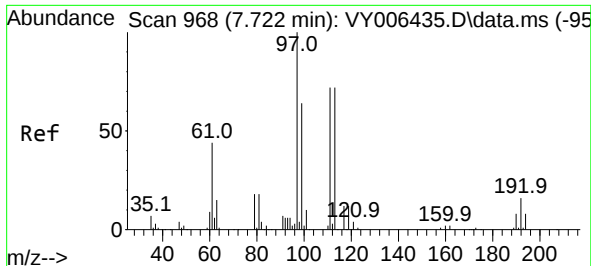
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 15.5 0.0 30.6

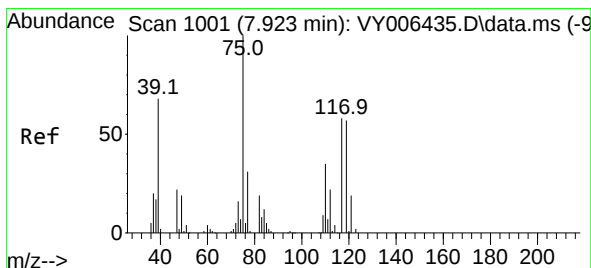
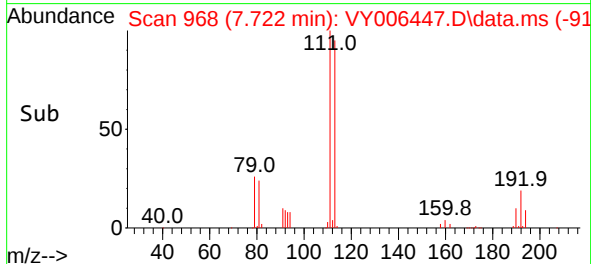
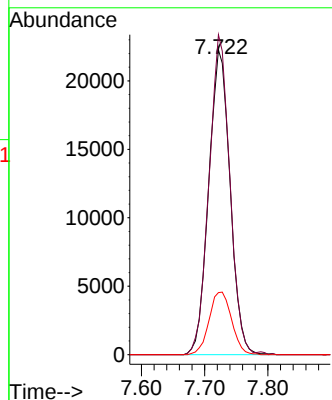
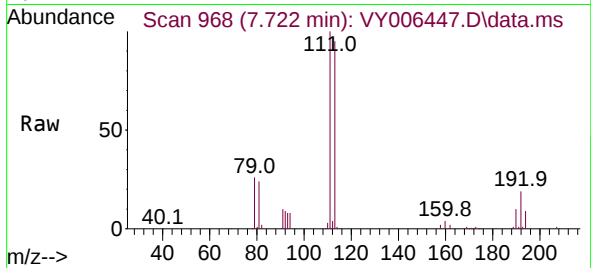




#35
Dibromofluoromethane
Concen: 54.118 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

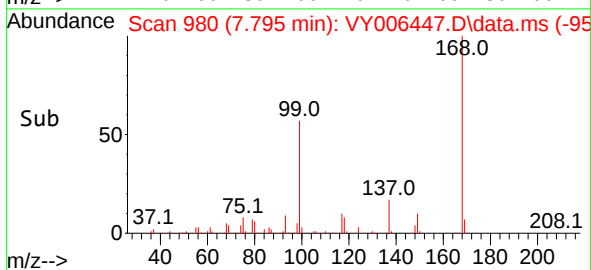
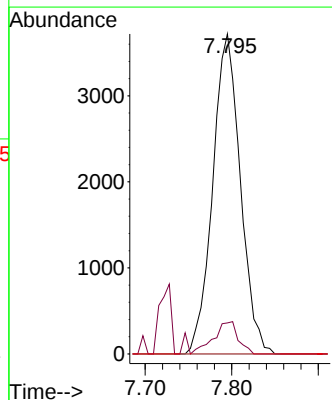
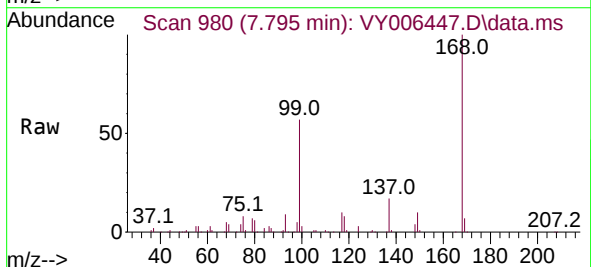
Instrument :
MSVOA_Y
ClientSampleId :
MH-DD-D

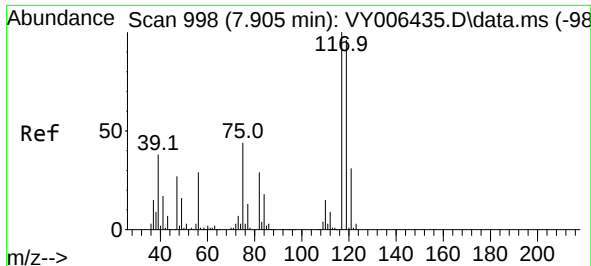
Tgt Ion:113 Resp: 52309
Ion Ratio Lower Upper
113 100
111 102.3 82.3 123.5
192 21.6 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.811 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

Tgt Ion: 75 Resp: 8243
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.3#
77 0.0 24.9 37.3#

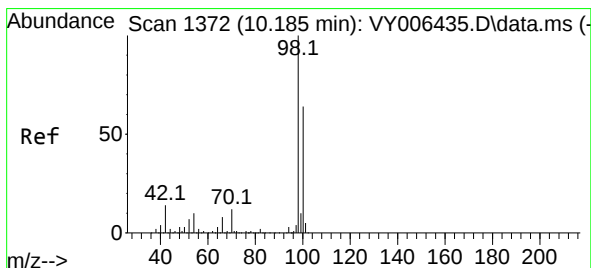
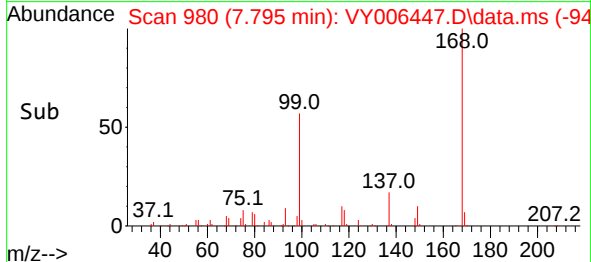
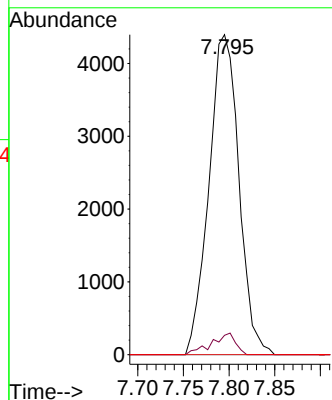
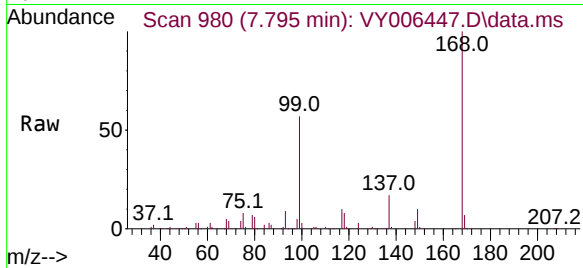




#38
Carbon Tetrachloride
Concen: 5.304 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

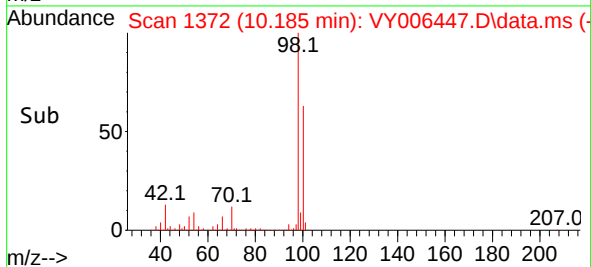
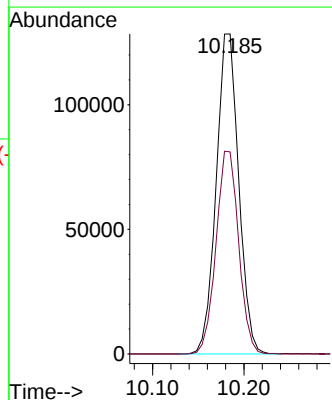
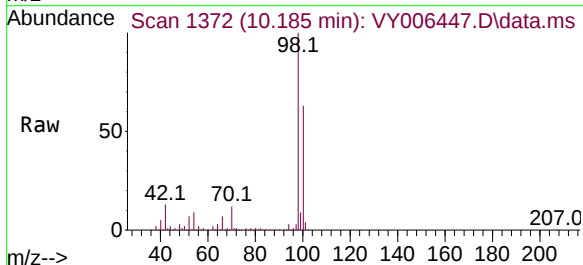
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MH-DD-D

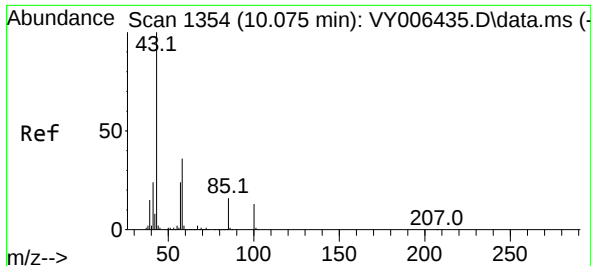
Tgt Ion:117 Resp: 10025
Ion Ratio Lower Upper
117 100
119 6.1 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.656 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

Tgt Ion: 98 Resp: 219853
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

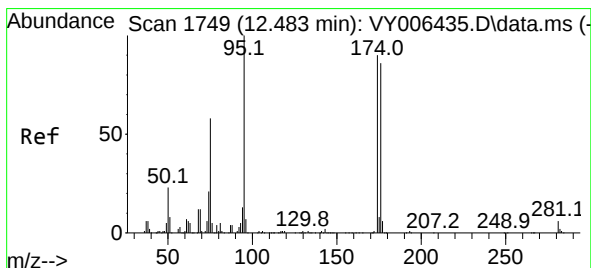
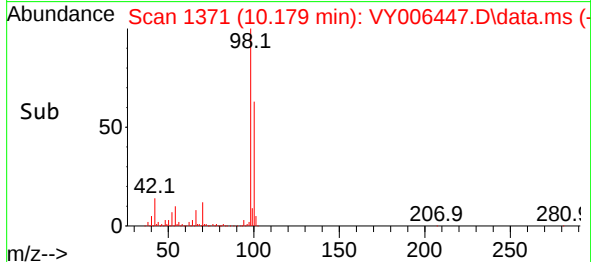
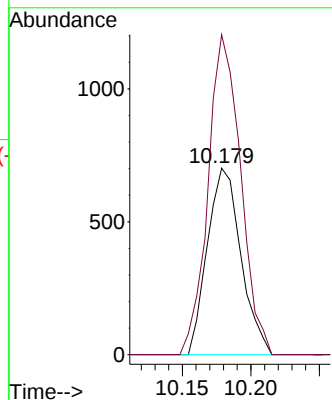
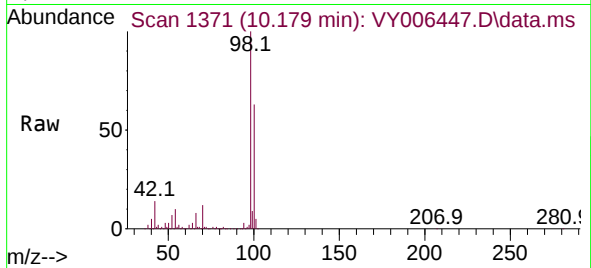




#51
4-Methyl-2-Pentanone
Concen: 1.084 ug/l
RT: 10.179 min Scan# 1195
Delta R.T. 0.104 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

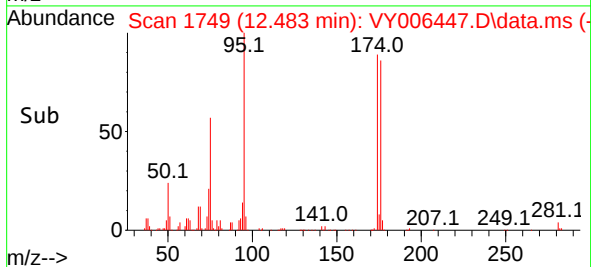
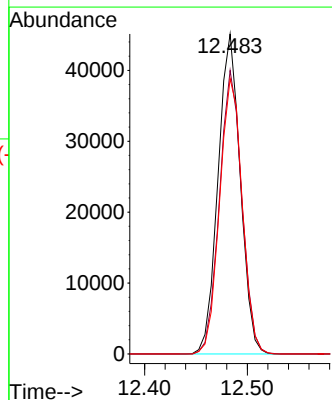
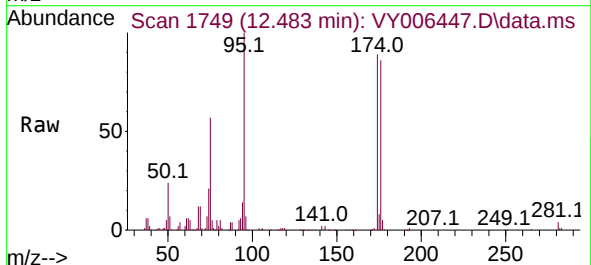
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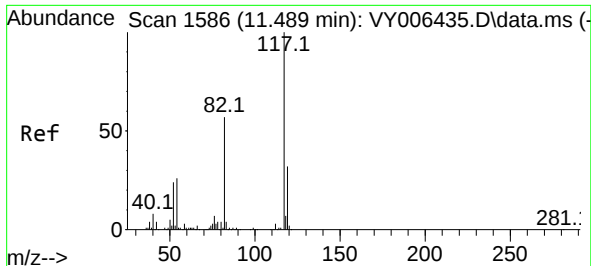
Tgt Ion: 43 Resp: 1195
Ion Ratio Lower Upper
43 100
58 166.8 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 49.019 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

Tgt Ion: 95 Resp: 67659
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 87.3 0.0 169.4

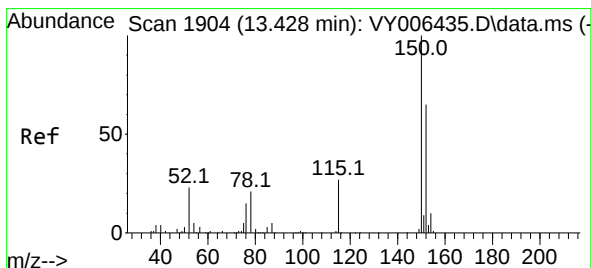
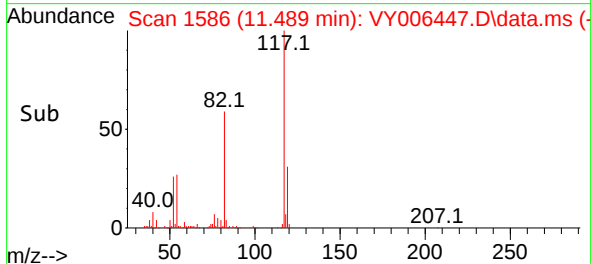
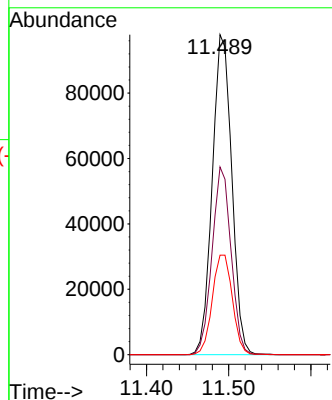
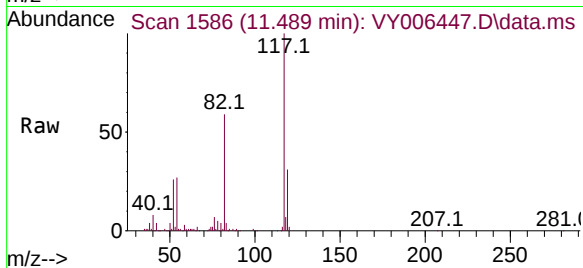




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

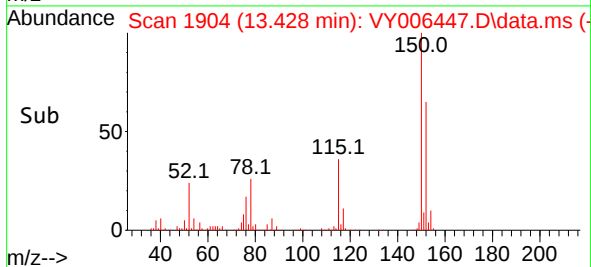
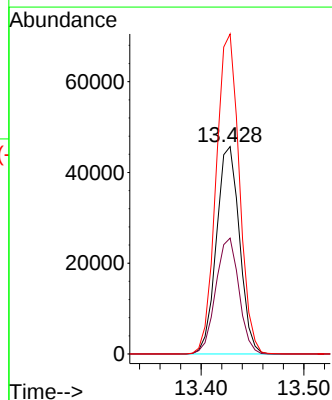
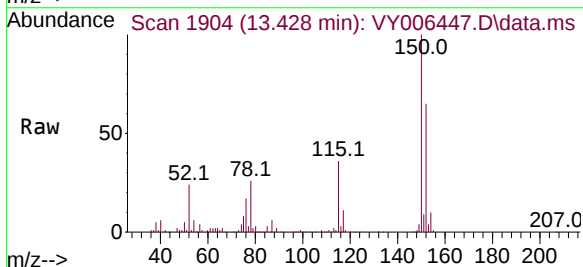
Instrument :
MSVOA_Y
ClientSampleId :
MH-DD-D

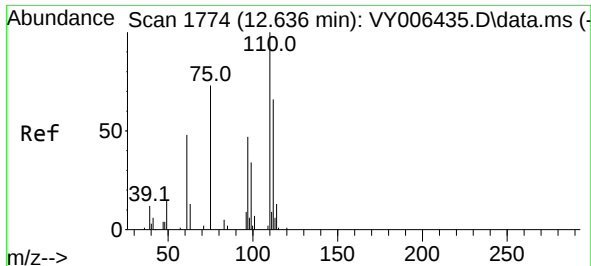
Tgt Ion:117 Resp: 161248
Ion Ratio Lower Upper
117 100
82 58.7 45.7 68.5
119 31.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

Tgt Ion:152 Resp: 71206
Ion Ratio Lower Upper
152 100
115 56.1 28.5 85.5
150 154.7 0.0 348.2

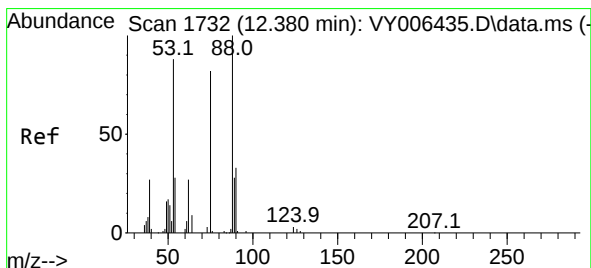
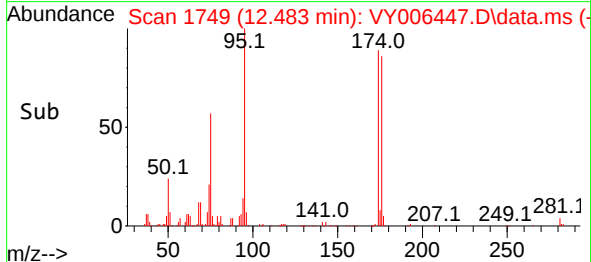
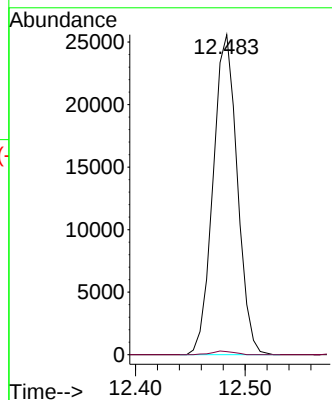
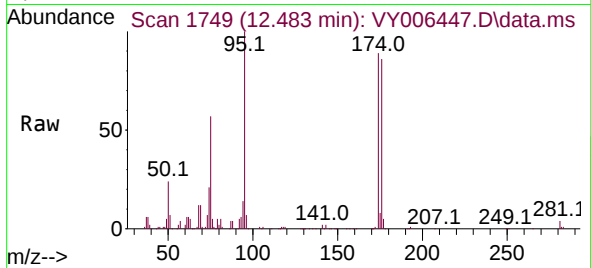




#76
1,2,3-Trichloropropane
Concen: 53.534 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

Instrument :
MSVOA_Y
ClientSampleId :
MH-DD-D

Tgt Ion: 75 Resp: 39281
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.903 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

Tgt Ion: 75 Resp: 39281
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.1 39.3 58.9#

