

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006608.D
 Acq On : 03 Nov 2021 17:54
 Operator : SY/MD
 Sample : M4472-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-JS

Quant Time: Nov 03 21:22:47 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)

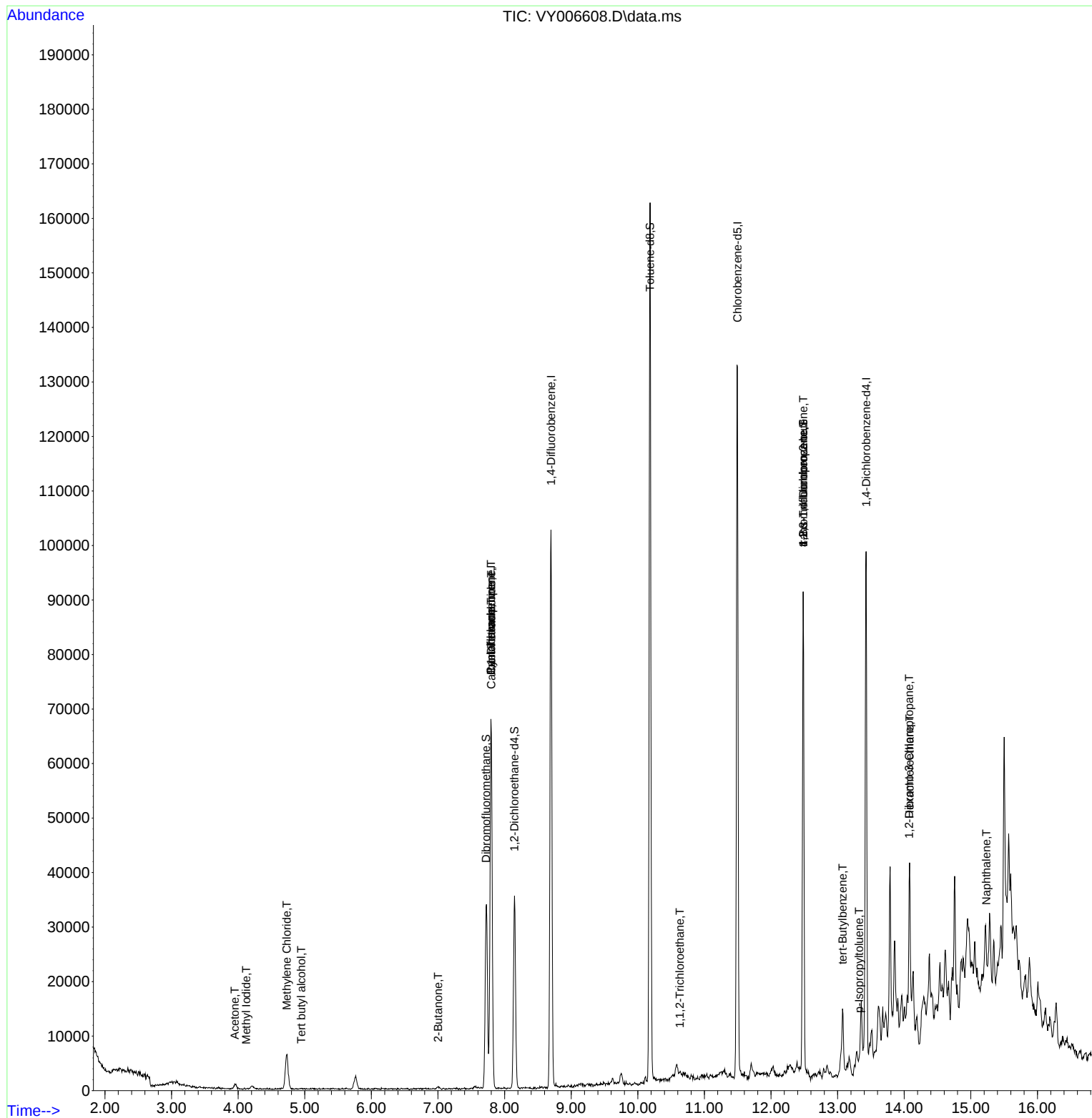
Internal Standards						
1) Pentafluorobenzene	7.795	168	51079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	80695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	66162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	21876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	28117	44.732	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 89.460%			
35) Dibromofluoromethane	7.722	113	23886	53.107	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.220%			
50) Toluene-d8	10.185	98	101540	53.256	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.520%			
62) 4-Bromofluorobenzene	12.483	95	25686	39.992	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 79.980%			
Target Compounds						Qvalue
10) Methyl Iodide	4.119	142	20	5.096	ug/l #	36
11) Tert butyl alcohol	4.948	59	64	1.121	ug/l #	72
16) Acetone	3.948	43	1701	9.398	ug/l #	64
20) Methylene Chloride	4.728	84	4397	4.130	ug/l #	93
25) 2-Butanone	7.002	43	404	1.704	ug/l #	52
31) Cyclohexane	7.795	56	1406	1.382	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	4277	5.364	ug/l #	48
38) Carbon Tetrachloride	7.801	117	5204	5.916	ug/l #	17
55) 1,1,2-Trichloroethane	10.630	97	507	1.186	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	14736	65.369	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14736	134.201	ug/l #	7
83) tert-Butylbenzene	13.075	119	4181	3.797	ug/l	100
86) p-Isopropyltoluene	13.324	119	3572	2.532	ug/l #	56
90) Hexachloroethane	14.080	117	807	3.168	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.074	75	161	2.863	ug/l #	5
95) Naphthalene	15.233	128	1300	1.585	ug/l #	77

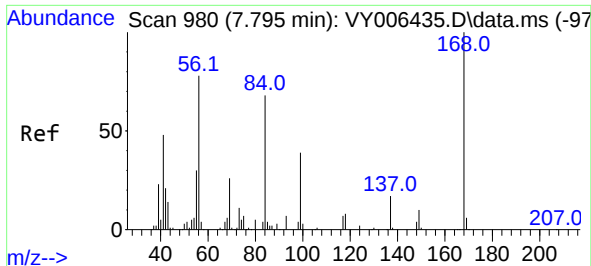
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
Data File : VY006608.D
Acq On : 03 Nov 2021 17:54
Operator : SY/MD
Sample : M4472-01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-JS

Quant Time: Nov 03 21:22:47 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

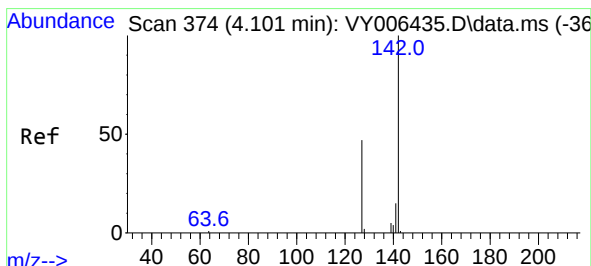
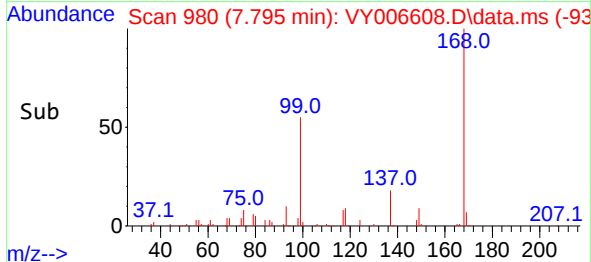
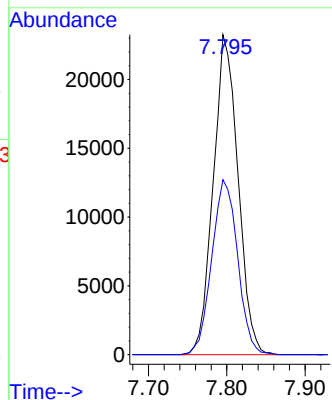
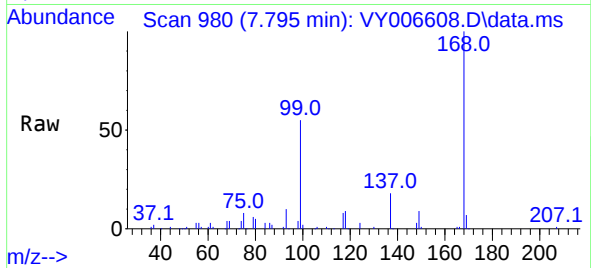




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

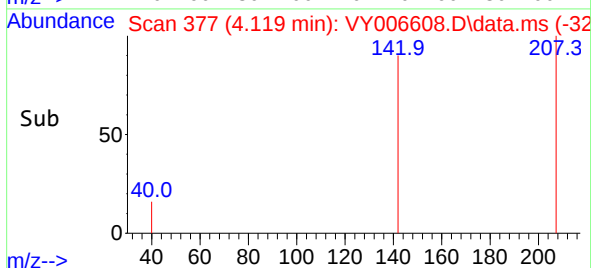
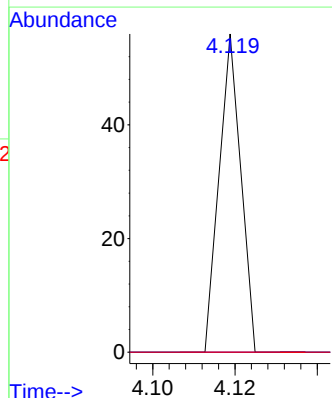
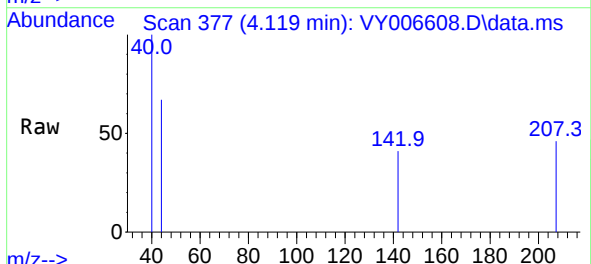
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-JS

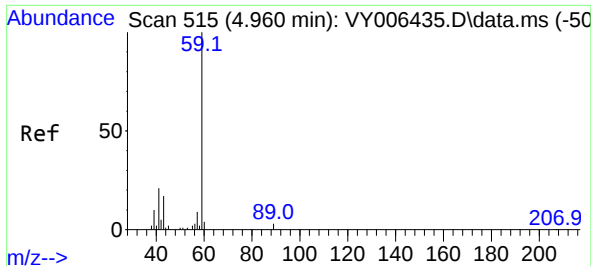
Tgt Ion:168 Resp: 51079
Ion Ratio Lower Upper
168 100
99 54.7 44.8 67.2



#10
Methyl Iodide
Concen: 5.096 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

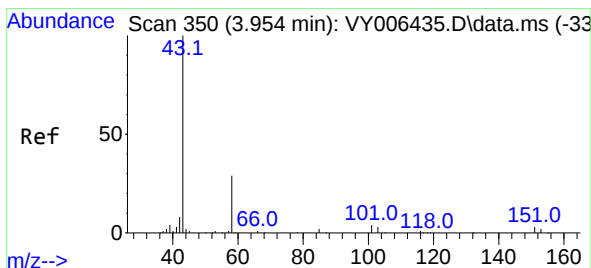
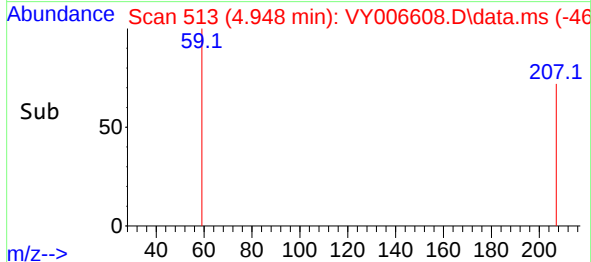
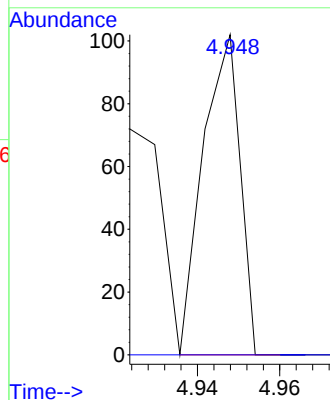
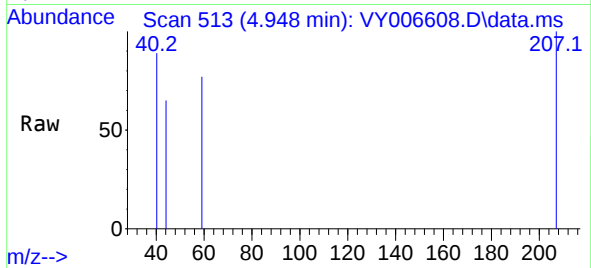




#11
Tert butyl alcohol
Concen: 1.121 ug/l
RT: 4.948 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

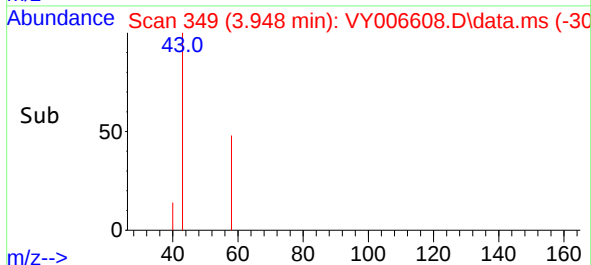
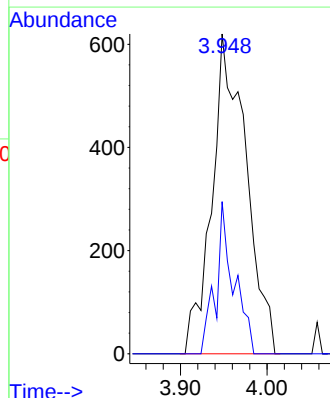
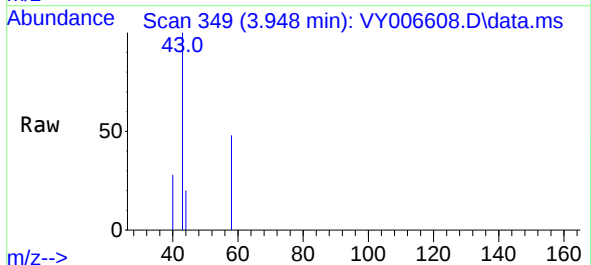
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-JS

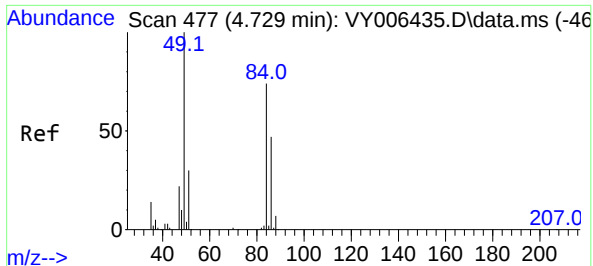
Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 9.398 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

Tgt Ion: 43 Resp: 1701
Ion Ratio Lower Upper
43 100
58 47.6 22.9 34.3#



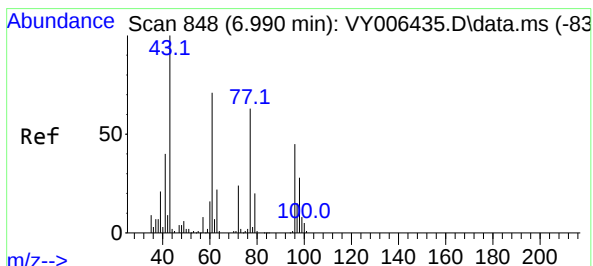
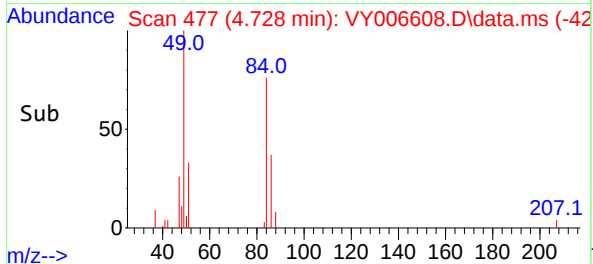
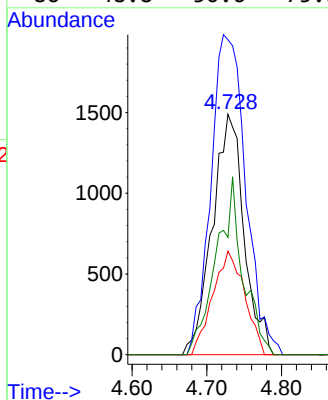
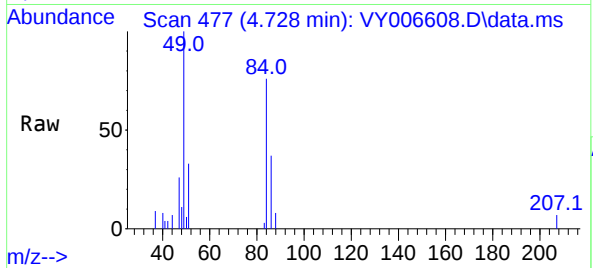


#20
Methylene Chloride
Concen: 4.130 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-JS

Tgt Ion: 84 Resp: 4397

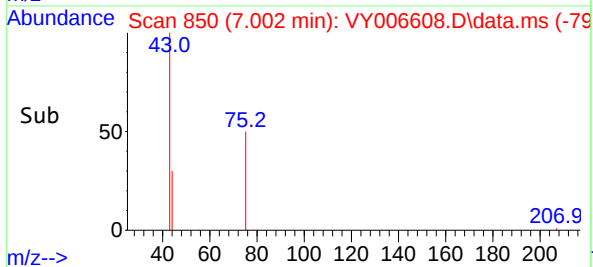
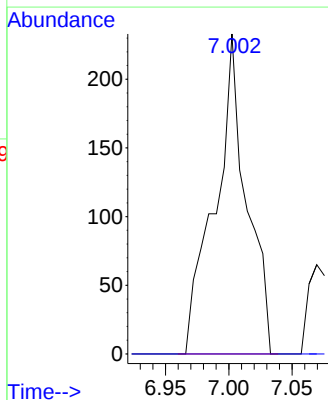
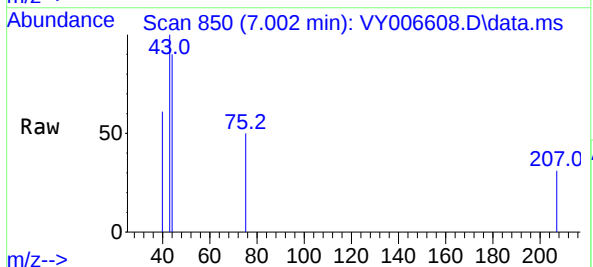
Ion	Ratio	Lower	Upper
84	100		
49	131.0	107.8	161.8
51	43.1	32.8	49.2
86	48.8	50.6	75.8#

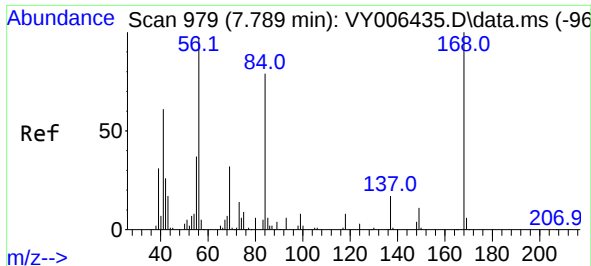


#25
2-Butanone
Concen: 1.704 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

Tgt Ion: 43 Resp: 404

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.9	28.3#

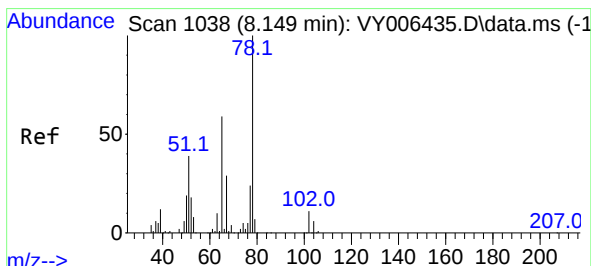
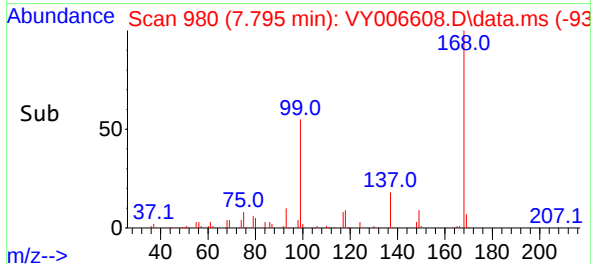
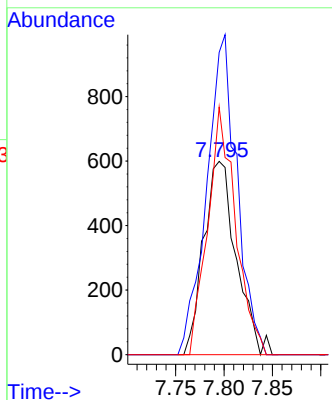
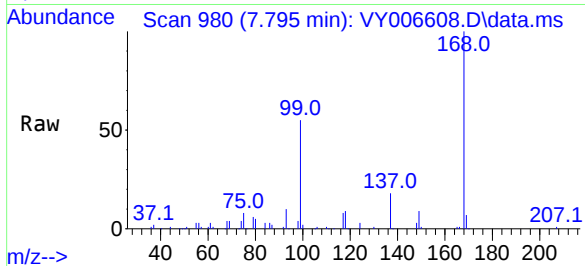




#31
Cyclohexane
Concen: 1.382 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

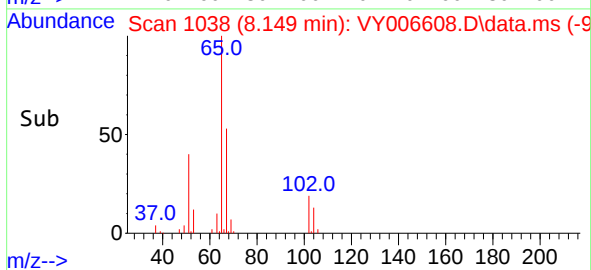
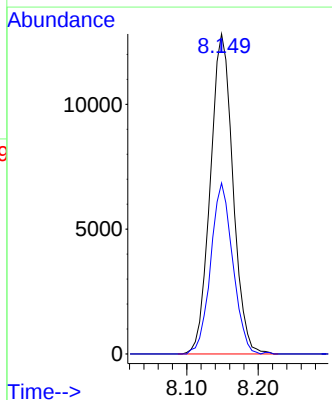
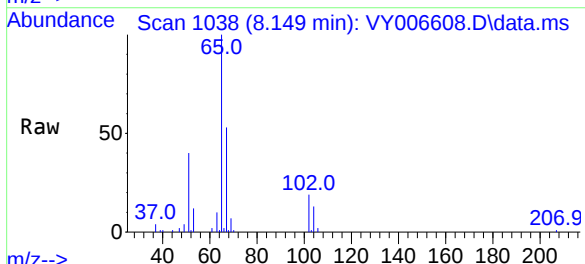
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-JS

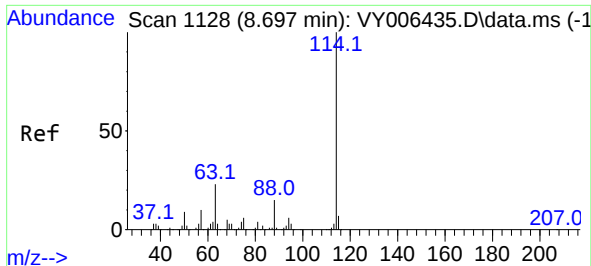
Tgt Ion: 56 Resp: 1406
Ion Ratio Lower Upper
56 100
69 156.4 26.6 40.0#
84 128.2 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 44.732 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

Tgt Ion: 65 Resp: 28117
Ion Ratio Lower Upper
65 100
67 52.1 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: VY006608.D

Acq: 03 Nov 2021 17:54

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-JS

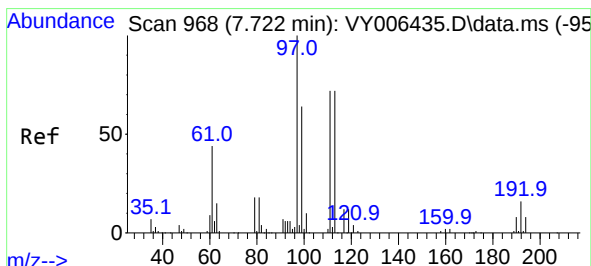
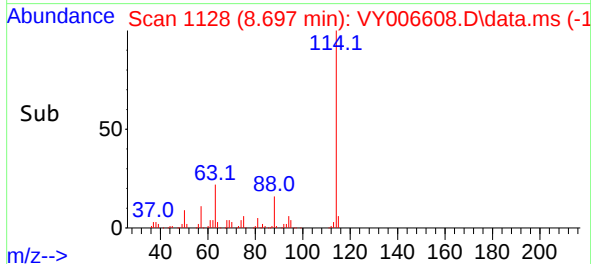
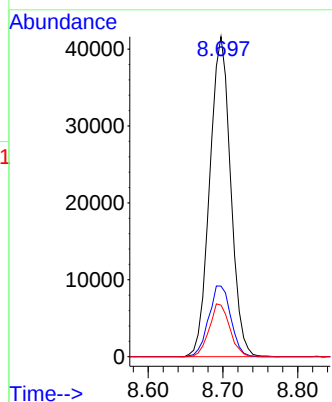
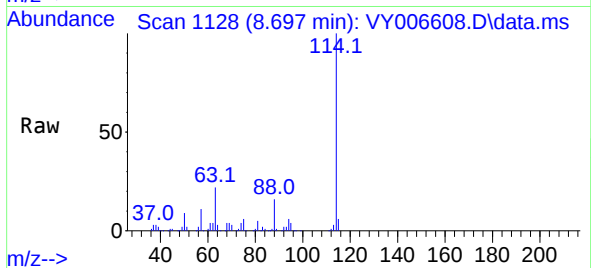
Tgt Ion:114 Resp: 80695

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.107 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY006608.D

Acq: 03 Nov 2021 17:54

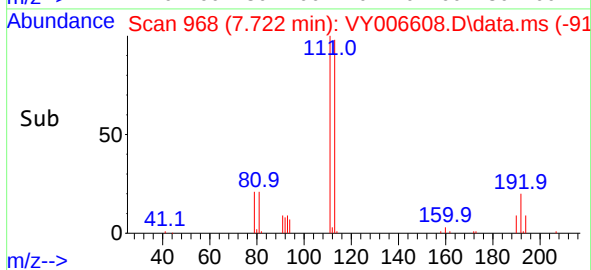
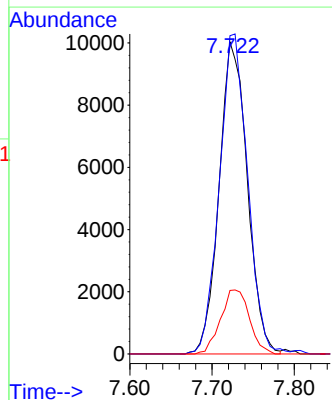
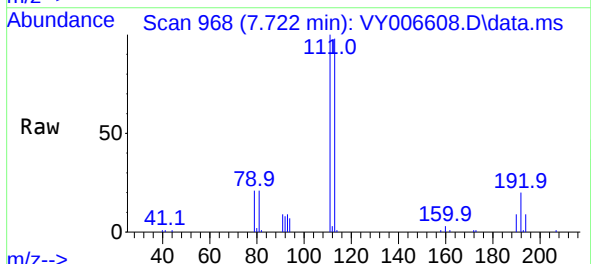
Tgt Ion:113 Resp: 23886

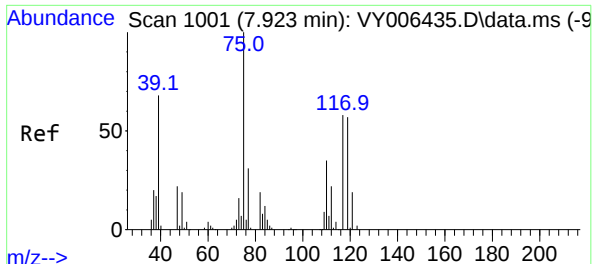
Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

192 21.0 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.364 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY006608.D

Acq: 03 Nov 2021 17:54

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-JS

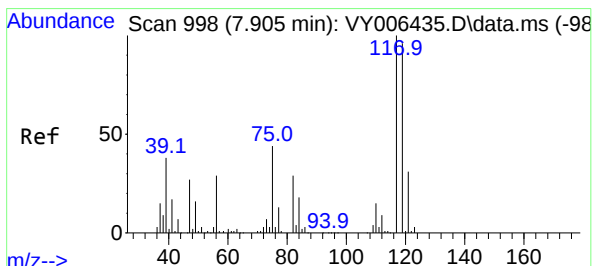
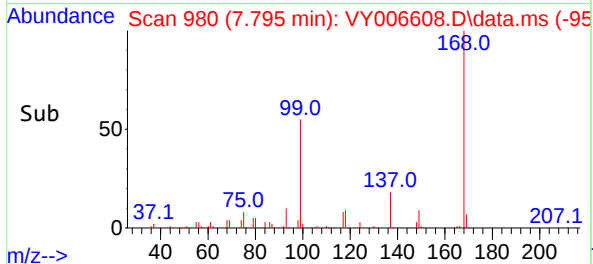
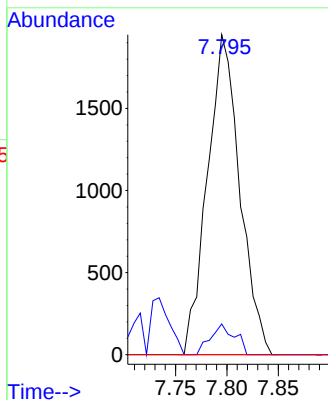
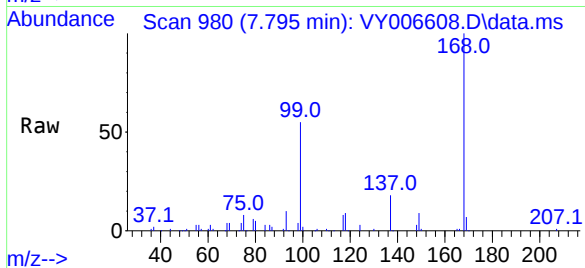
Tgt Ion: 75 Resp: 4277

Ion Ratio Lower Upper

75 100

110 7.2 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.916 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY006608.D

Acq: 03 Nov 2021 17:54

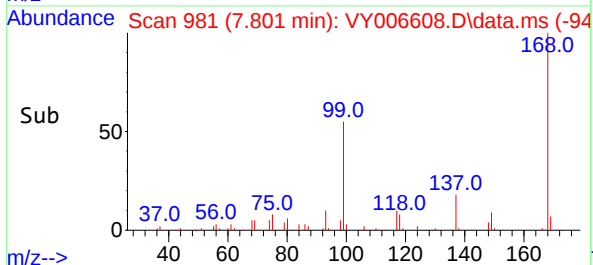
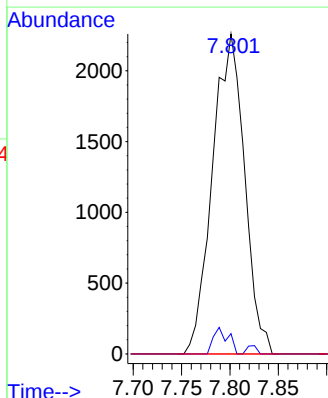
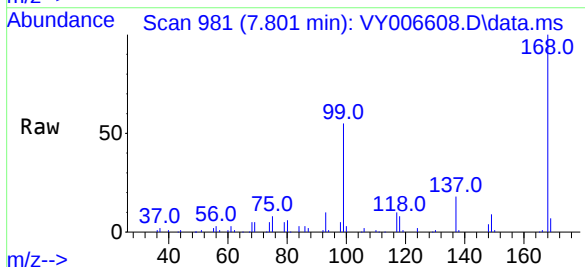
Tgt Ion: 117 Resp: 5204

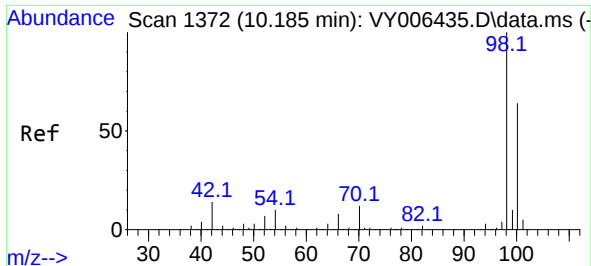
Ion Ratio Lower Upper

117 100

119 6.3 76.6 115.0#

121 0.0 24.7 37.1#

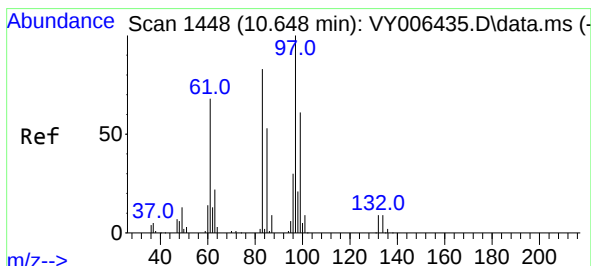
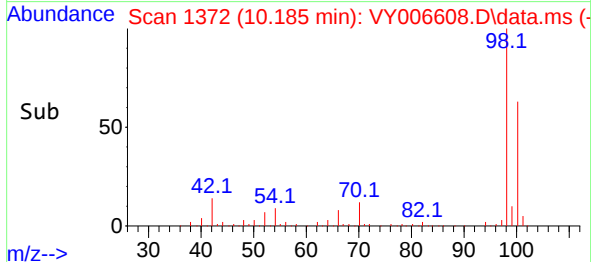
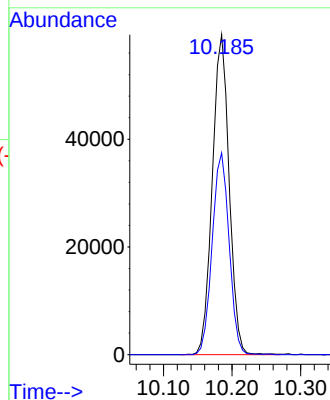
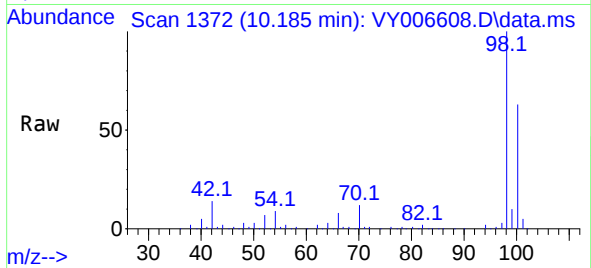




#50
Toluene-d8
Concen: 53.256 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

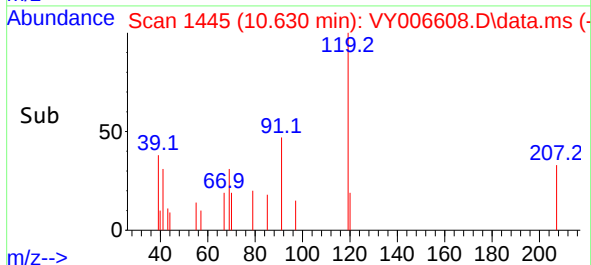
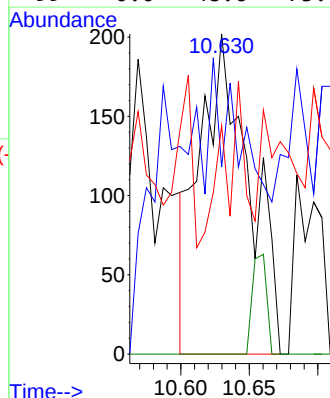
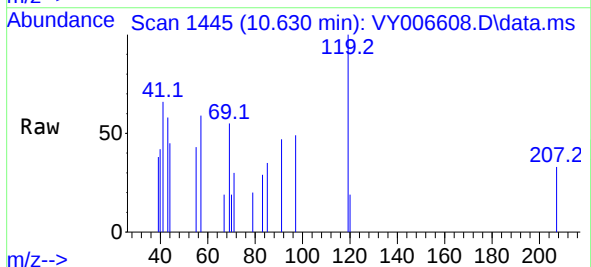
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-JS

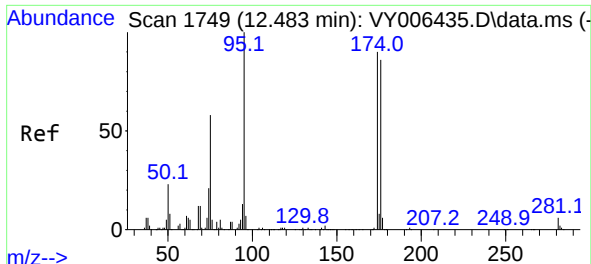
Tgt Ion: 98 Resp: 101540
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#55
1,1,2-Trichloroethane
Concen: 1.186 ug/l
RT: 10.630 min Scan# 1445
Delta R.T. -0.018 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

Tgt Ion: 97 Resp: 507
Ion Ratio Lower Upper
97 100
83 0.0 66.2 99.2#
85 5.0 42.2 63.4#
99 0.0 48.6 73.0#

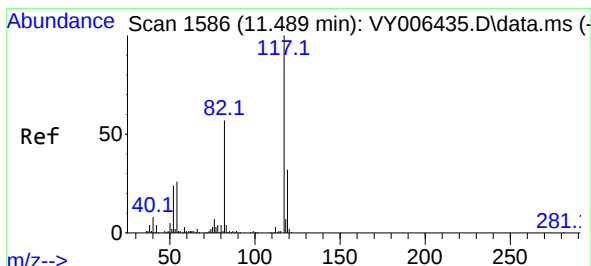
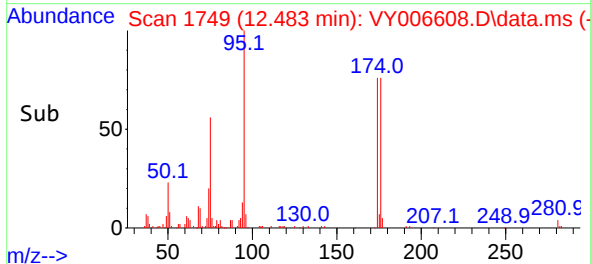
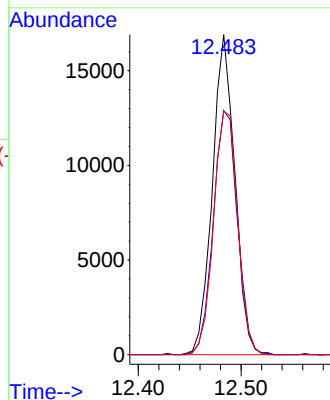
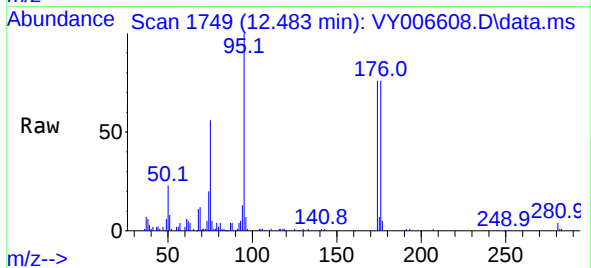




#62
4-Bromofluorobenzene
Concen: 39.992 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

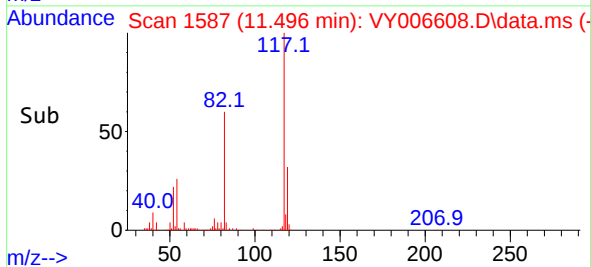
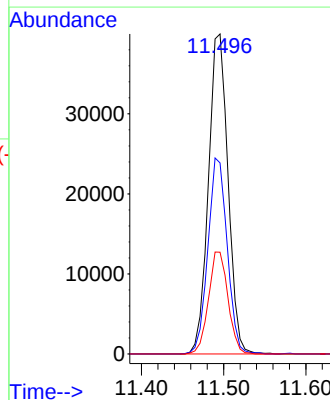
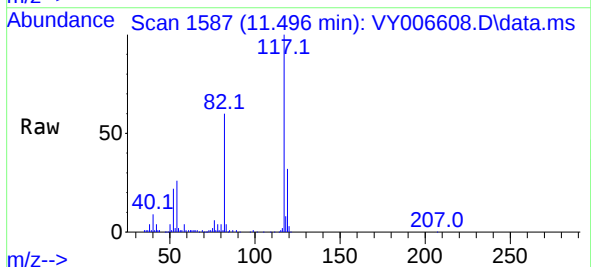
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-JS

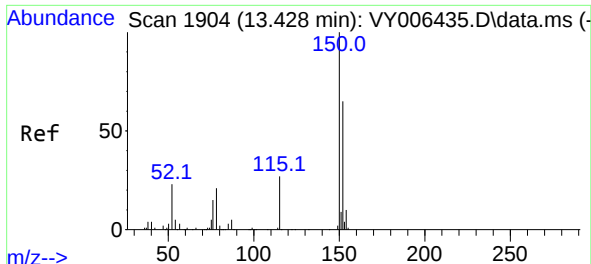
Tgt Ion: 95 Resp: 25686
Ion Ratio Lower Upper
95 100
174 81.8 0.0 177.0
176 81.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

Tgt Ion: 117 Resp: 66162
Ion Ratio Lower Upper
117 100
82 59.7 45.7 68.5
119 31.8 25.5 38.3

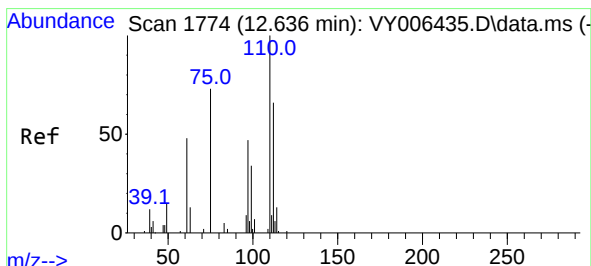
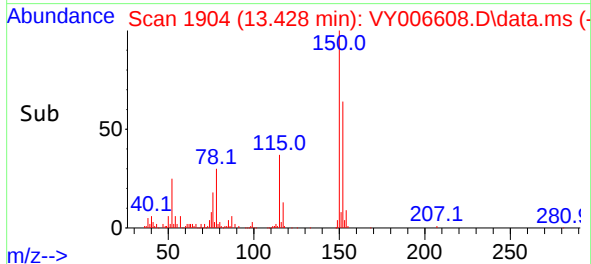
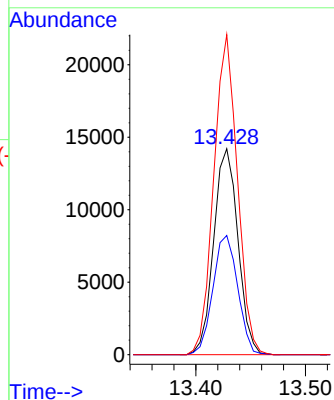
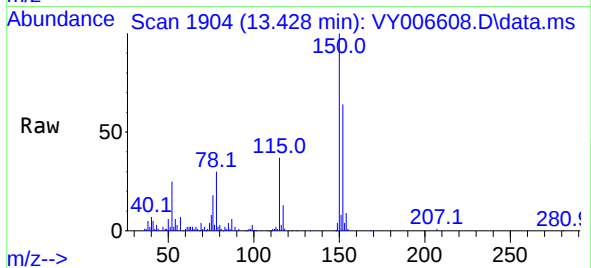




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

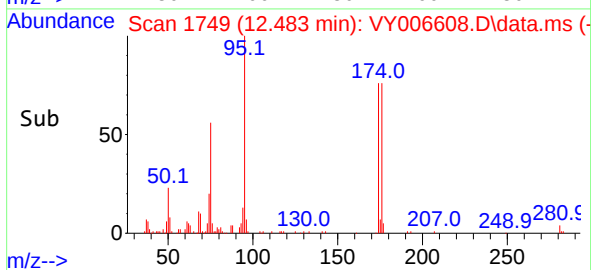
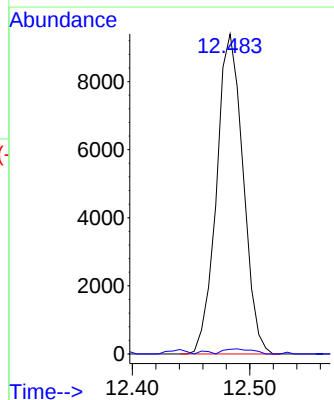
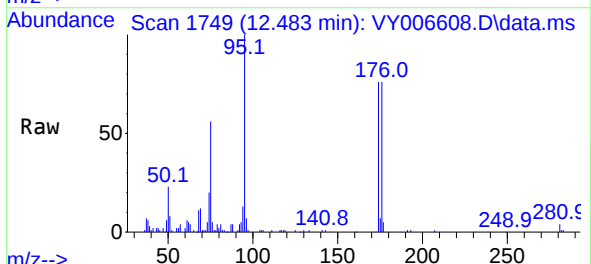
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-JS

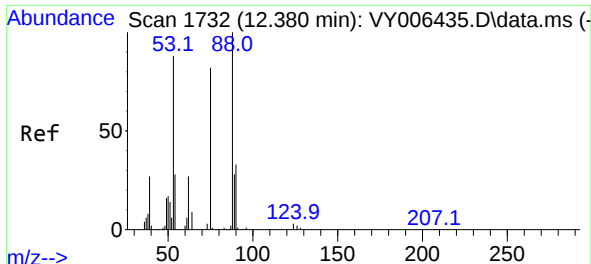
Tgt Ion:152 Resp: 21876
Ion Ratio Lower Upper
152 100
115 59.3 28.5 85.5
150 151.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 65.369 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

Tgt Ion: 75 Resp: 14736
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

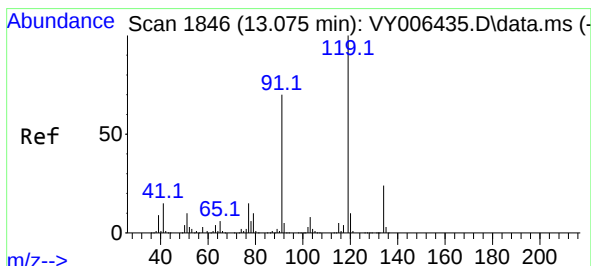
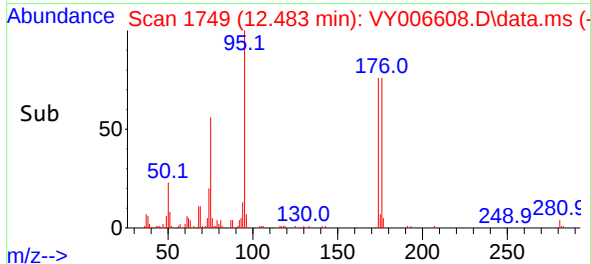
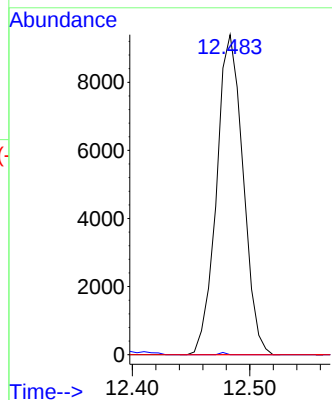
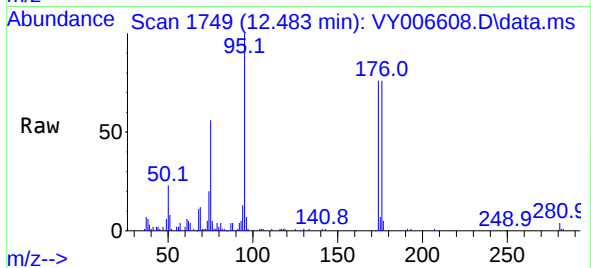




#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.201 ug/l
 RT: 12.483 min Scan# 1732
 Delta R.T. 0.104 min
 Lab File: VY006608.D
 Acq: 03 Nov 2021 17:54

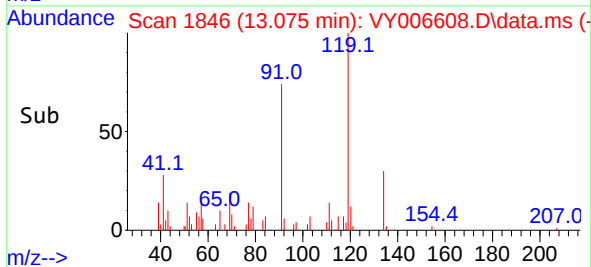
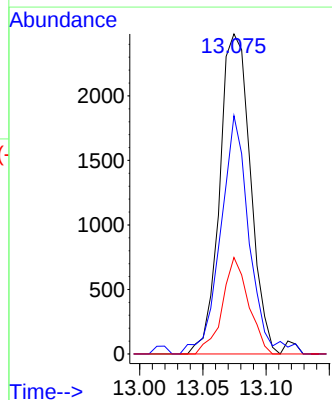
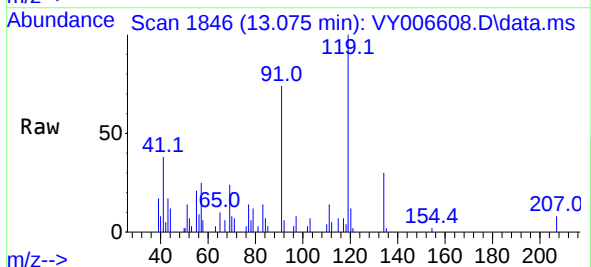
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-JS

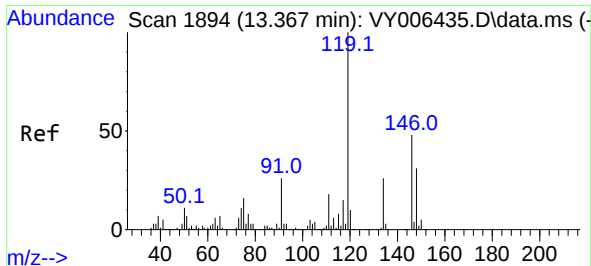
Tgt Ion: 75 Resp: 14736
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.8 128.6#
 89 0.0 39.3 58.9#



#83
 tert-Butylbenzene
 Concen: 3.797 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VY006608.D
 Acq: 03 Nov 2021 17:54

Tgt Ion: 119 Resp: 4181
 Ion Ratio Lower Upper
 119 100
 91 69.6 34.8 104.5
 134 25.8 13.0 38.9

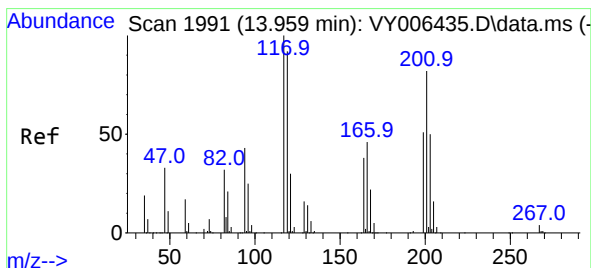
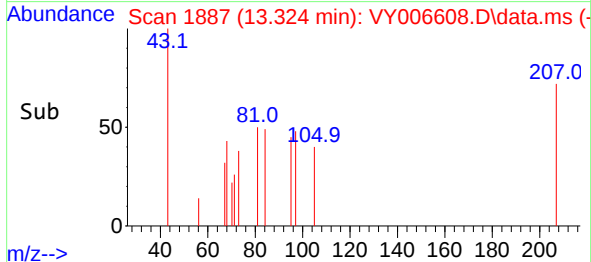
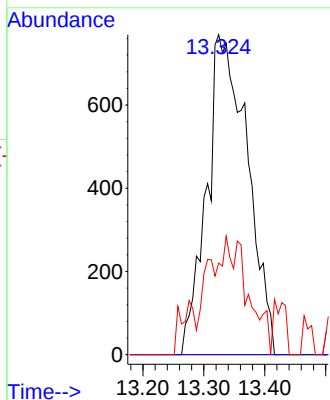
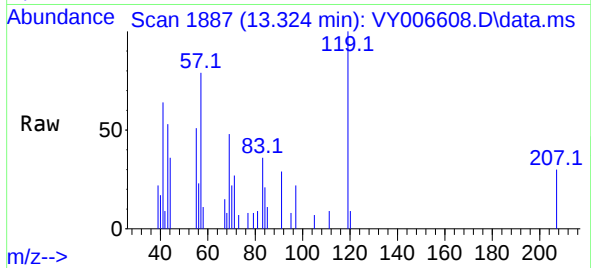




#86
p-Isopropyltoluene
Concen: 2.532 ug/l
RT: 13.324 min Scan# 119
Delta R.T. -0.043 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

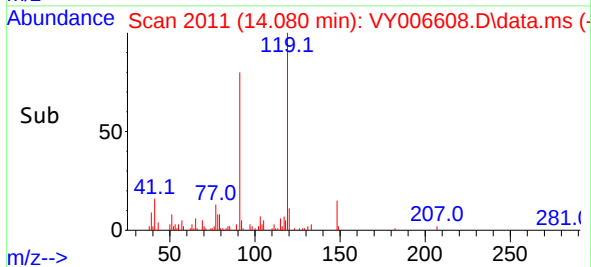
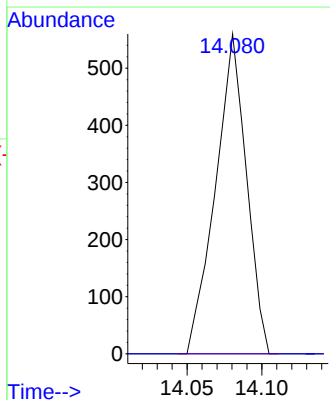
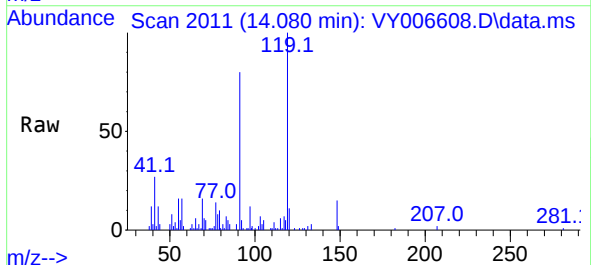
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-JS

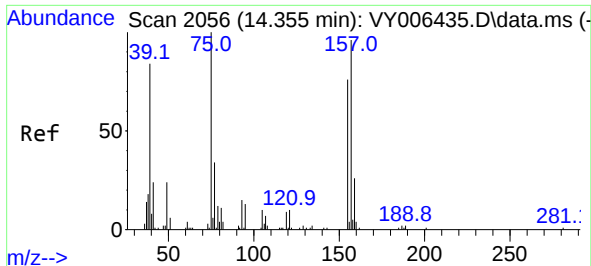
Tgt Ion:119 Resp: 3572
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.1#
91 6.7 12.4 37.4#



#90
Hexachloroethane
Concen: 3.168 ug/l
RT: 14.080 min Scan# 2011
Delta R.T. 0.122 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

Tgt Ion:117 Resp: 807
Ion Ratio Lower Upper
117 100
201 0.0 43.4 130.1#

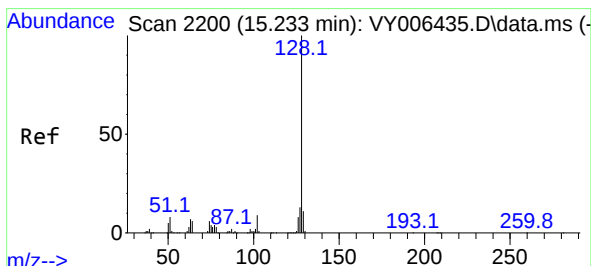
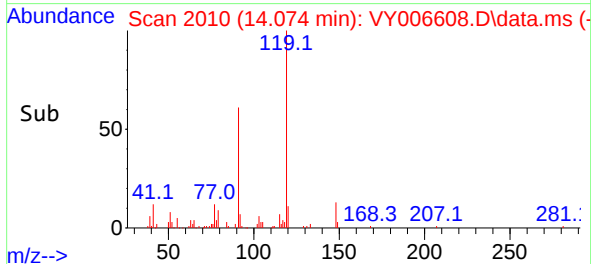
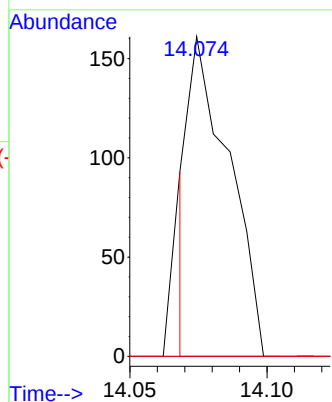
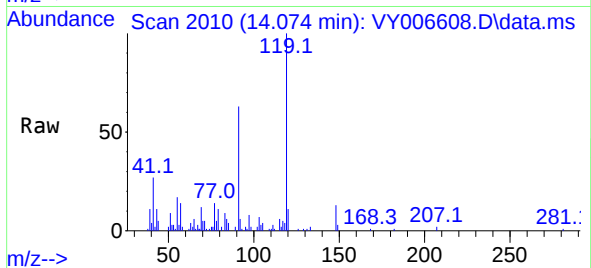




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.863 ug/l
RT: 14.074 min Scan# 2056
Delta R.T. -0.280 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-JS

Tgt Ion: 75 Resp: 161
Ion Ratio Lower Upper
75 100
155 0.0 39.0 116.9#
157 0.0 49.2 147.6#



#95
Naphthalene
Concen: 1.585 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY006608.D
Acq: 03 Nov 2021 17:54

Tgt Ion: 128 Resp: 1300
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 7.1 8.9 13.3#

