

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006536.D
 Acq On : 29 Oct 2021 13:44
 Operator : SY/MD
 Sample : M4406-05
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 02:59:24 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)

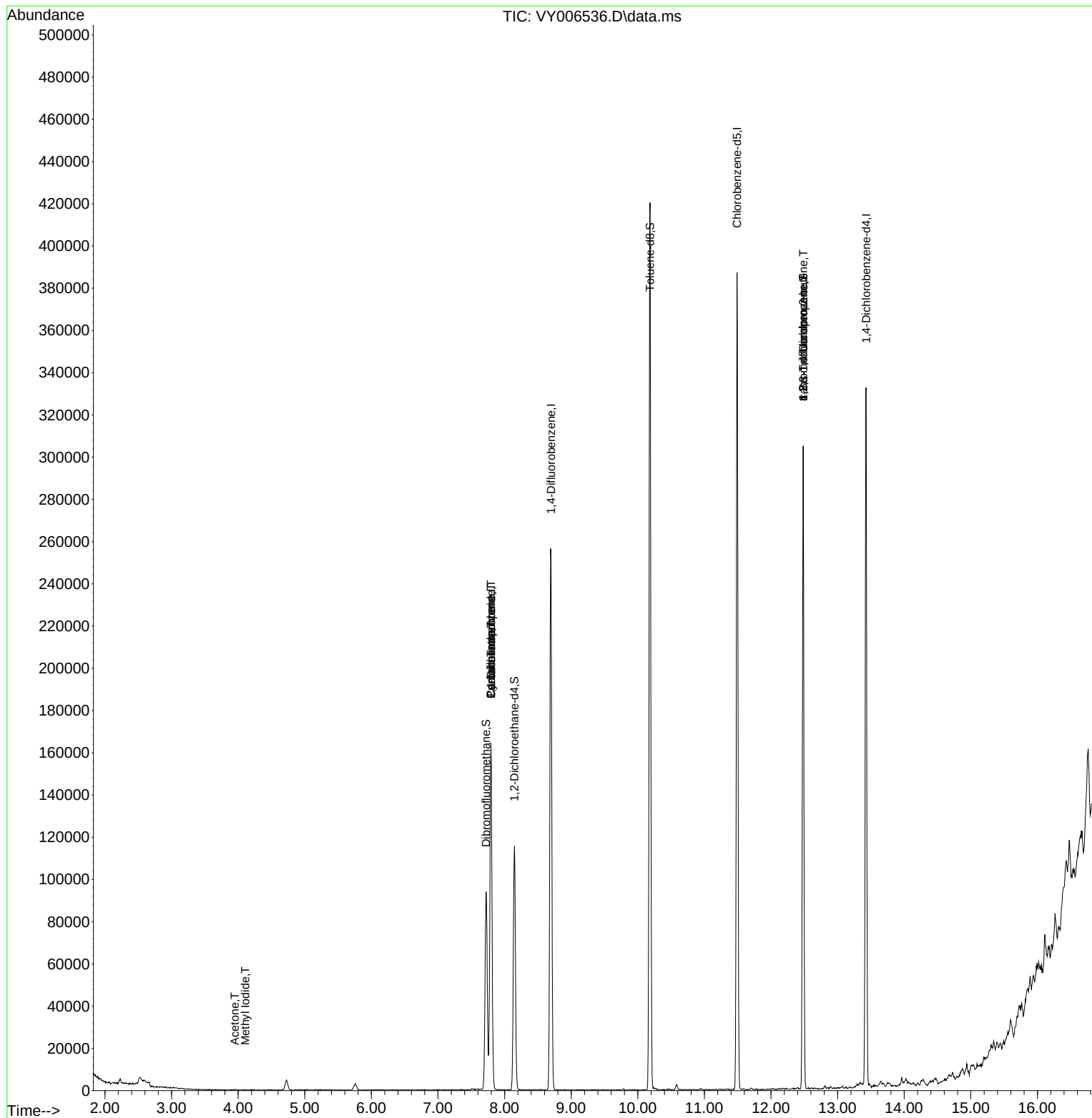
Internal Standards						
1) Pentafluorobenzene	7.795	168	121963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	205708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91902	61.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.460%	
35) Dibromofluoromethane	7.722	113	63799	55.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.280%	
50) Toluene-d8	10.185	98	263485	54.210	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.420%	
62) 4-Bromofluorobenzene	12.483	95	84063	51.343	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.680%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	174	5.190	ug/l #	36
16) Acetone	3.948	43	650	1.504	ug/l #	46
20) Methylene Chloride	4.722	84	3046	Below Cal		98
31) Cyclohexane	7.795	56	3083	1.269	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	10423	5.128	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11971	5.339	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	48572	58.834	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48572	120.784	ug/l #	7

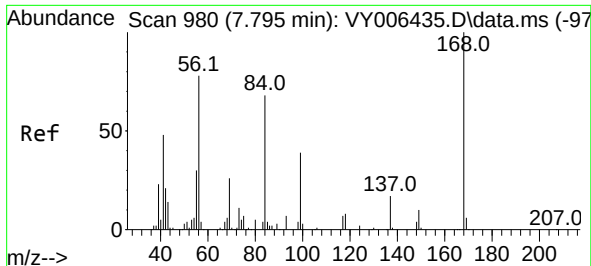
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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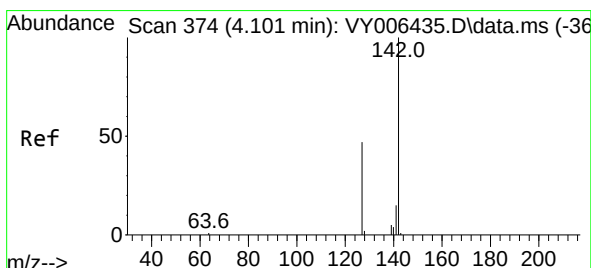
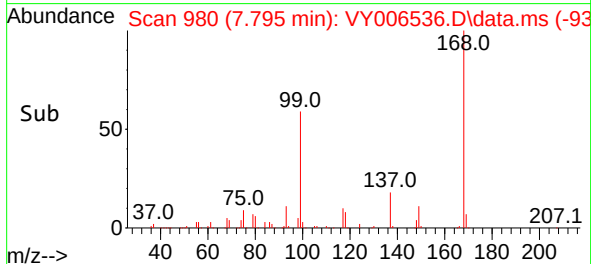
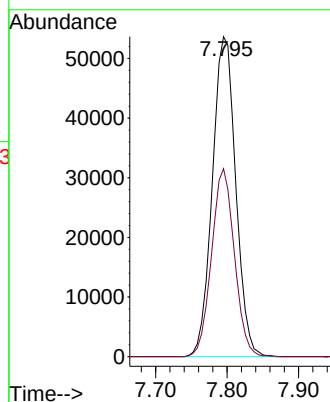
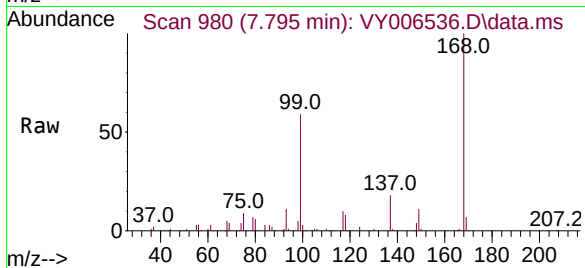




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006536.D
Acq: 29 Oct 2021 13:44

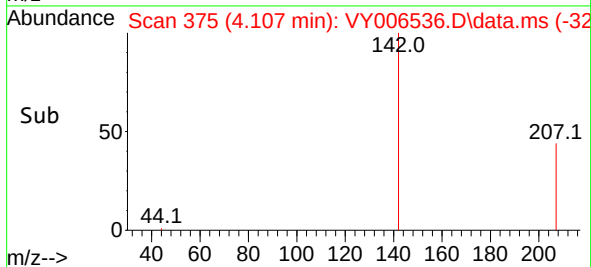
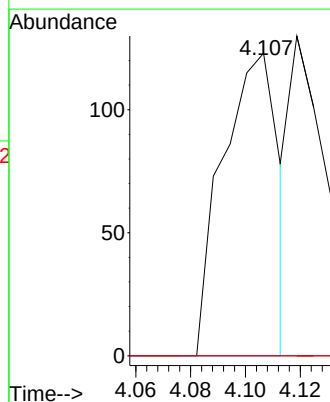
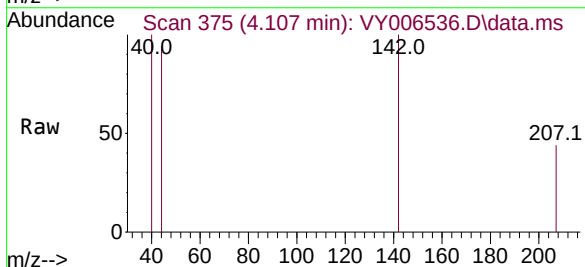
Instrument :
MSVOA_Y
ClientSampleId :

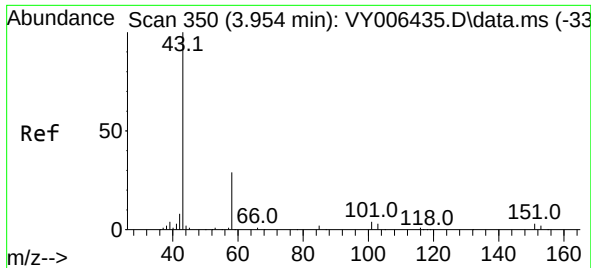
Tgt Ion:168 Resp: 121963
Ion Ratio Lower Upper
168 100
99 58.7 44.8 67.2



#10
Methyl Iodide
Concen: 5.190 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006536.D
Acq: 29 Oct 2021 13:44

Tgt Ion:142 Resp: 174
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

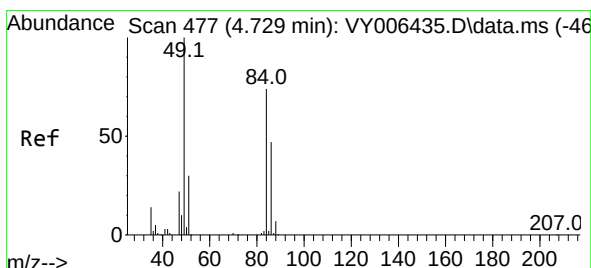
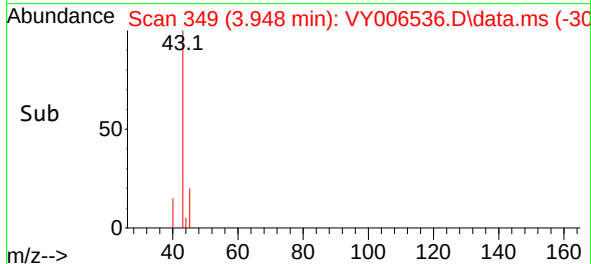
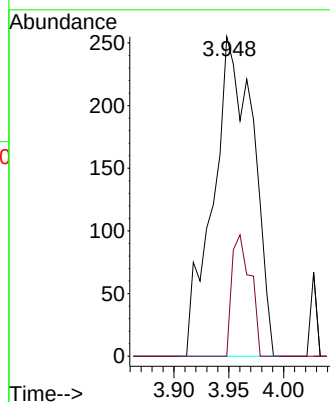
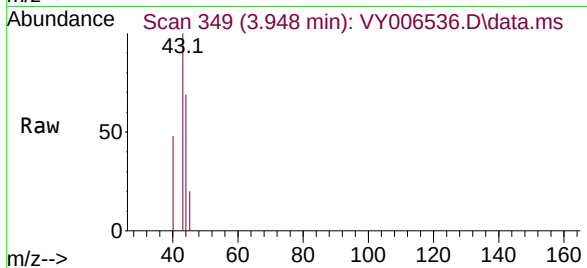




#16
Acetone
Concen: 1.504 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY006536.D
Acq: 29 Oct 2021 13:44

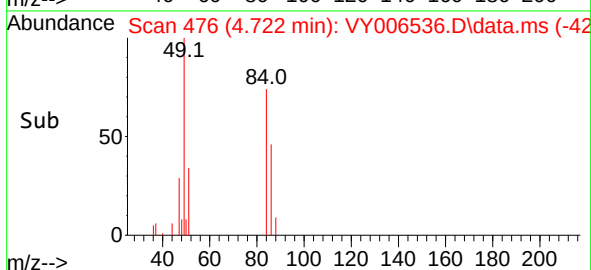
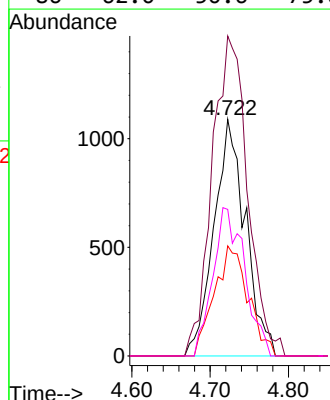
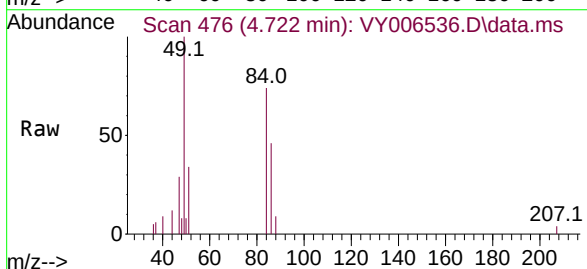
Instrument :
MSVOA_Y
ClientSampleId :

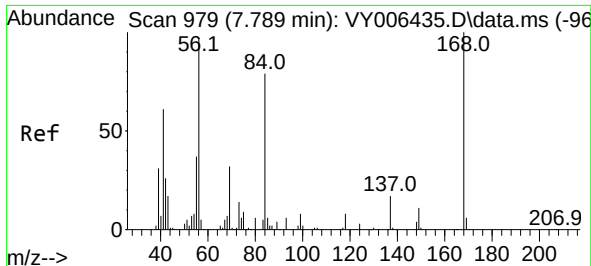
Tgt Ion: 43 Resp: 650
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006536.D
Acq: 29 Oct 2021 13:44

Tgt Ion: 84 Resp: 3046
Ion Ratio Lower Upper
84 100
49 135.3 107.8 161.8
51 46.6 32.8 49.2
86 62.0 50.6 75.8

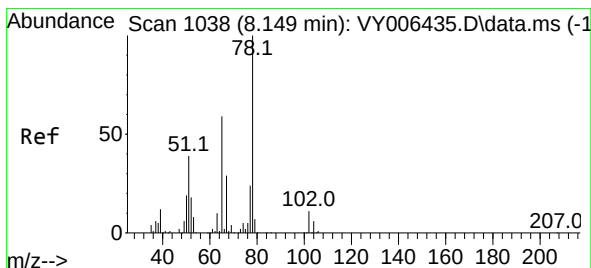
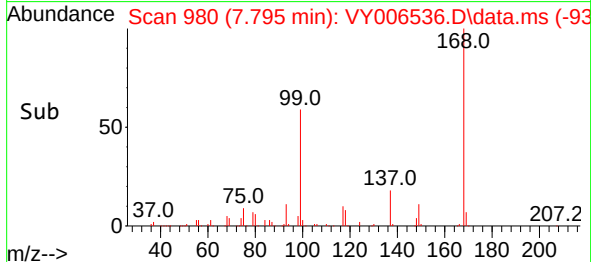
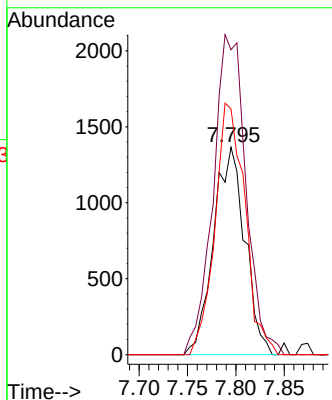
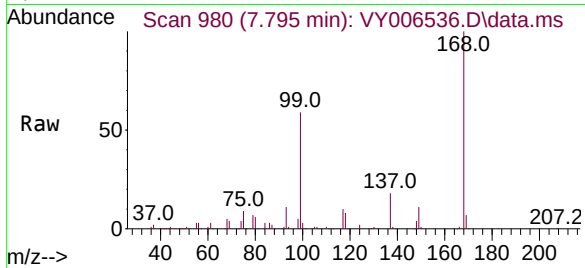




#31
Cyclohexane
Concen: 1.269 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006536.D
Acq: 29 Oct 2021 13:44

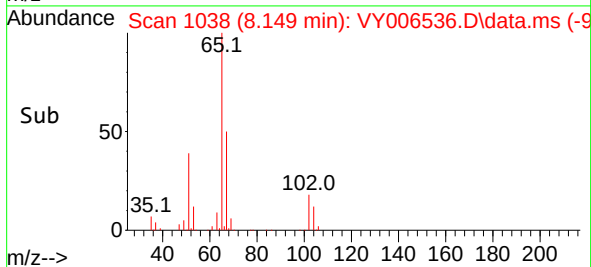
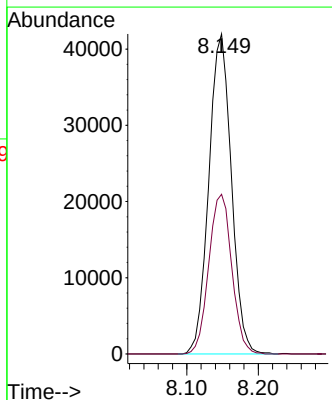
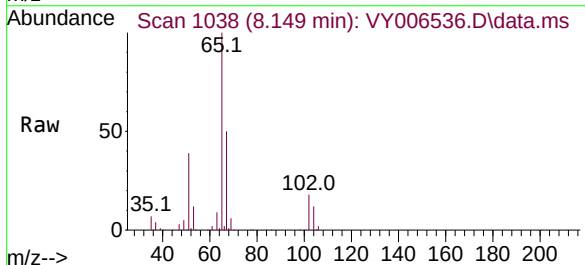
Instrument :
MSVOA_Y
ClientSampleId :

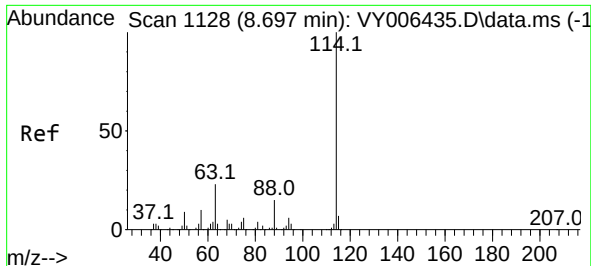
Tgt Ion: 56 Resp: 3083
Ion Ratio Lower Upper
56 100
69 147.0 26.6 40.0#
84 118.5 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 61.234 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006536.D
Acq: 29 Oct 2021 13:44

Tgt Ion: 65 Resp: 91902
Ion Ratio Lower Upper
65 100
67 50.8 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: VY006536.D

Acq: 29 Oct 2021 13:44

Instrument :

MSVOA_Y

ClientSampleId :

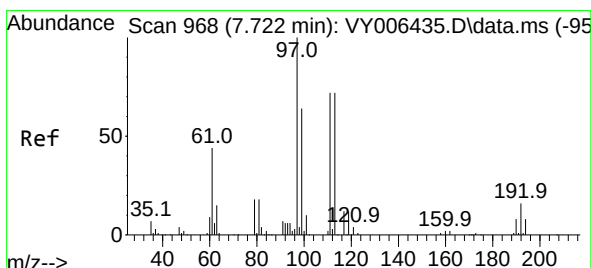
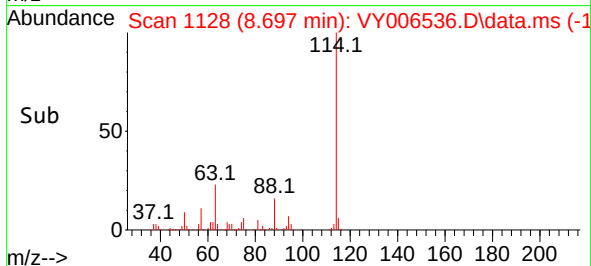
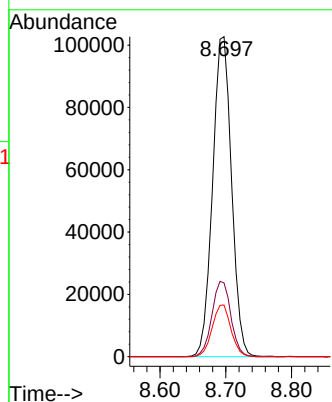
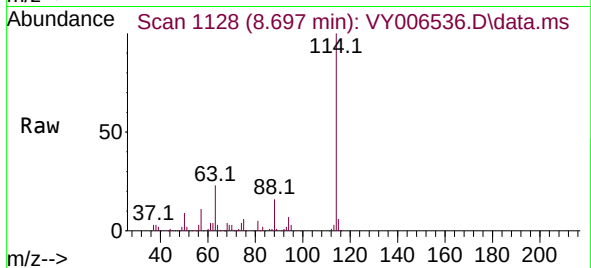
Tgt Ion:114 Resp: 205708

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.644 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY006536.D

Acq: 29 Oct 2021 13:44

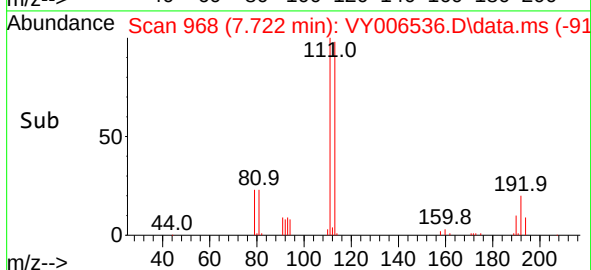
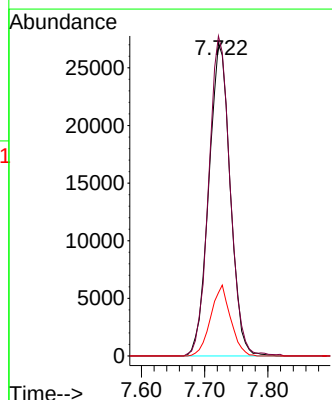
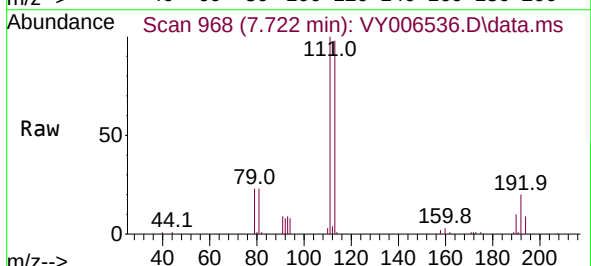
Tgt Ion:113 Resp: 63799

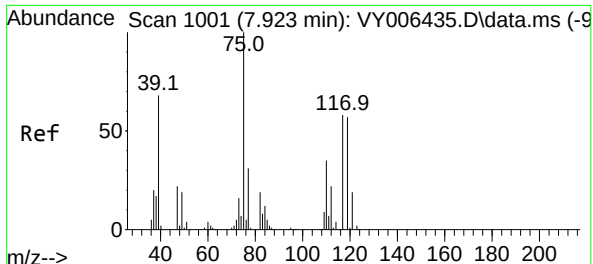
Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

192 21.1 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.128 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006536.D

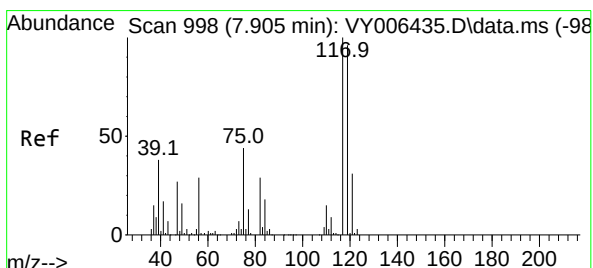
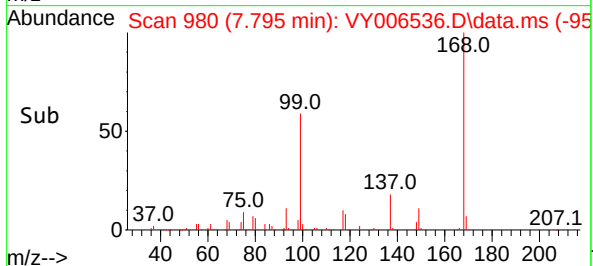
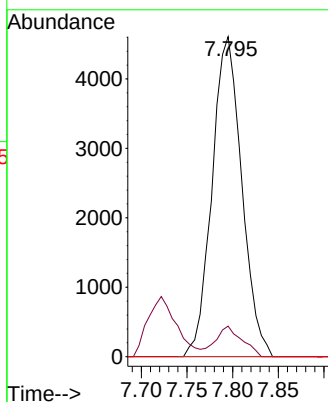
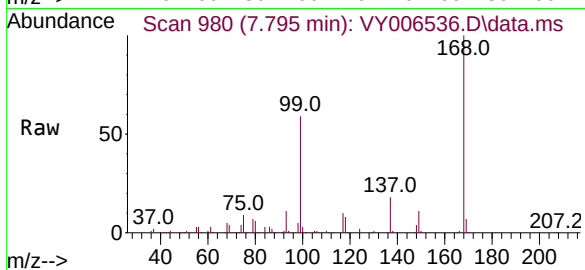
Acq: 29 Oct 2021 13:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 10423
Ion Ratio	Lower Upper
75	100
110	8.5 17.1 51.3#
77	0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.339 ug/l

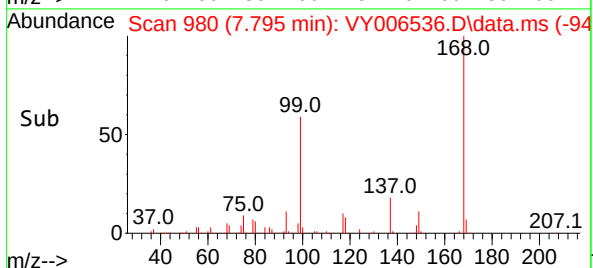
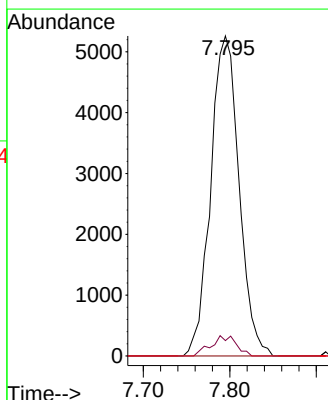
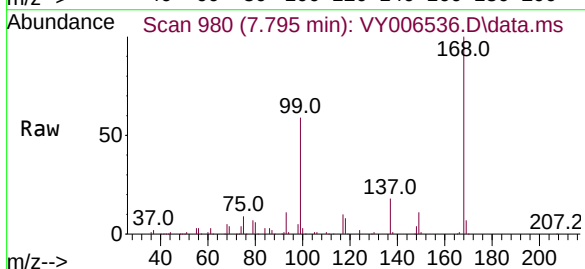
RT: 7.795 min Scan# 980

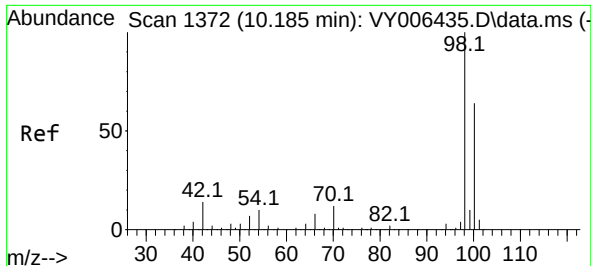
Delta R.T. -0.110 min

Lab File: VY006536.D

Acq: 29 Oct 2021 13:44

Tgt Ion: 117	Resp: 11971
Ion Ratio	Lower Upper
117	100
119	4.8 76.6 115.0#
121	0.0 24.7 37.1#

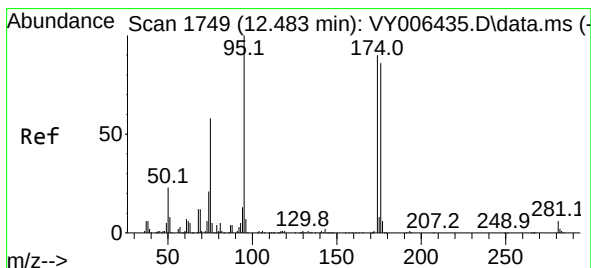
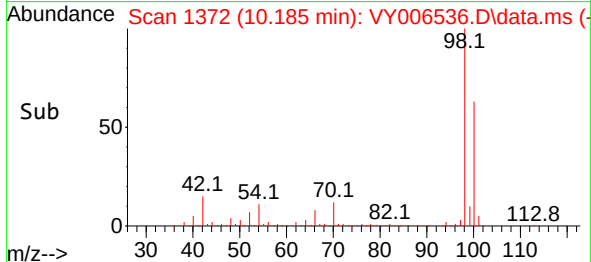
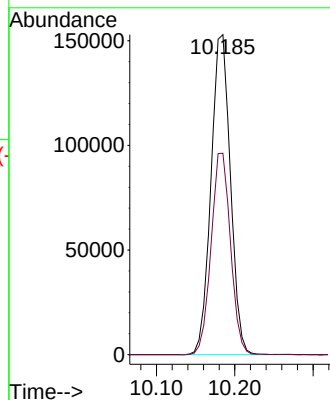
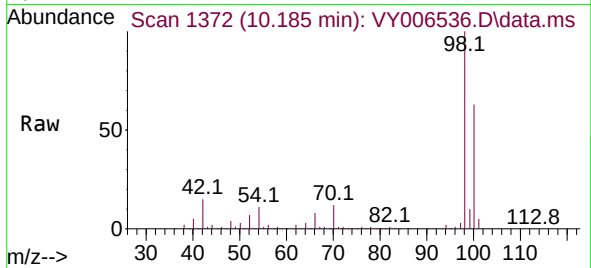




#50
Toluene-d8
Concen: 54.210 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006536.D
Acq: 29 Oct 2021 13:44

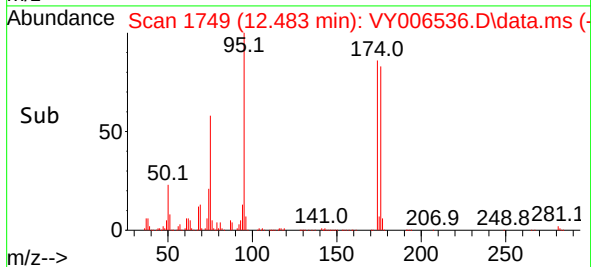
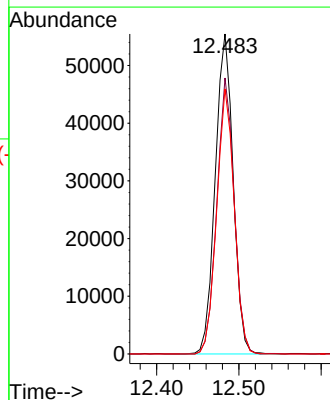
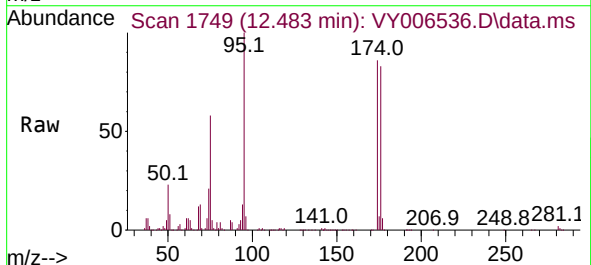
Instrument :
MSVOA_Y
ClientSampleId :

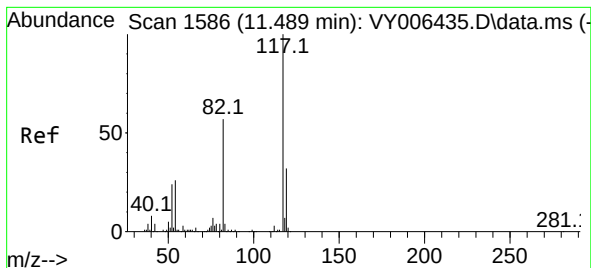
Tgt Ion: 98 Resp: 263485
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.343 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006536.D
Acq: 29 Oct 2021 13:44

Tgt Ion: 95 Resp: 84063
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 81.0 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: VY006536.D

Acq: 29 Oct 2021 13:44

Instrument :

MSVOA_Y

ClientSampleId :

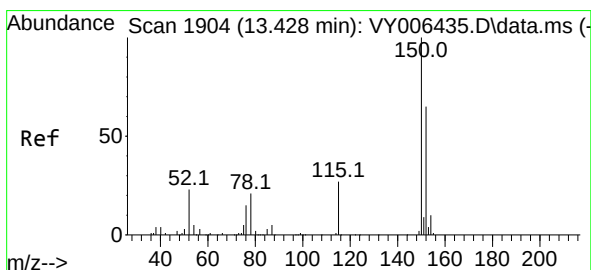
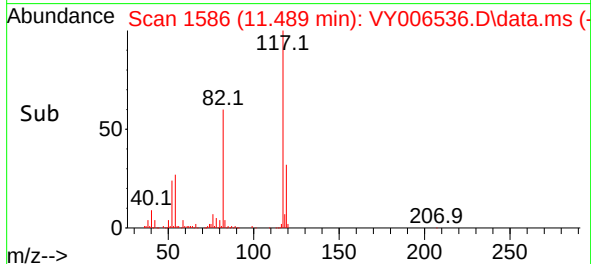
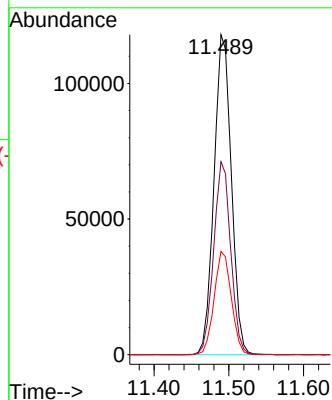
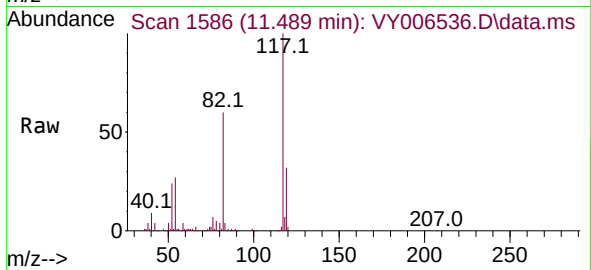
Tgt Ion:117 Resp: 190501

Ion Ratio Lower Upper

117 100

82 60.3 45.7 68.5

119 32.2 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: VY006536.D

Acq: 29 Oct 2021 13:44

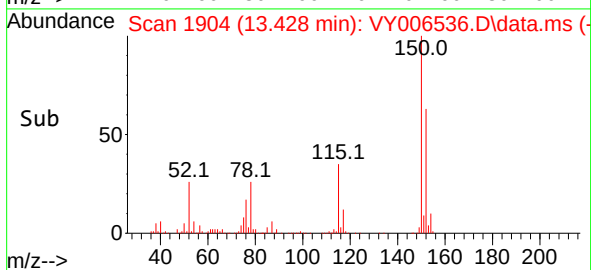
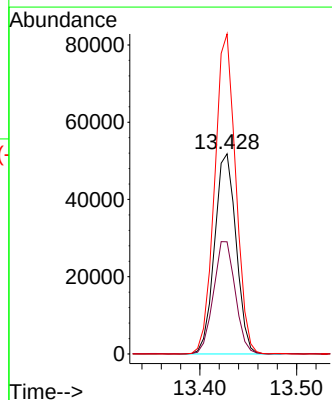
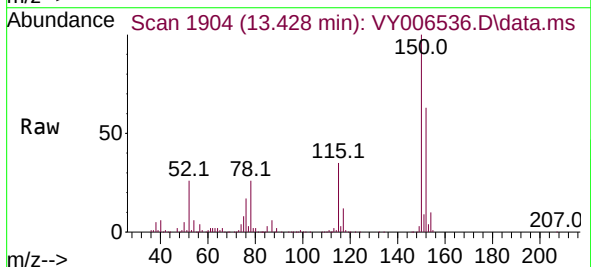
Tgt Ion:152 Resp: 80116

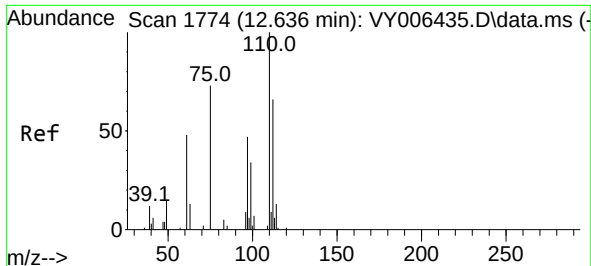
Ion Ratio Lower Upper

152 100

115 56.7 28.5 85.5

150 156.3 0.0 348.2

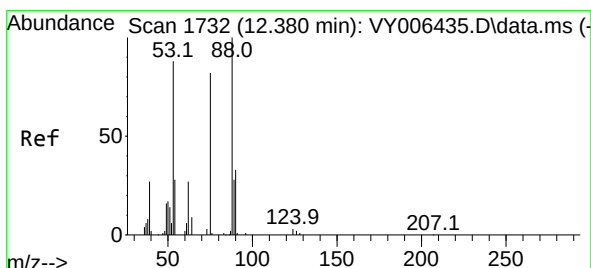
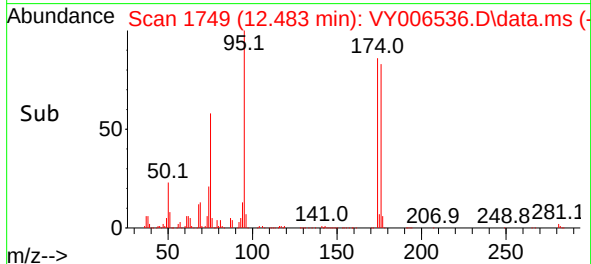
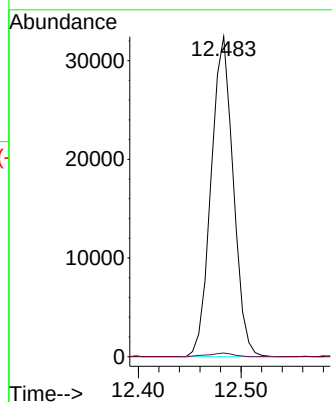
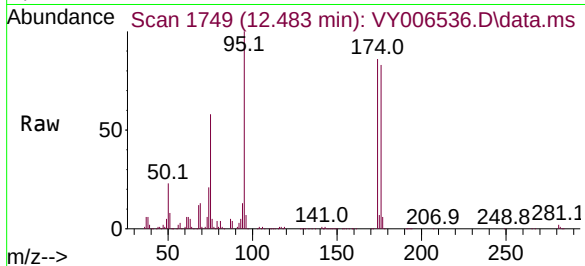




#76
1,2,3-Trichloropropane
Concen: 58.834 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006536.D
Acq: 29 Oct 2021 13:44

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 48572
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.784 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006536.D
Acq: 29 Oct 2021 13:44

Tgt Ion: 75 Resp: 48572
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.0 39.3 58.9#

