

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006657.D
 Acq On : 05 Nov 2021 15:32
 Operator : SY/MD
 Sample : M4477-06
 Misc : 5.03G/10ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:39:31 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)

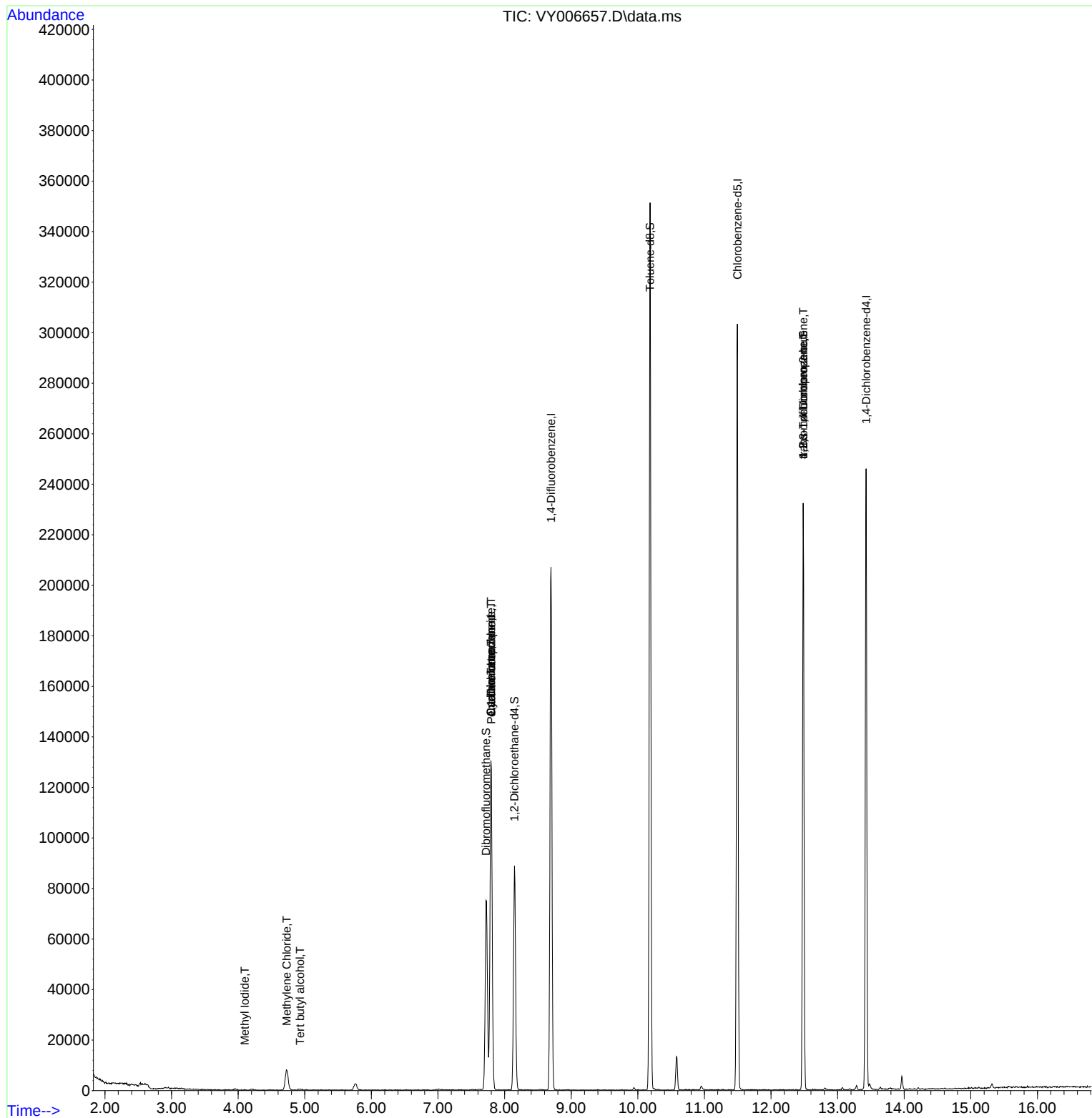
Internal Standards						
1) Pentafluorobenzene	7.801	168	97185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	164513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	149425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	68890	57.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.200%
35) Dibromofluoromethane	7.722	113	49575	54.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.140%
50) Toluene-d8	10.185	98	209138	53.803	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.600%
62) 4-Bromofluorobenzene	12.483	95	62181	47.488	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.980%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	174	5.223	ug/l #	36
11) Tert butyl alcohol	4.930	59	488	4.492	ug/l #	72
20) Methylene Chloride	4.729	84	5351	1.063	ug/l #	90
31) Cyclohexane	7.795	56	2493	1.288	ug/l #	49
36) 1,1-Dichloropropene	7.795	75	8639	5.315	ug/l #	51
38) Carbon Tetrachloride	7.795	117	9780	5.454	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	35007	56.421	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35007	115.831	ug/l #	7

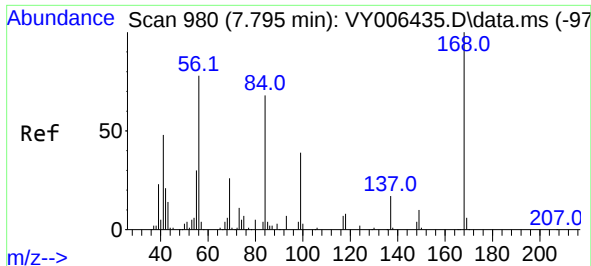
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
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Misc : 5.03G/10ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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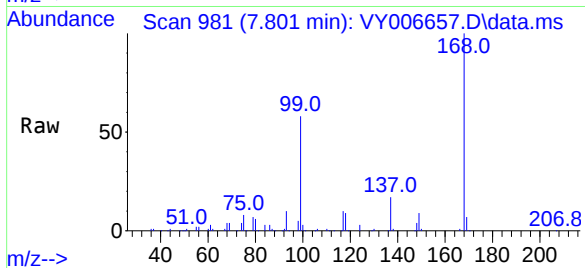
Quant Time: Nov 06 20:39:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
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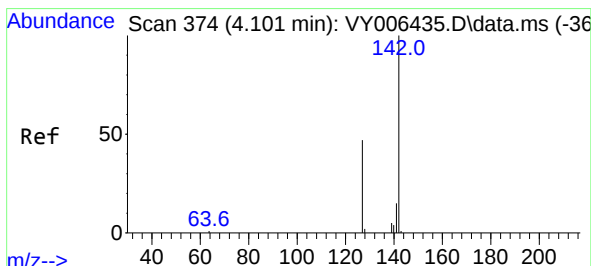
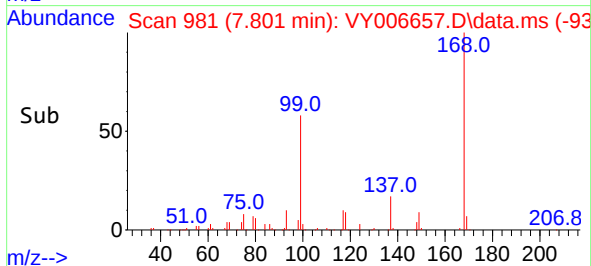
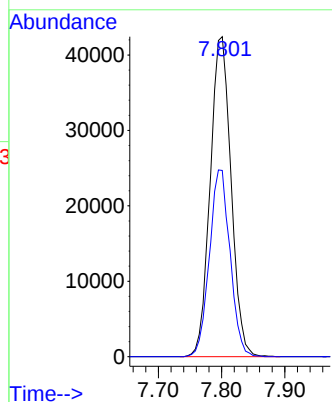


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006657.D
Acq: 05 Nov 2021 15:32

Instrument :
MSVOA_Y
ClientSampleId :

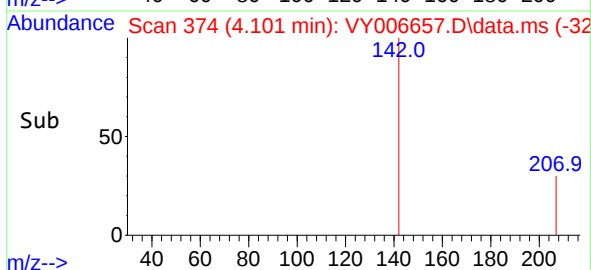
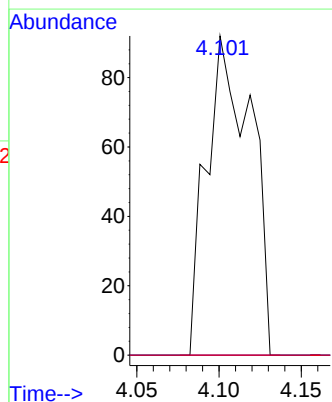
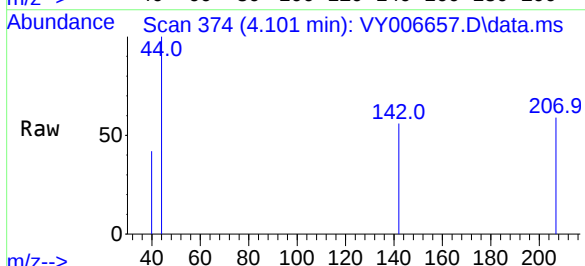


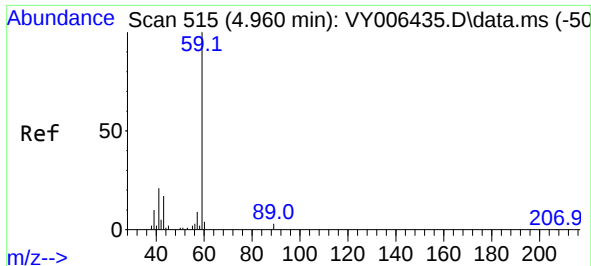
Tgt Ion:168 Resp: 97185
Ion Ratio Lower Upper
168 100
99 58.2 44.8 67.2



#10
Methyl Iodide
Concen: 5.223 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006657.D
Acq: 05 Nov 2021 15:32

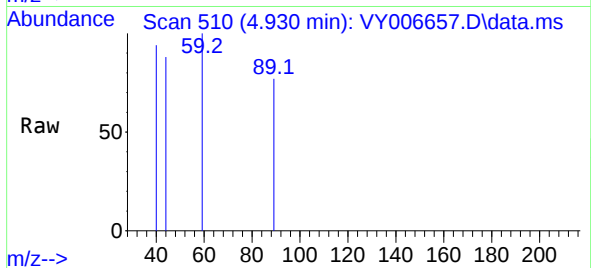
Tgt Ion:142 Resp: 174
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



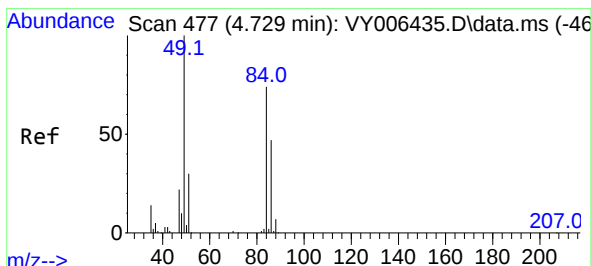
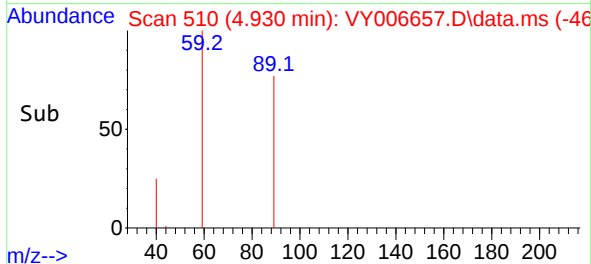
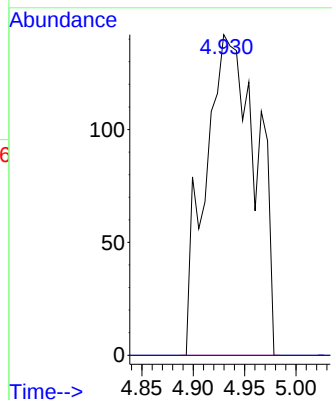


#11
Tert butyl alcohol
Concen: 4.492 ug/l
RT: 4.930 min Scan# 515
Delta R.T. -0.030 min
Lab File: VY006657.D
Acq: 05 Nov 2021 15:32

Instrument :
MSVOA_Y
ClientSampleId :

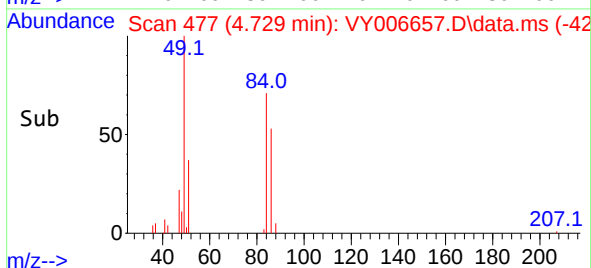
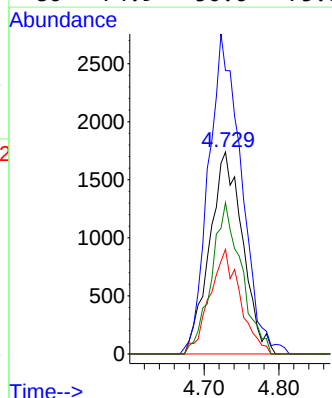
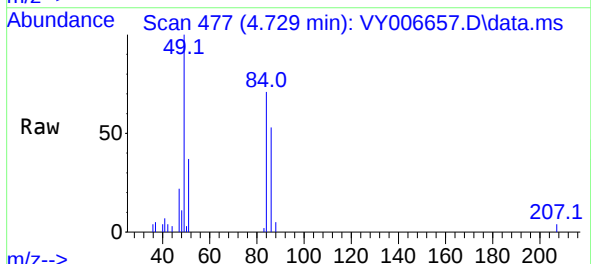


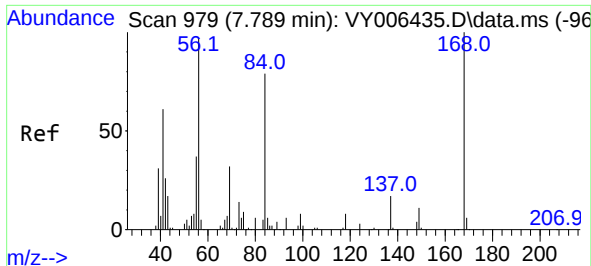
Tgt Ion: 59 Resp: 488
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#20
Methylene Chloride
Concen: 1.063 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006657.D
Acq: 05 Nov 2021 15:32

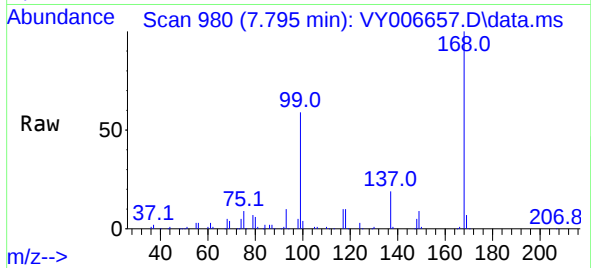
Tgt Ion: 84 Resp: 5351
Ion Ratio Lower Upper
84 100
49 140.3 107.8 161.8
51 51.8 32.8 49.2#
86 74.9 50.6 75.8



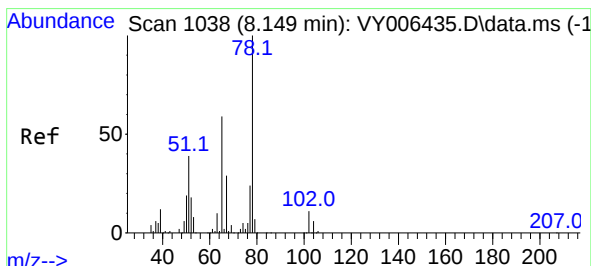
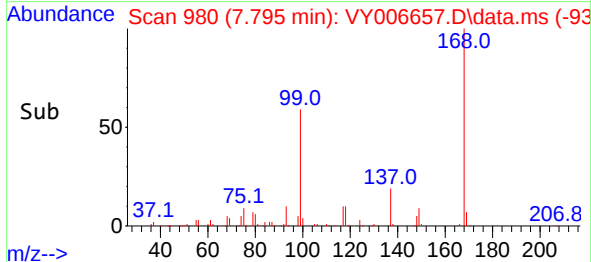
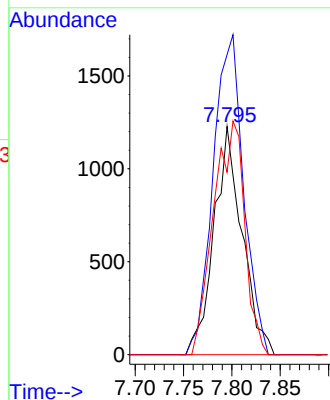


#31
Cyclohexane
Concen: 1.288 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006657.D
Acq: 05 Nov 2021 15:32

Instrument :
MSVOA_Y
ClientSampleId :

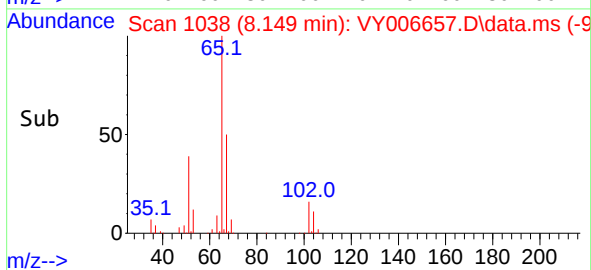
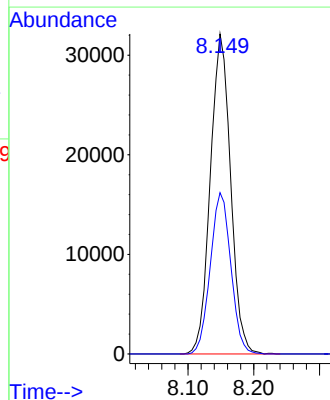
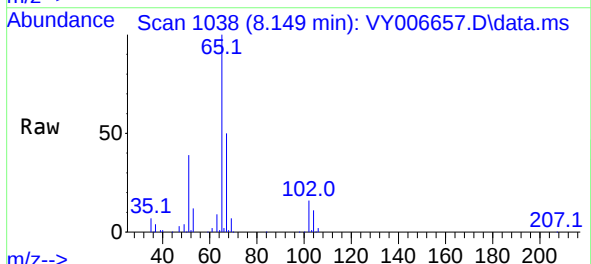


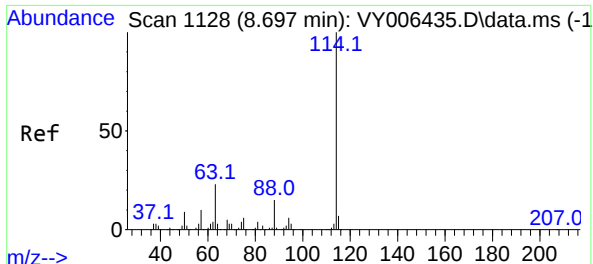
Tgt Ion: 56 Resp: 2493
Ion Ratio Lower Upper
56 100
69 131.4 26.6 40.0#
84 79.9 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 57.604 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006657.D
Acq: 05 Nov 2021 15:32

Tgt Ion: 65 Resp: 68890
Ion Ratio Lower Upper
65 100
67 51.0 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: VY006657.D

Acq: 05 Nov 2021 15:32

Instrument :

MSVOA_Y

ClientSampleId :

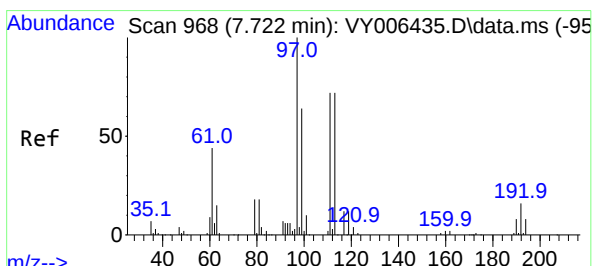
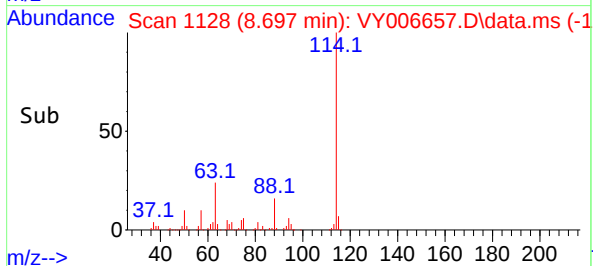
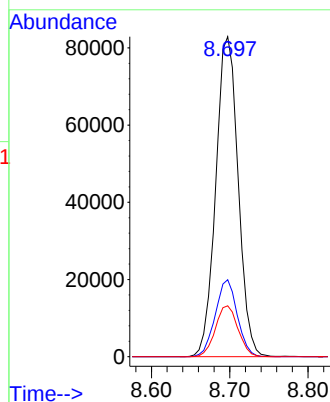
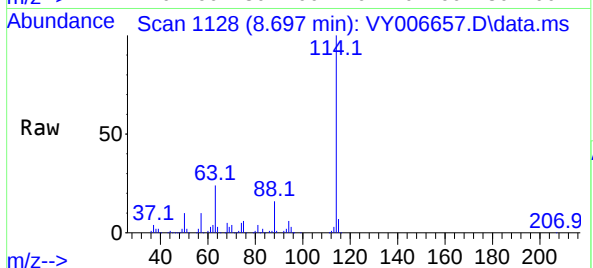
Tgt Ion:114 Resp: 164513

Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.0

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.065 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006657.D

Acq: 05 Nov 2021 15:32

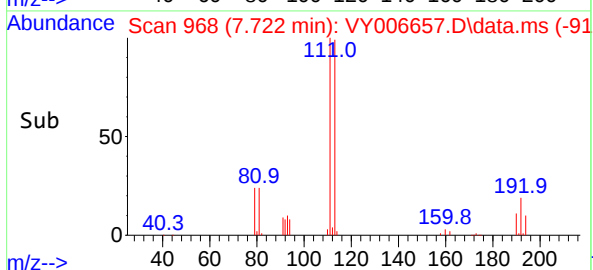
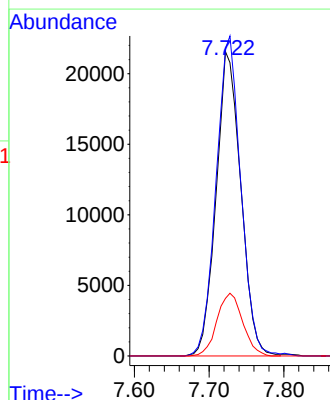
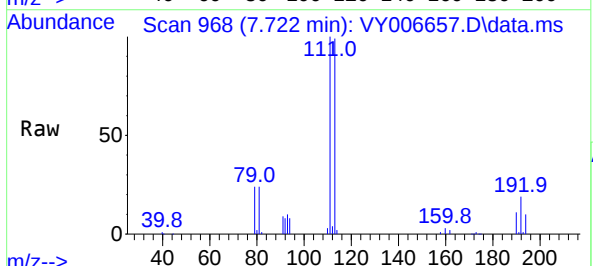
Tgt Ion:113 Resp: 49575

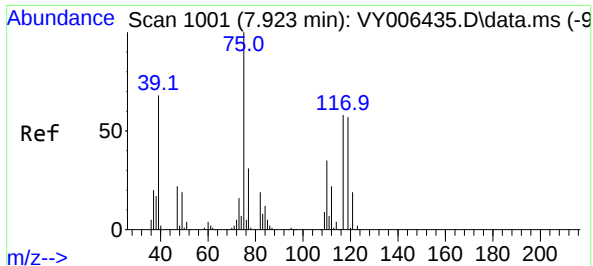
Ion Ratio Lower Upper

113 100

111 105.2 82.3 123.5

192 21.5 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.315 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

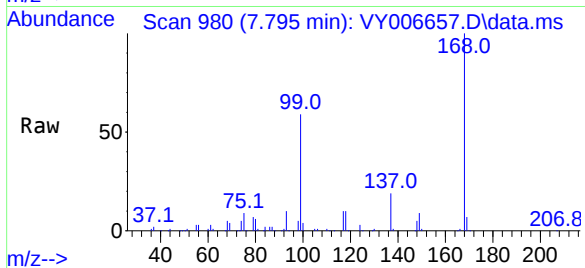
Lab File: VY006657.D

Acq: 05 Nov 2021 15:32

Instrument :

MSVOA_Y

ClientSampleId :



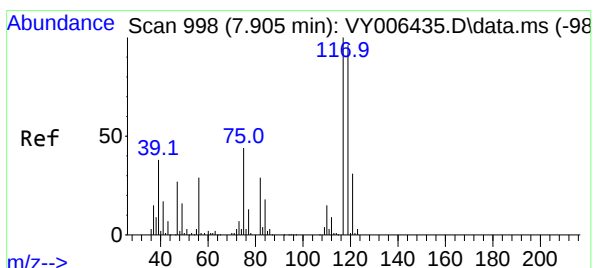
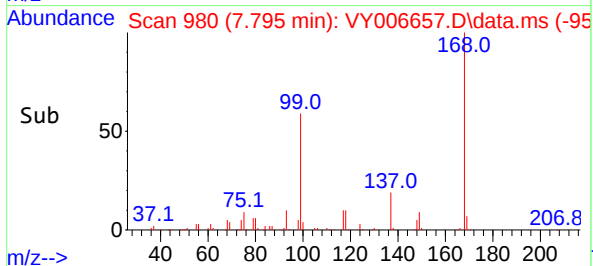
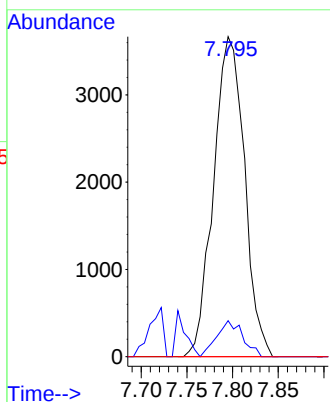
Tgt Ion: 75 Resp: 8639

Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.454 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY006657.D

Acq: 05 Nov 2021 15:32

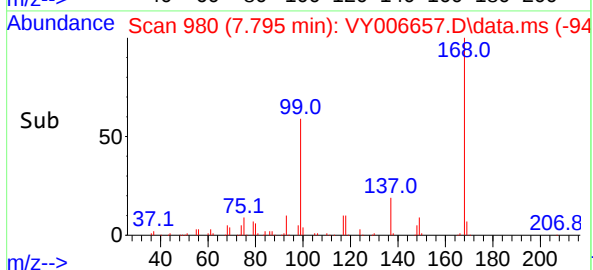
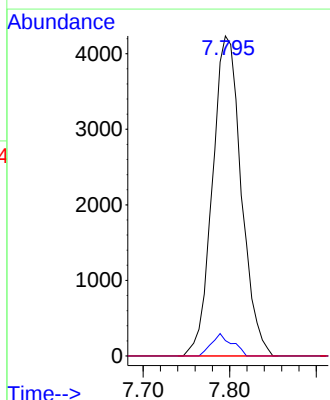
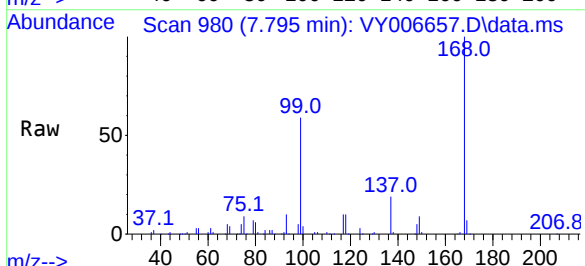
Tgt Ion: 117 Resp: 9780

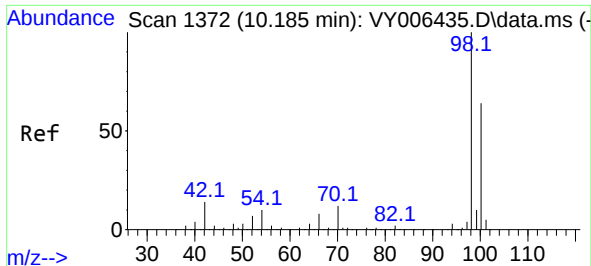
Ion Ratio Lower Upper

117 100

119 4.8 76.6 115.0#

121 0.0 24.7 37.1#

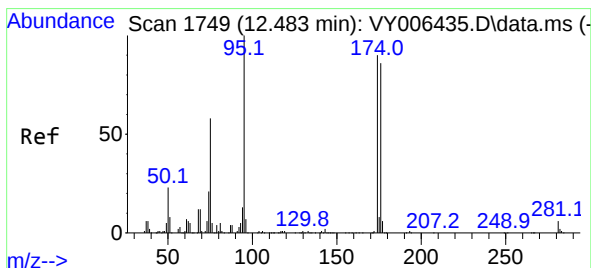
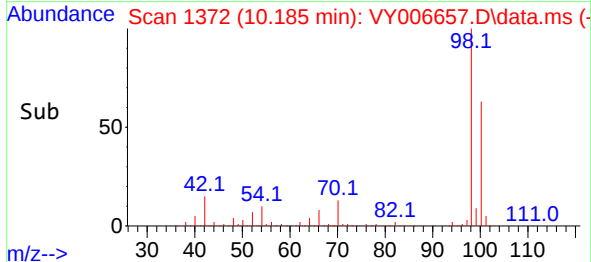
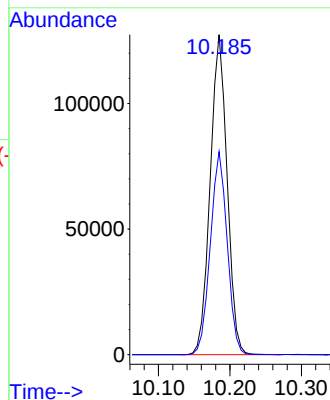
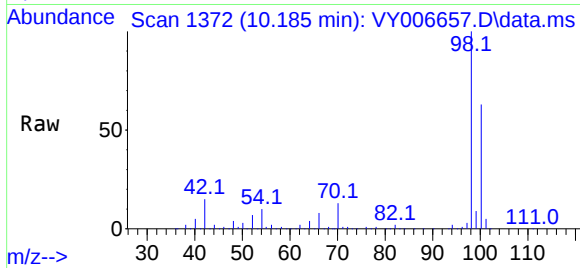




#50
Toluene-d8
Concen: 53.803 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006657.D
Acq: 05 Nov 2021 15:32

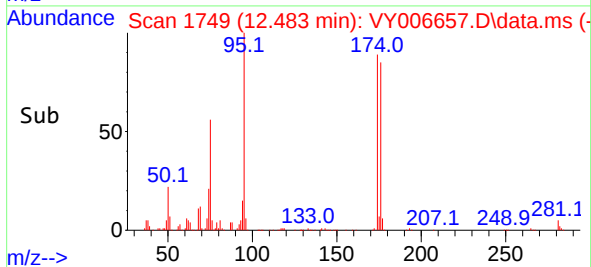
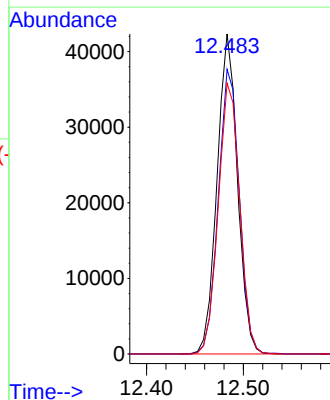
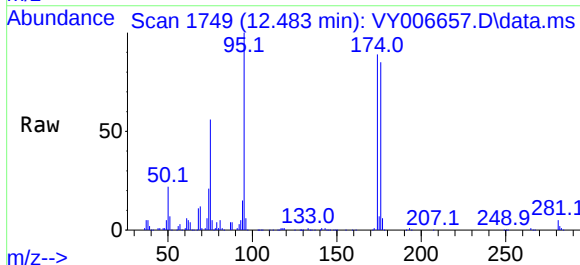
Instrument :
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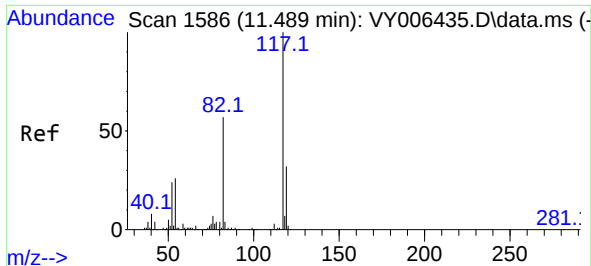
Tgt Ion: 98 Resp: 209138
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.488 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006657.D
Acq: 05 Nov 2021 15:32

Tgt Ion: 95 Resp: 62181
Ion Ratio Lower Upper
95 100
174 91.3 0.0 177.0
176 88.3 0.0 169.4

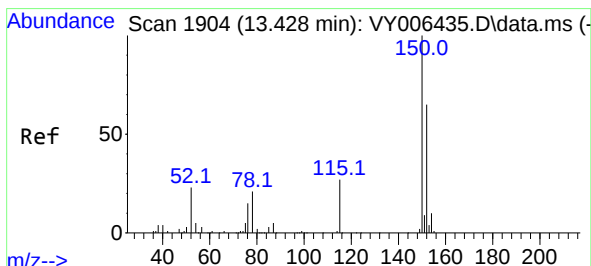
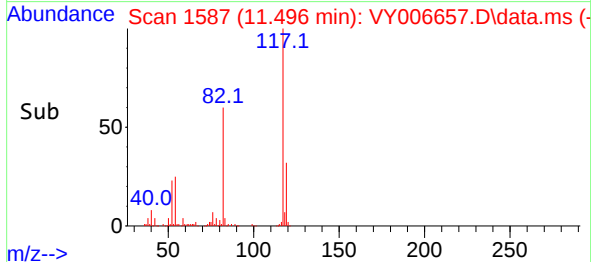
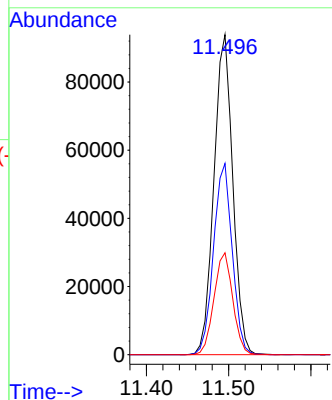
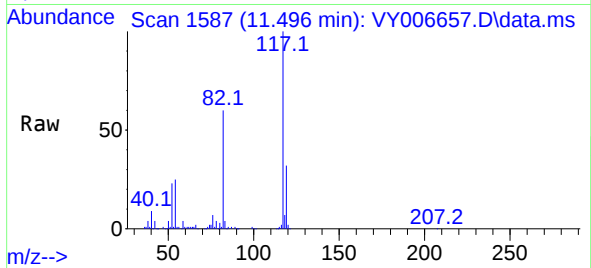




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006657.D
Acq: 05 Nov 2021 15:32

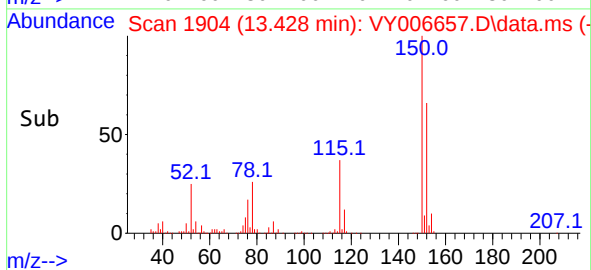
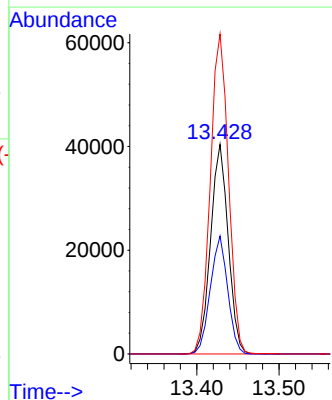
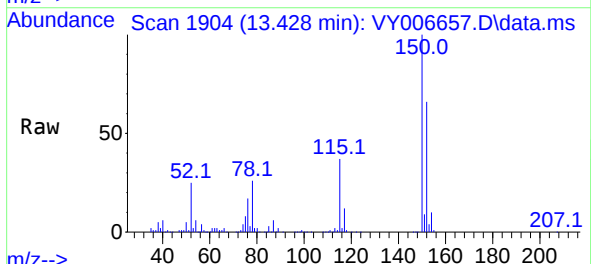
Instrument :
MSVOA_Y
ClientSampleId :

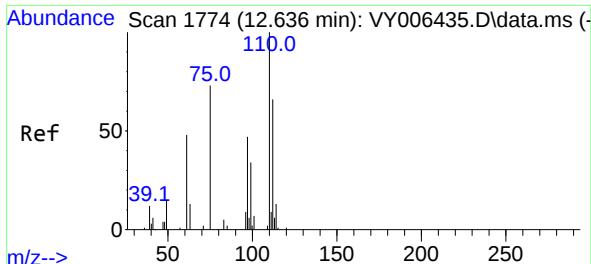
Tgt Ion:117 Resp: 149425
Ion Ratio Lower Upper
117 100
82 59.8 45.7 68.5
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006657.D
Acq: 05 Nov 2021 15:32

Tgt Ion:152 Resp: 60211
Ion Ratio Lower Upper
152 100
115 55.4 28.5 85.5
150 157.2 0.0 348.2

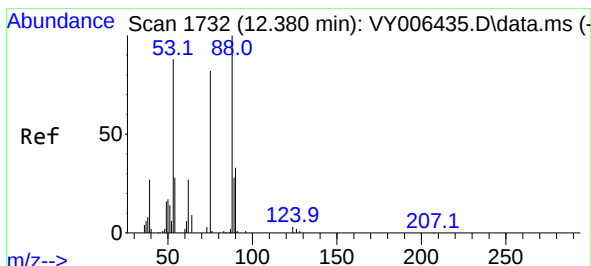
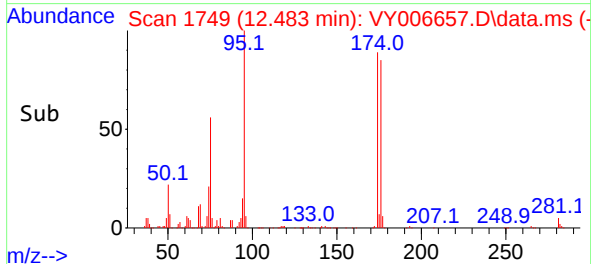
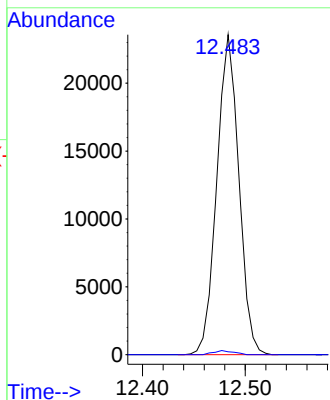
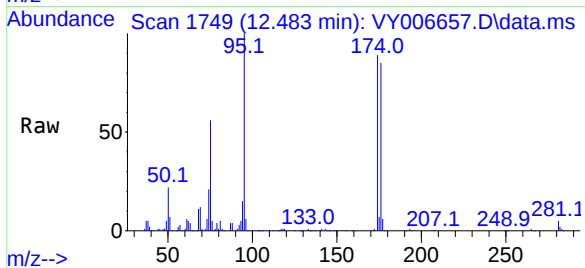




#76
1,2,3-Trichloropropane
Concen: 56.421 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006657.D
Acq: 05 Nov 2021 15:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35007
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.831 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006657.D
Acq: 05 Nov 2021 15:32

Tgt Ion: 75 Resp: 35007
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

