

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006678.D
 Acq On : 08 Nov 2021 14:21
 Operator : SY/MD
 Sample : M4498-07RE
 Misc : 5.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 13:04:14 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)

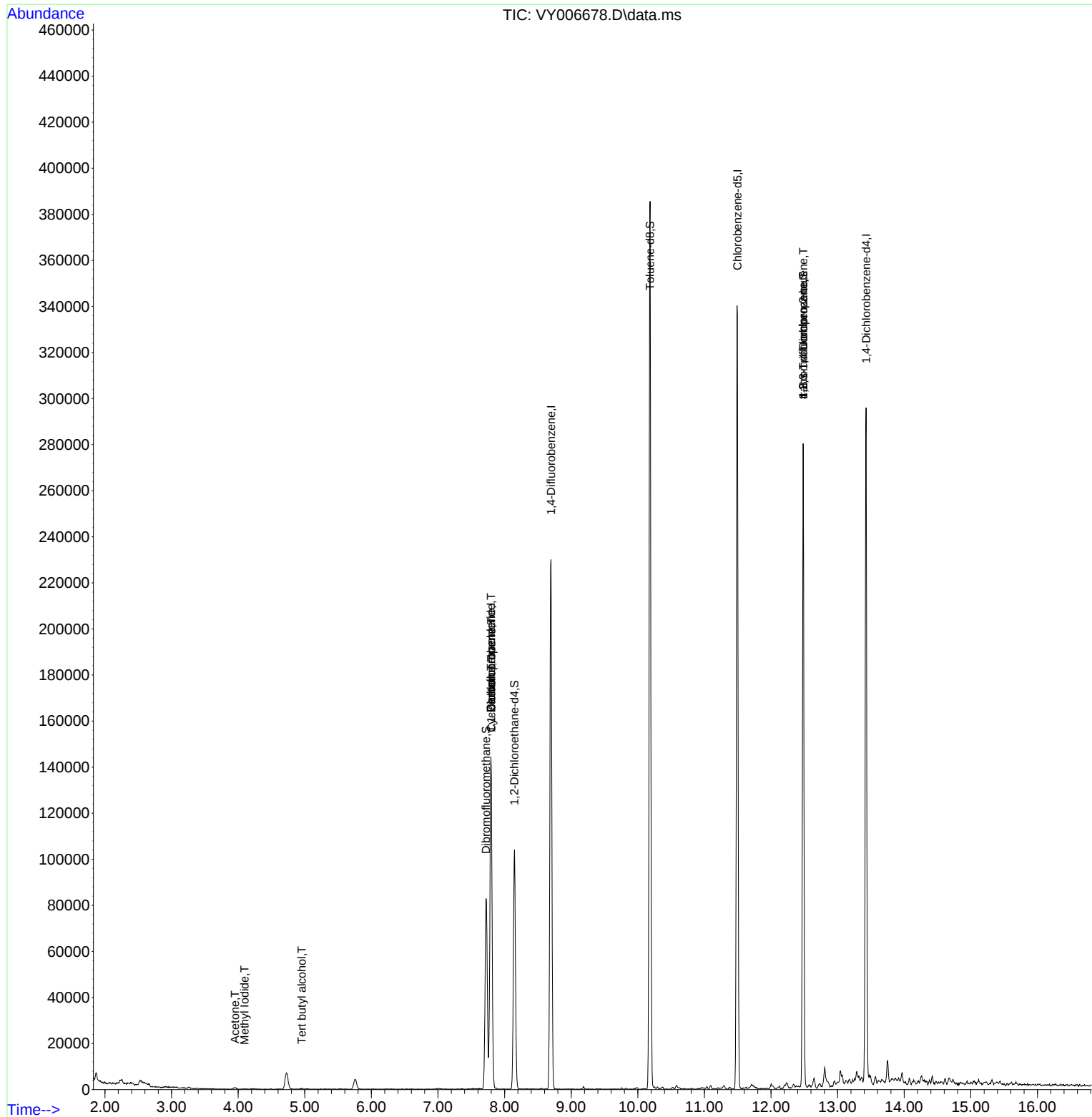
Internal Standards						
1) Pentafluorobenzene	7.795	168	107732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	183620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	170274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82136	61.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.920%	
35) Dibromofluoromethane	7.722	113	54659	53.407	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.820%	
50) Toluene-d8	10.185	98	236591	54.532	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.060%	
62) 4-Bromofluorobenzene	12.483	95	74596	51.042	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.080%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.095	142	212	5.239	ug/l #	36
11) Tert butyl alcohol	4.954	59	272	2.258	ug/l #	72
16) Acetone	3.954	43	1239	3.246	ug/l #	85
31) Cyclohexane	7.801	56	2894	1.348	ug/l #	24
36) 1,1-Dichloropropene	7.801	75	9021	4.972	ug/l #	51
38) Carbon Tetrachloride	7.795	117	10848	5.420	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	42194	59.164	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42194	121.461	ug/l #	7

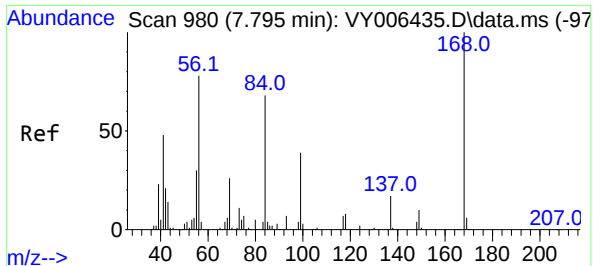
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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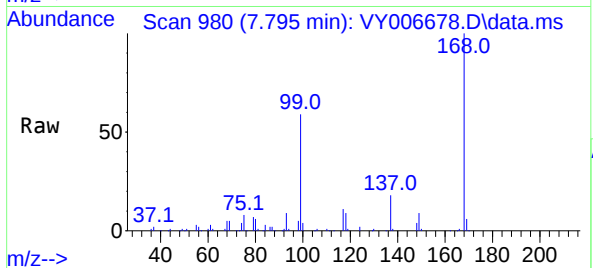
Quant Time: Nov 09 13:04:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
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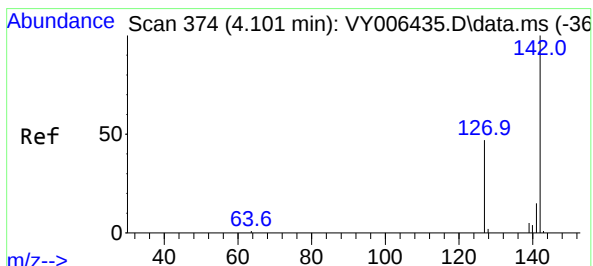
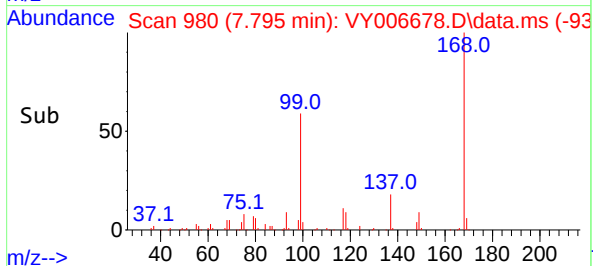
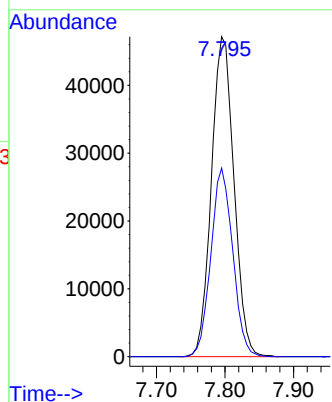


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

Instrument :
MSVOA_Y
ClientSampleId :

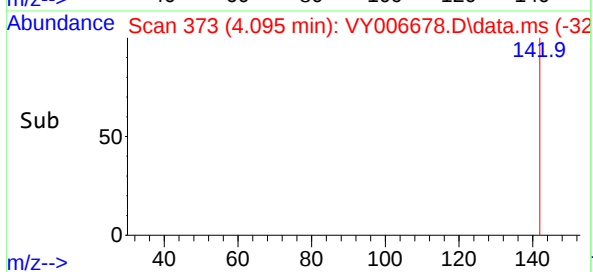
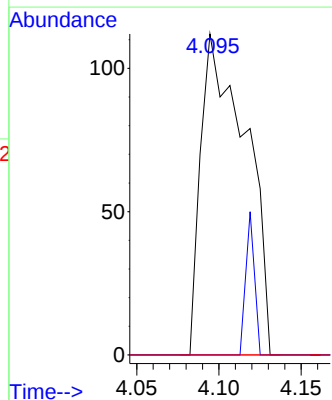
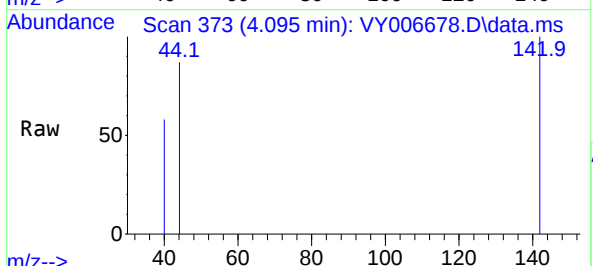


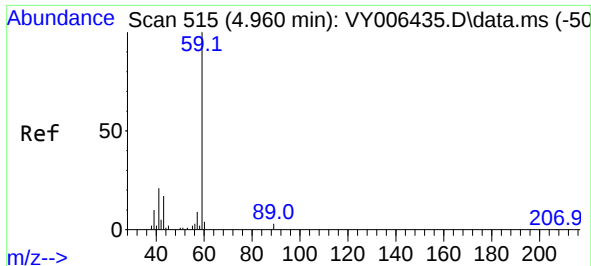
Tgt Ion:168 Resp: 107732
Ion Ratio Lower Upper
168 100
99 58.9 44.8 67.2



#10
Methyl Iodide
Concen: 5.239 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

Tgt Ion:142 Resp: 212
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 2.258 ug/l

RT: 4.954 min Scan# 515

Delta R.T. -0.006 min

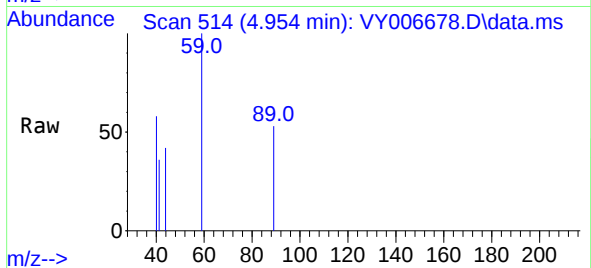
Lab File: VY006678.D

Acq: 08 Nov 2021 14:21

Instrument :

MSVOA_Y

ClientSampleId :

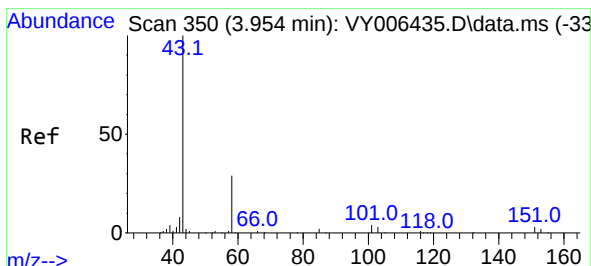
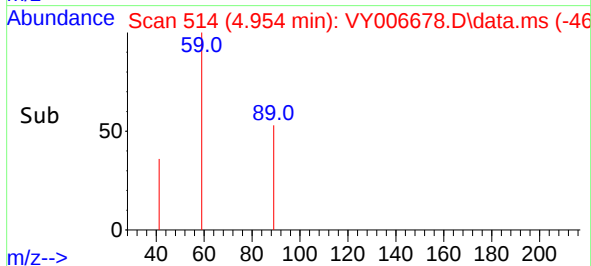
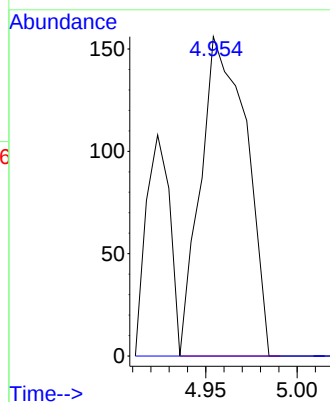


Tgt Ion: 59 Resp: 272

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 3.246 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY006678.D

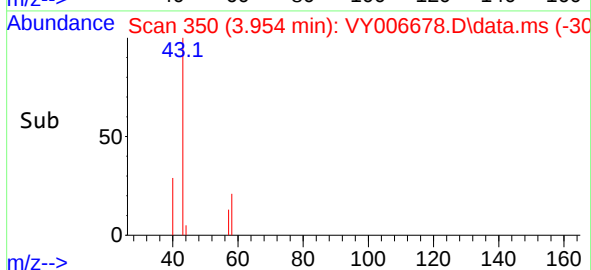
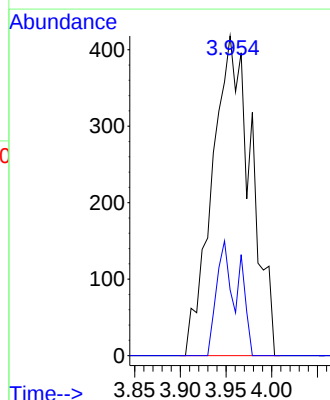
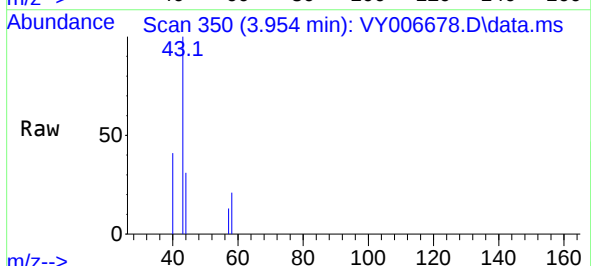
Acq: 08 Nov 2021 14:21

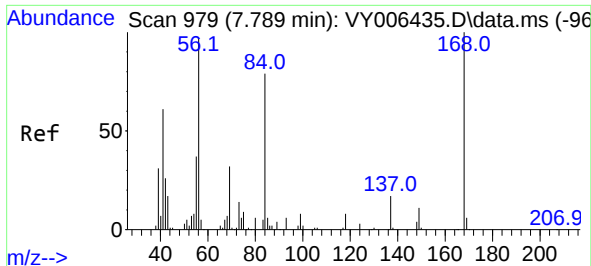
Tgt Ion: 43 Resp: 1239

Ion Ratio Lower Upper

43 100

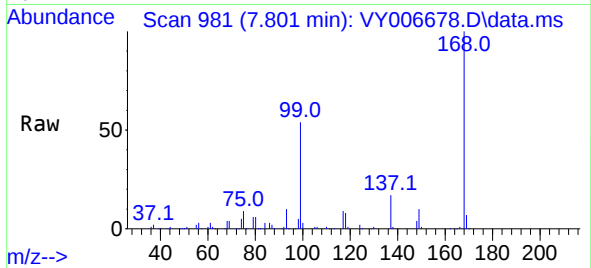
58 20.6 22.9 34.3#



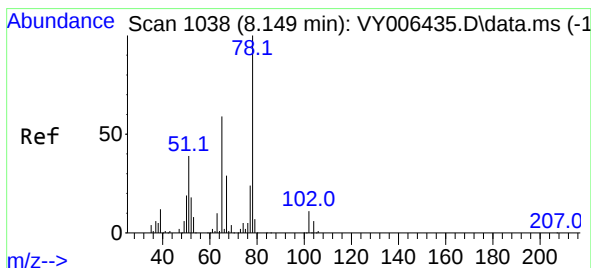
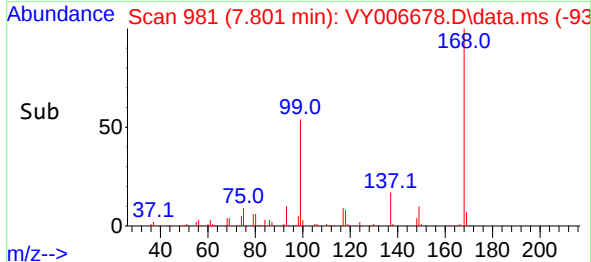
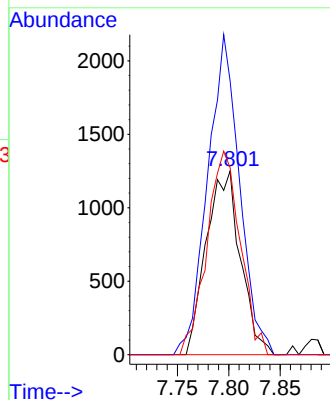


#31
Cyclohexane
Concen: 1.348 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

Instrument :
MSVOA_Y
ClientSampleId :

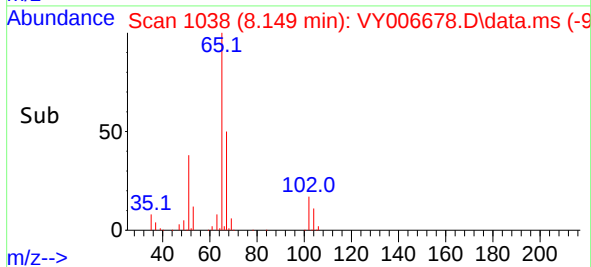
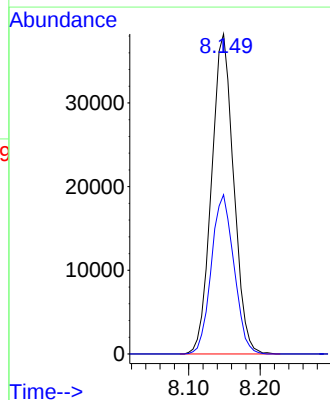
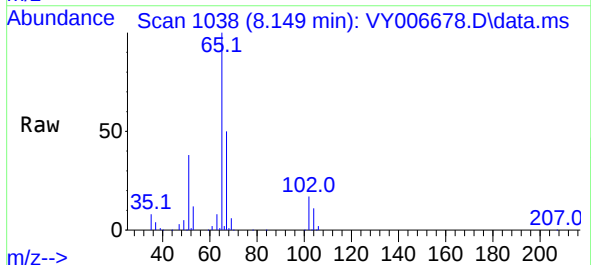


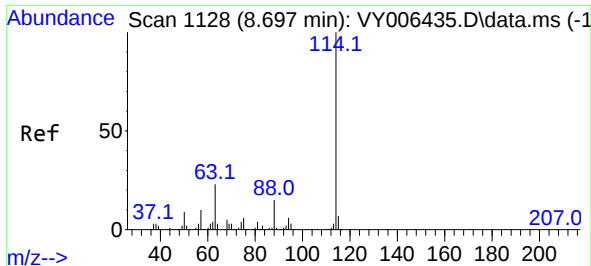
Tgt Ion: 56 Resp: 2894
Ion Ratio Lower Upper
56 100
69 149.0 26.6 40.0#
84 101.8 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 61.956 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

Tgt Ion: 65 Resp: 82136
Ion Ratio Lower Upper
65 100
67 50.9 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: VY006678.D

Acq: 08 Nov 2021 14:21

Instrument :

MSVOA_Y

ClientSampleId :

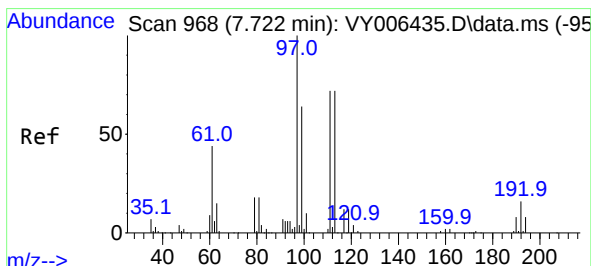
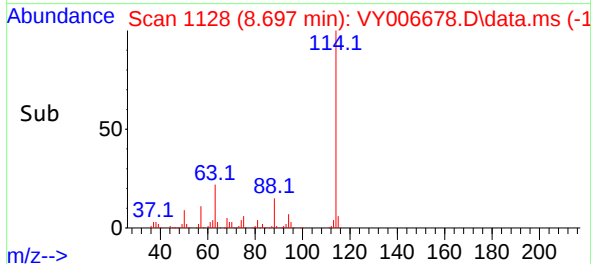
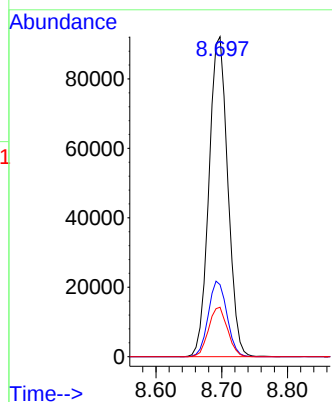
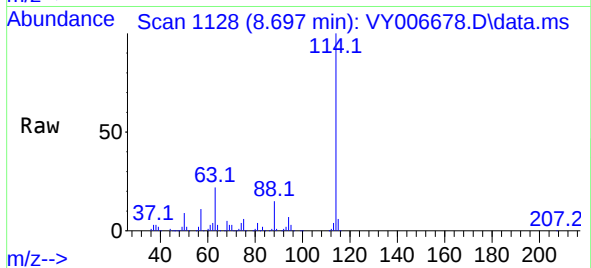
Tgt Ion:114 Resp: 183620

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.407 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006678.D

Acq: 08 Nov 2021 14:21

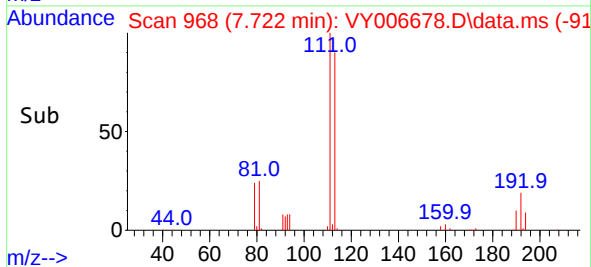
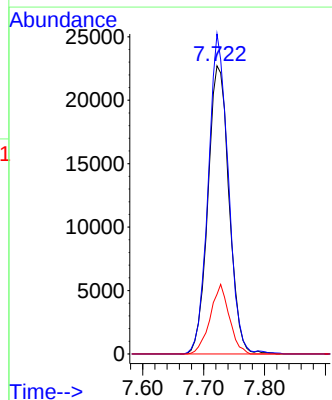
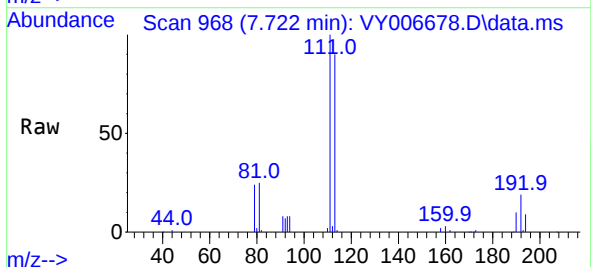
Tgt Ion:113 Resp: 54659

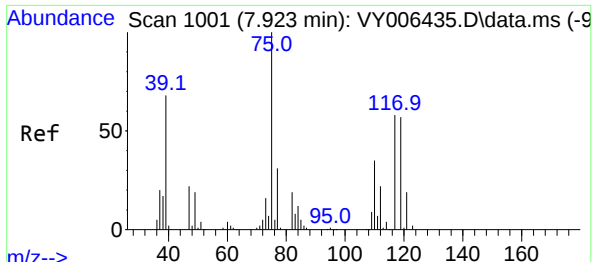
Ion Ratio Lower Upper

113 100

111 105.0 82.3 123.5

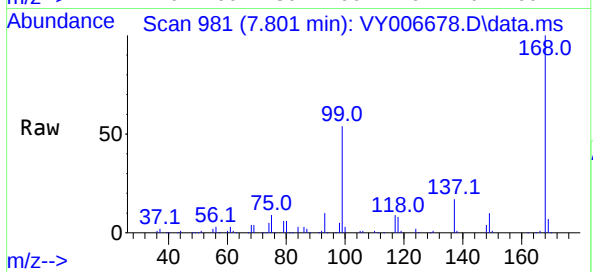
192 21.9 17.4 26.2



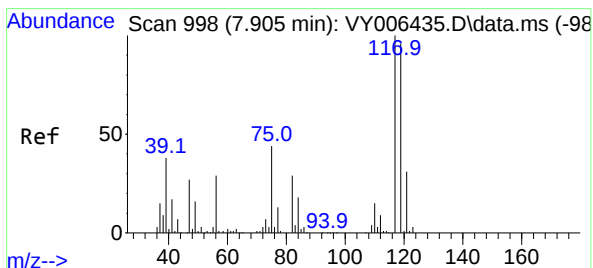
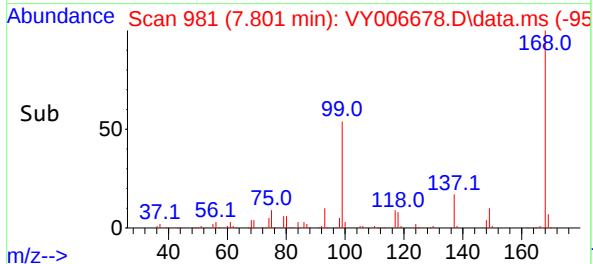
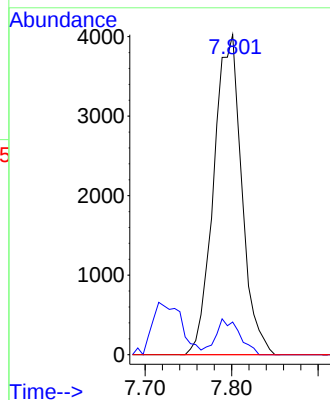


#36
1,1-Dichloropropene
Concen: 4.972 ug/l
RT: 7.801 min Scan# 90
Delta R.T. -0.122 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

Instrument :
MSVOA_Y
ClientSampleId :

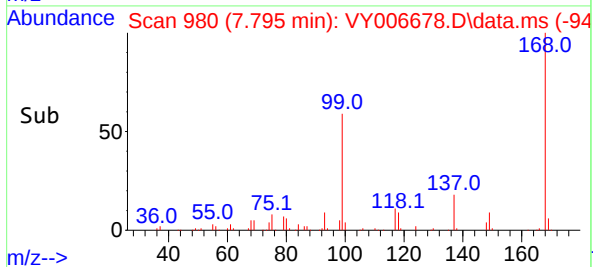
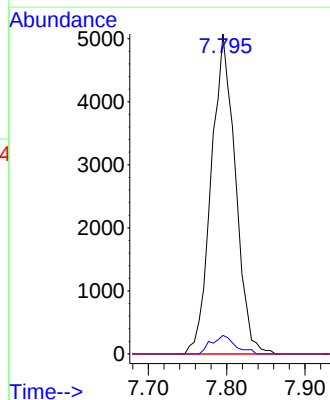
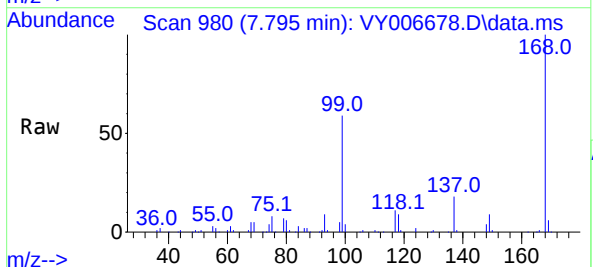


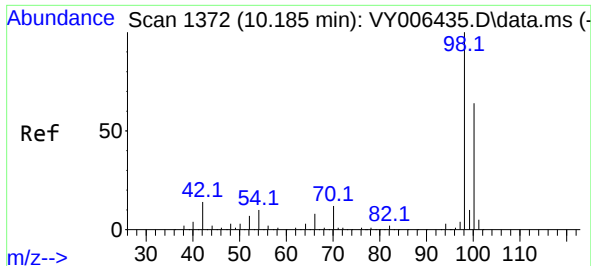
Tgt Ion: 75 Resp: 9021
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.420 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

Tgt Ion: 117 Resp: 10848
Ion Ratio Lower Upper
117 100
119 5.8 76.6 115.0#
121 0.0 24.7 37.1#

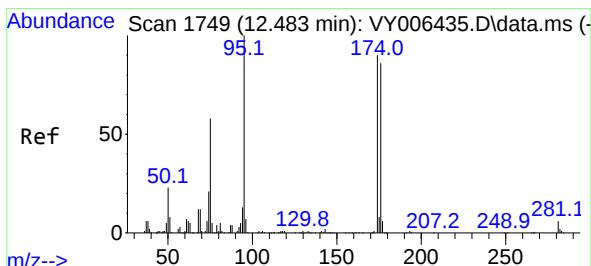
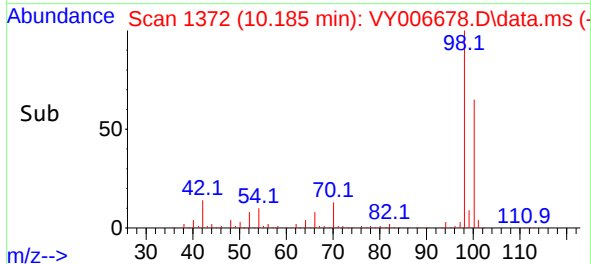
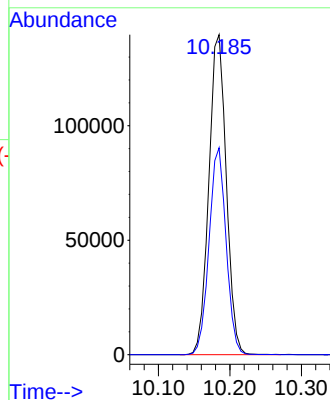
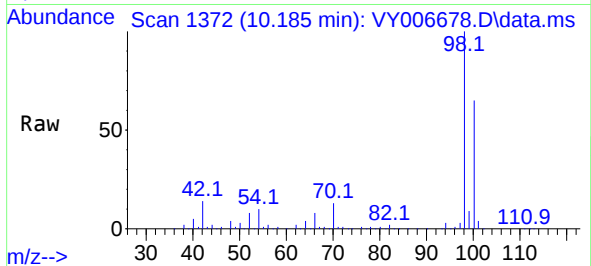




#50
Toluene-d8
Concen: 54.532 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

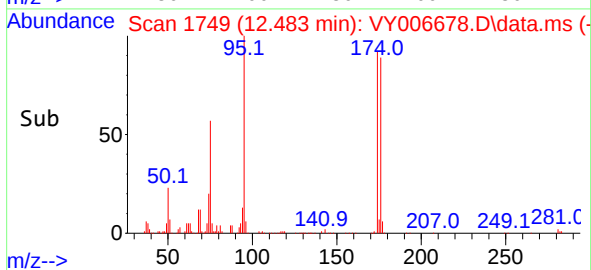
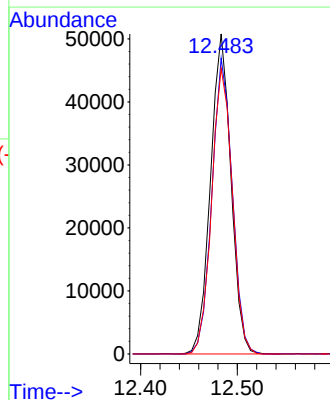
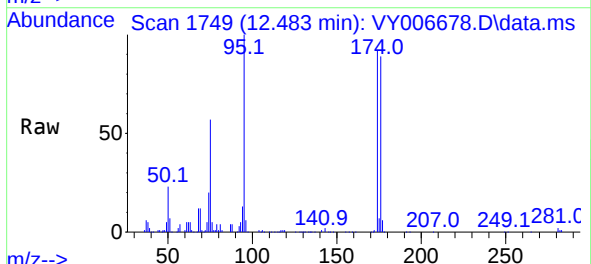
Instrument :
MSVOA_Y
ClientSampleId :

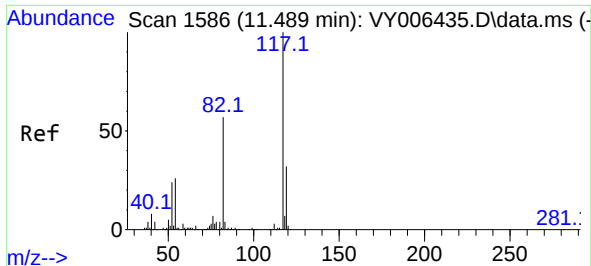
Tgt Ion: 98 Resp: 236591
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.042 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

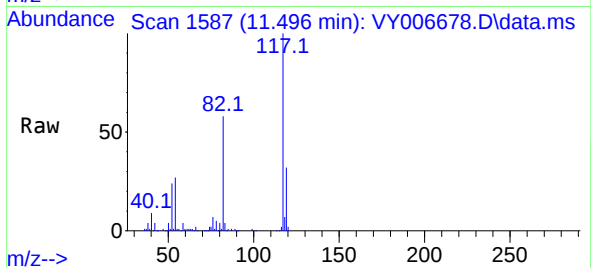
Tgt Ion: 95 Resp: 74596
Ion Ratio Lower Upper
95 100
174 91.7 0.0 177.0
176 90.1 0.0 169.4



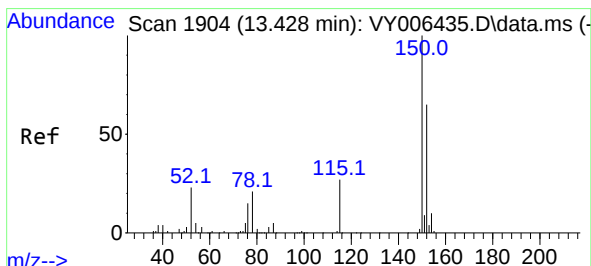
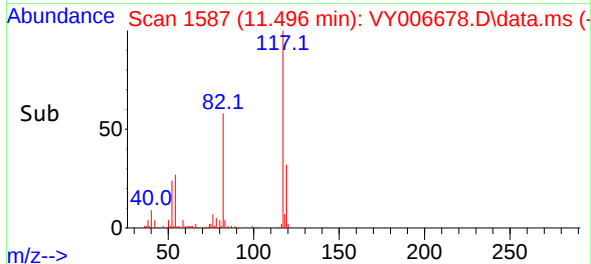
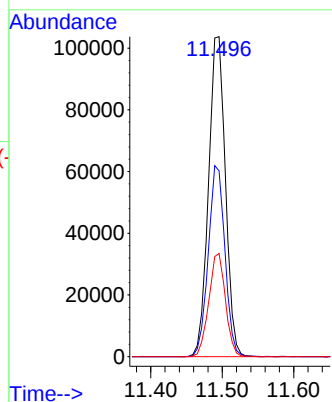


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

Instrument :
MSVOA_Y
ClientSampleId :

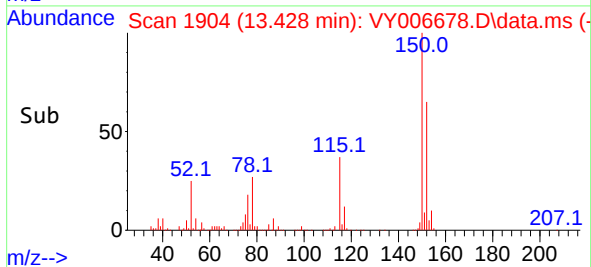
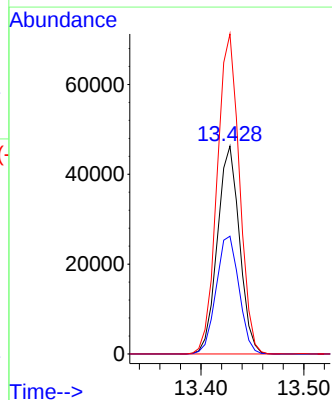
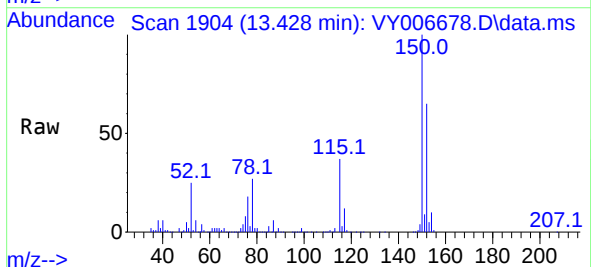


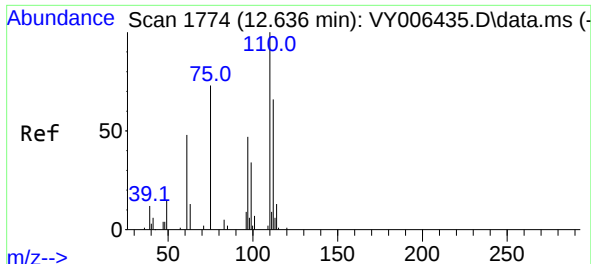
Tgt Ion:117 Resp: 170274
Ion Ratio Lower Upper
117 100
82 58.1 45.7 68.5
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

Tgt Ion:152 Resp: 69208
Ion Ratio Lower Upper
152 100
115 58.6 28.5 85.5
150 154.7 0.0 348.2

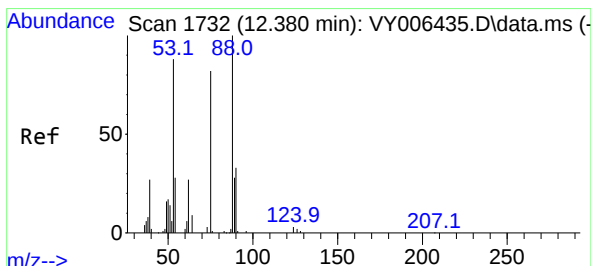
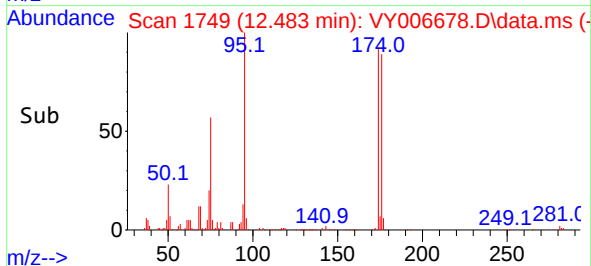
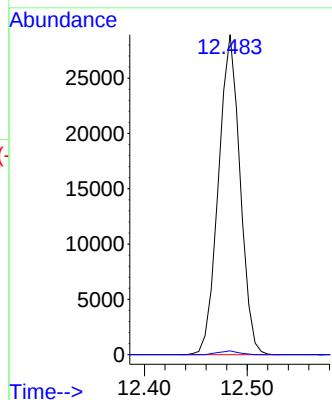
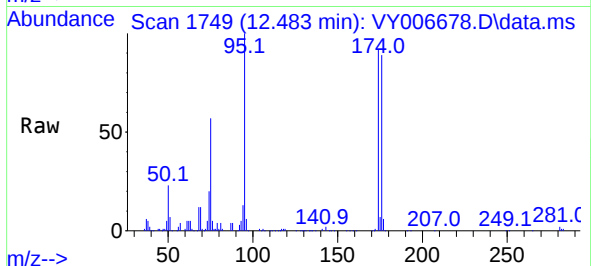




#76
1,2,3-Trichloropropane
Concen: 59.164 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 42194
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.461 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

Tgt Ion: 75 Resp: 42194
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.0 39.3 58.9#

