

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101021\
 Data File : VY006362.D
 Acq On : 08 Oct 2021 18:09
 Operator : SY/MD
 Sample : M4117-09RE
 Misc : 4.77G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 03:20:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

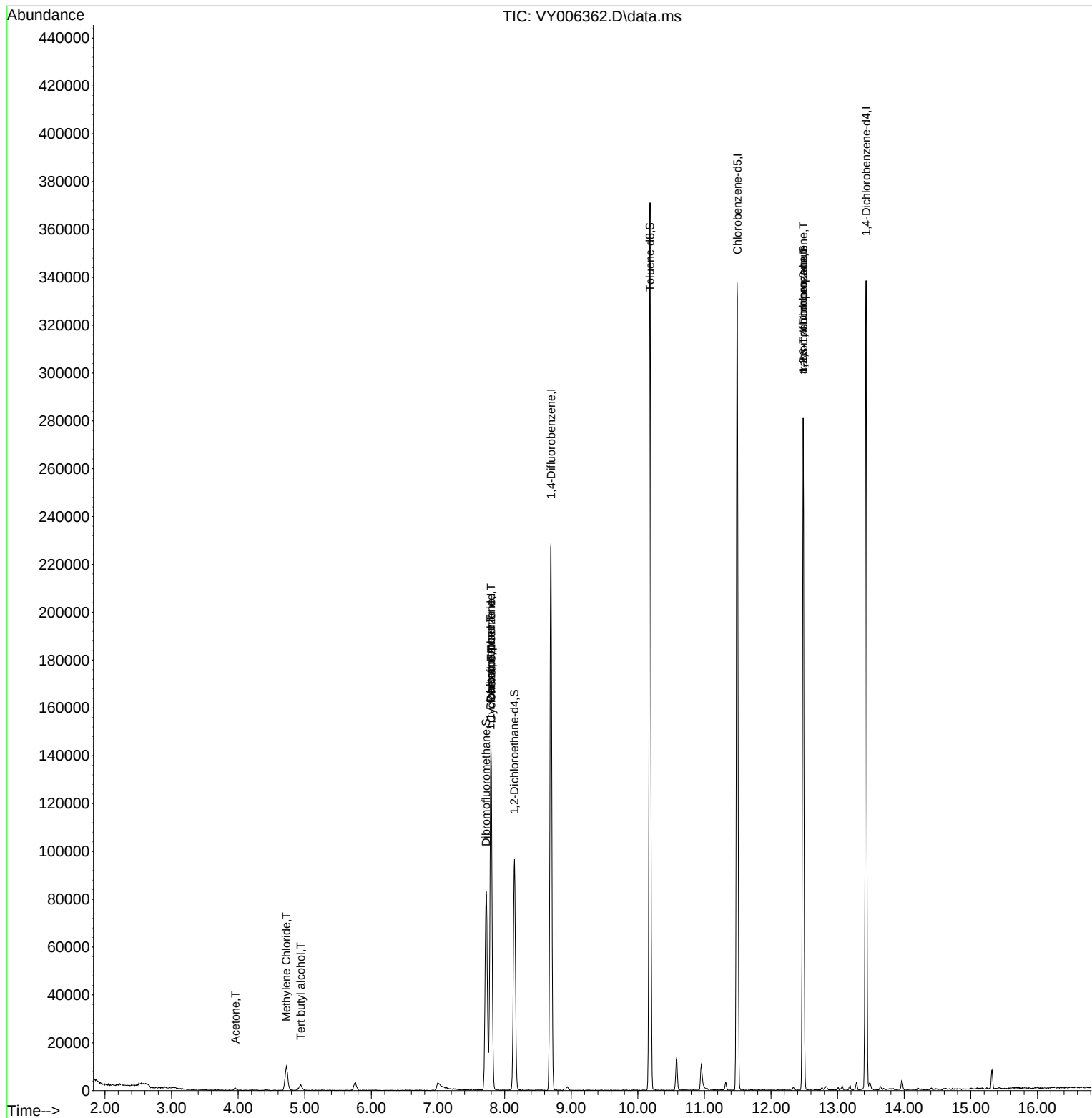
Internal Standards						
1) Pentafluorobenzene	7.795	168	108557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	183705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	175090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80329	69.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.280%	
35) Dibromofluoromethane	7.722	113	56011	57.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.140%	
50) Toluene-d8	10.185	98	234800	57.162	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.320%	
62) 4-Bromofluorobenzene	12.483	95	74452	53.355	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	2333	22.955	ug/l #	77
16) Acetone	3.960	43	1778	5.479	ug/l	93
20) Methylene Chloride	4.722	84	6739	2.465	ug/l	86
31) Cyclohexane	7.801	56	2564	1.165	ug/l #	16
36) 1,1-Dichloropropene	7.789	75	8490	4.645	ug/l #	52
38) Carbon Tetrachloride	7.795	117	10582	5.483	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	42789	54.052	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42789	106.220	ug/l #	7

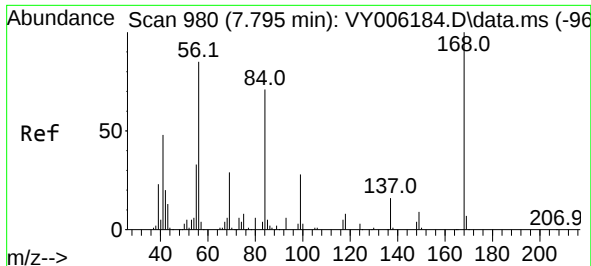
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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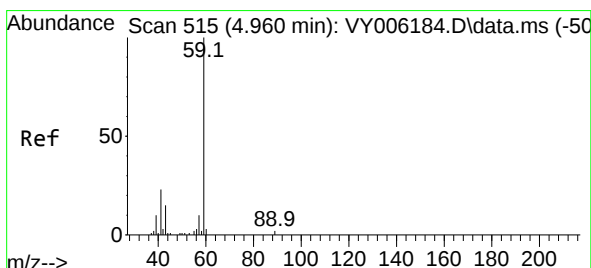
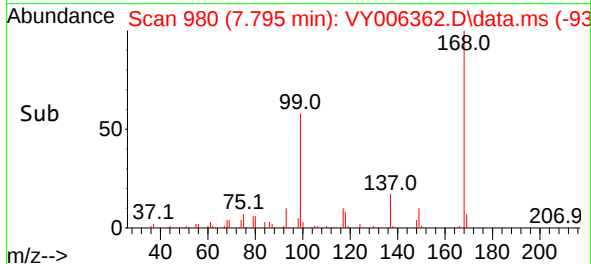
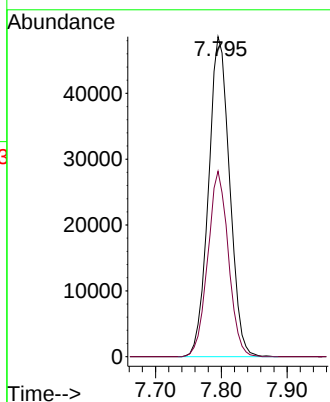
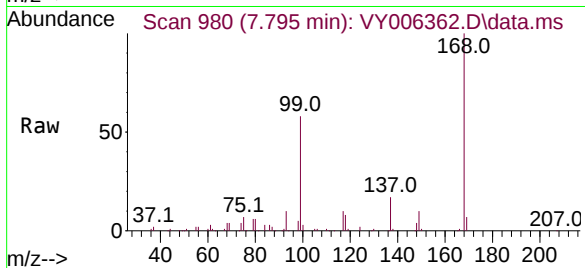




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

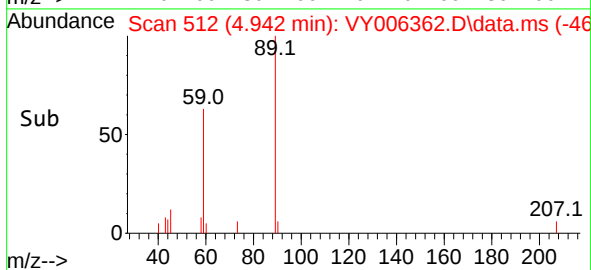
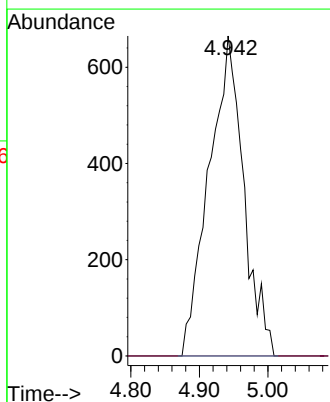
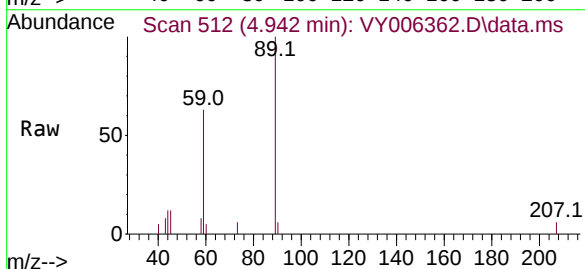
Instrument :
MSVOA_Y
ClientSampled :

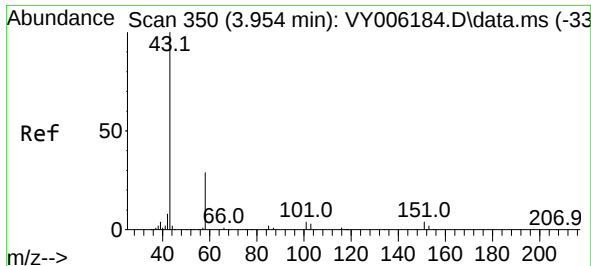
Tgt Ion:168 Resp: 108557
Ion Ratio Lower Upper
168 100
99 57.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 22.955 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

Tgt Ion: 59 Resp: 2333
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

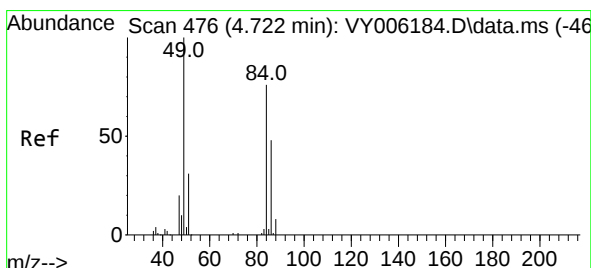
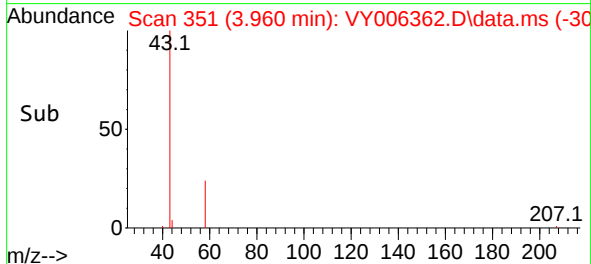
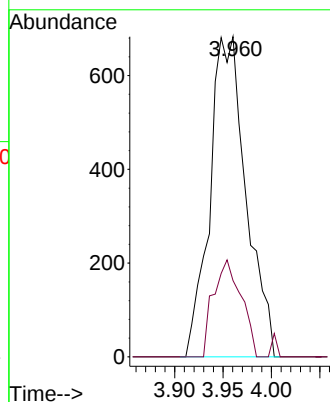
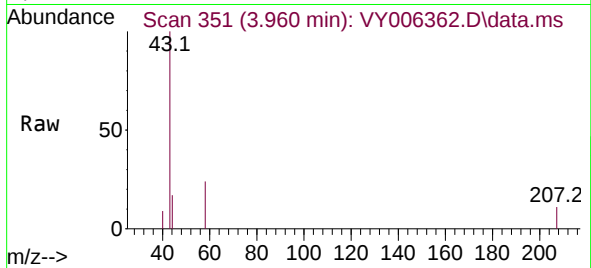




#16
Acetone
Concen: 5.479 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

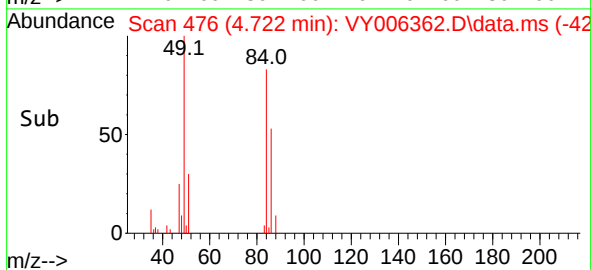
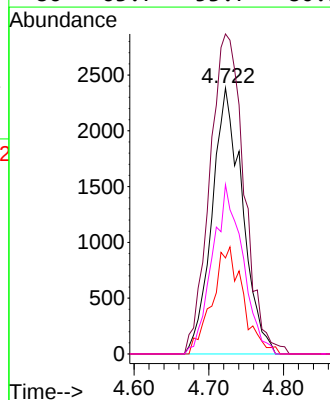
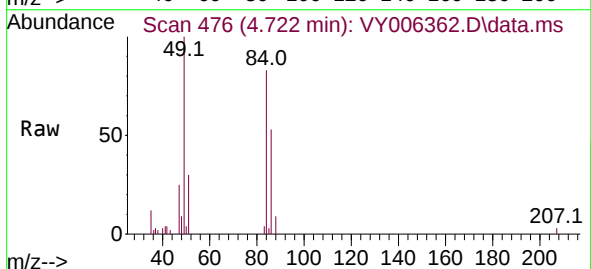
Instrument :
MSVOA_Y
ClientSampled :

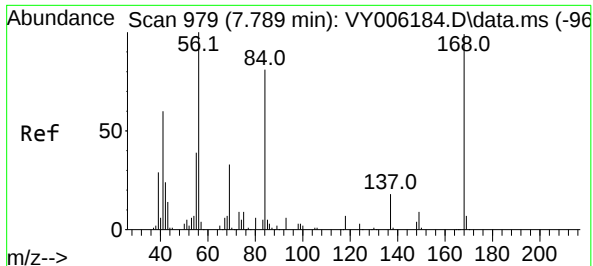
Tgt Ion: 43 Resp: 1778
Ion Ratio Lower Upper
43 100
58 23.9 22.0 33.0



#20
Methylene Chloride
Concen: 2.465 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

Tgt Ion: 84 Resp: 6739
Ion Ratio Lower Upper
84 100
49 120.4 114.4 171.6
51 36.1 35.3 52.9
86 63.7 53.7 80.5

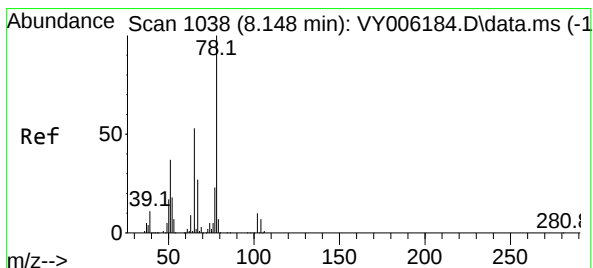
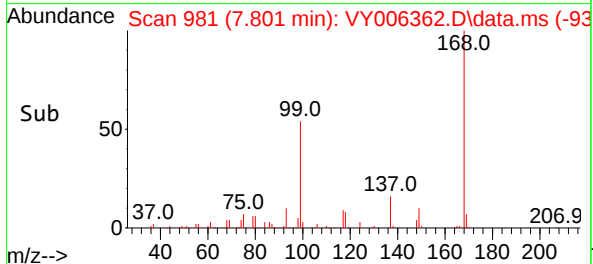
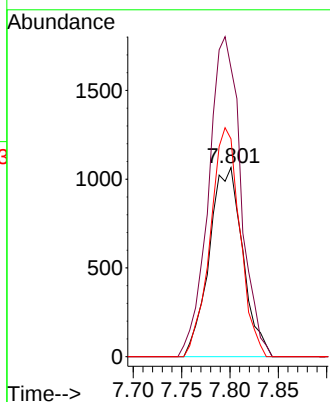
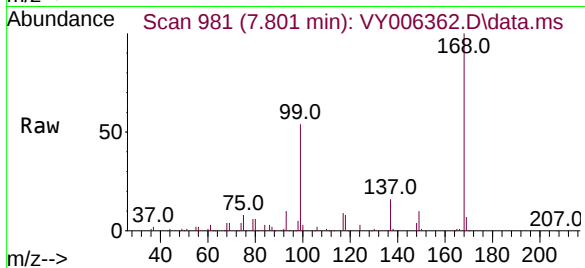




#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

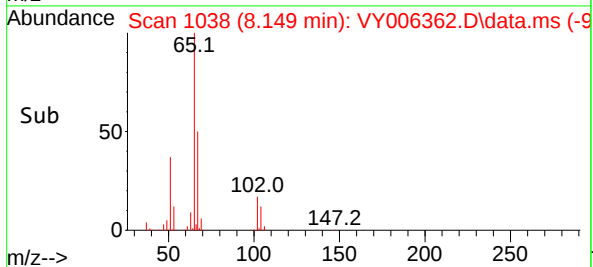
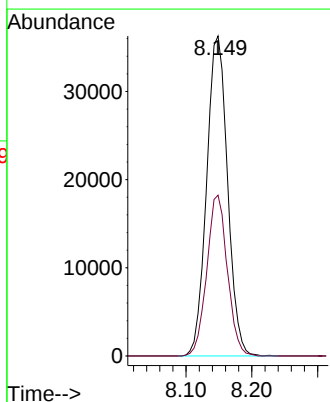
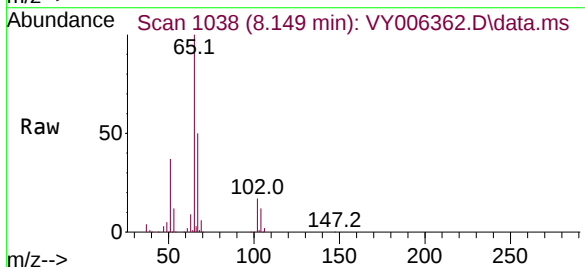
Instrument :
MSVOA_Y
ClientSampleId :

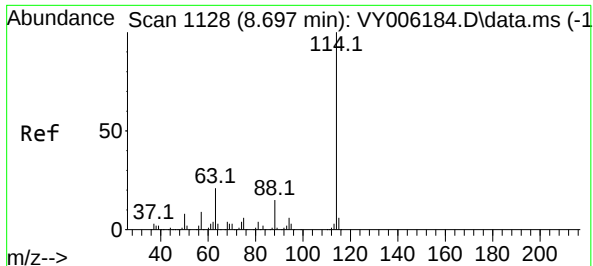
Tgt Ion: 56 Resp: 2564
Ion Ratio Lower Upper
56 100
69 152.5 26.7 40.1#
84 115.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 69.137 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

Tgt Ion: 65 Resp: 80329
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006362.D

Acq: 08 Oct 2021 18:09

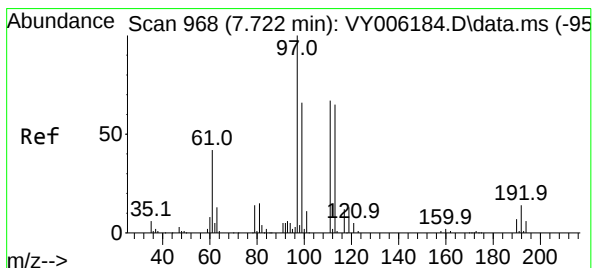
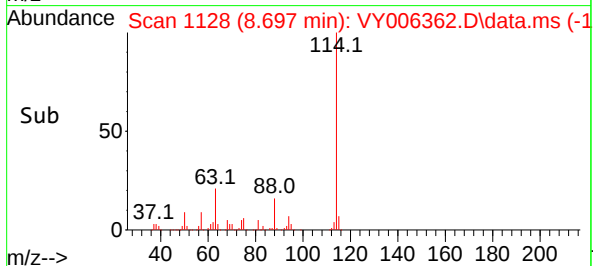
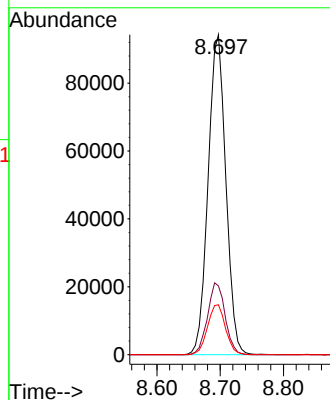
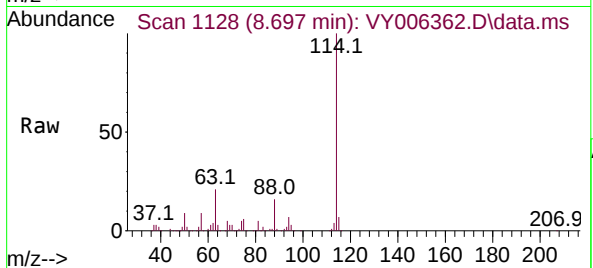
Tgt Ion:114 Resp: 183705

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.069 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006362.D

Acq: 08 Oct 2021 18:09

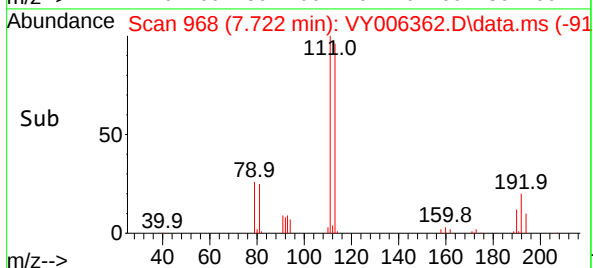
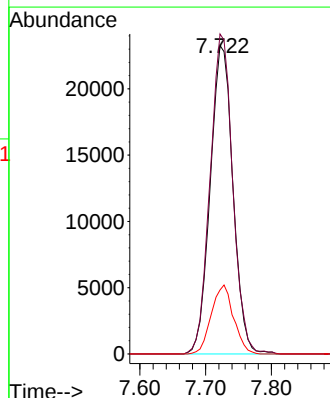
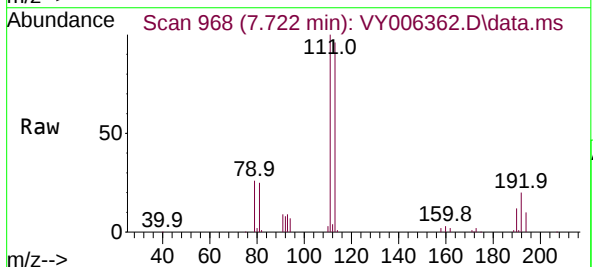
Tgt Ion:113 Resp: 56011

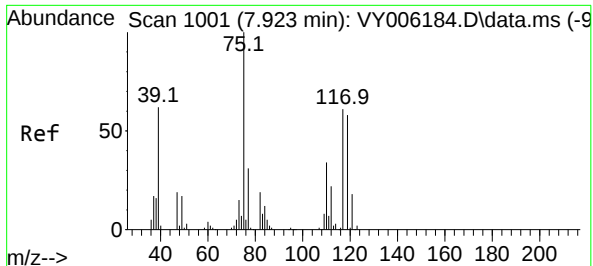
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 21.9 17.6 26.4

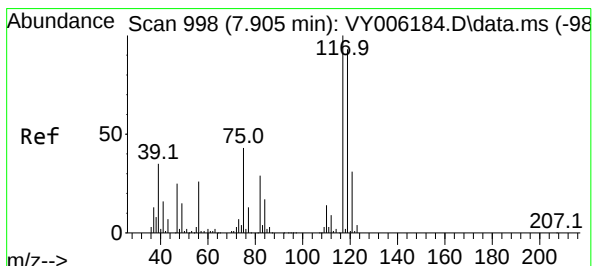
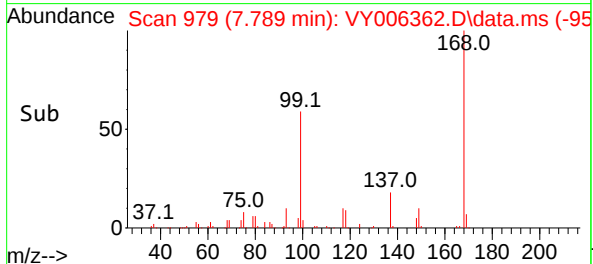
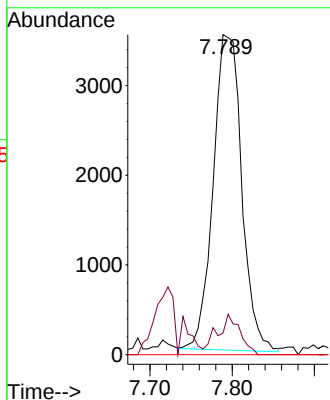
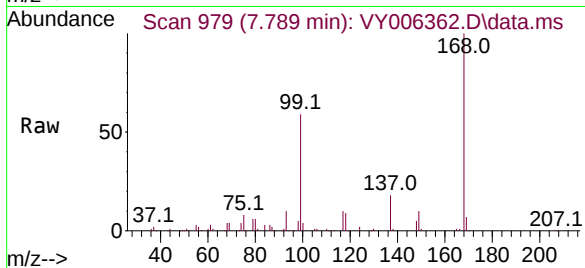




#36
1,1-Dichloropropene
Concen: 4.645 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

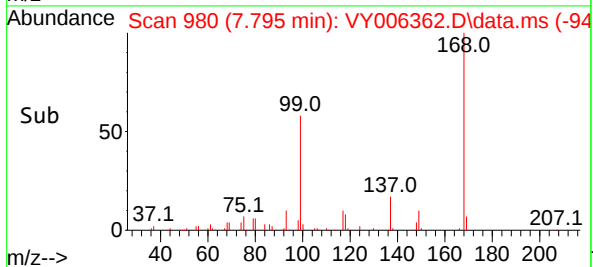
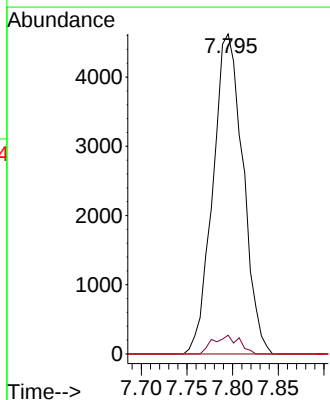
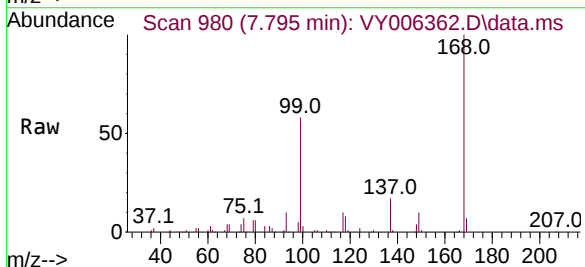
Instrument :
MSVOA_Y
ClientSampleId :

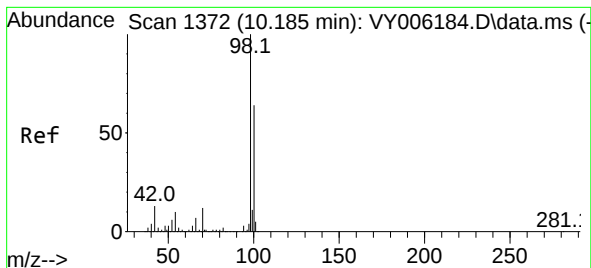
Tgt Ion: 75 Resp: 8490
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.483 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

Tgt Ion: 117 Resp: 10582
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#

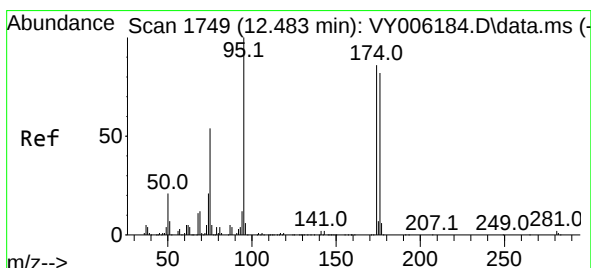
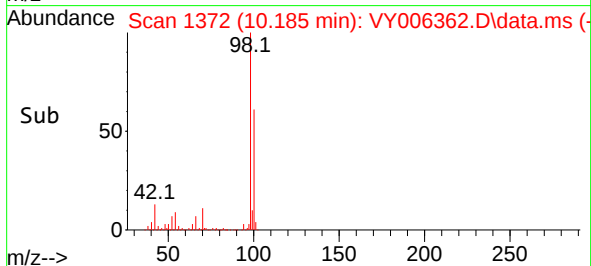
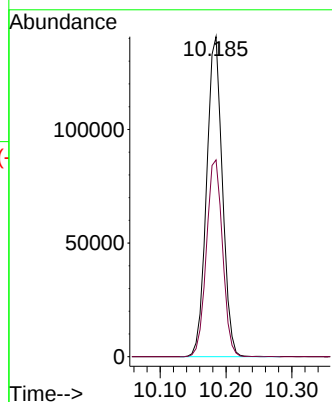
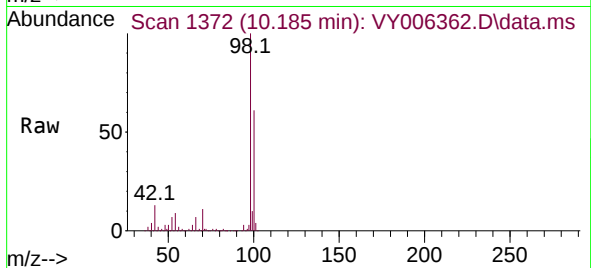




#50
Toluene-d8
Concen: 57.162 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

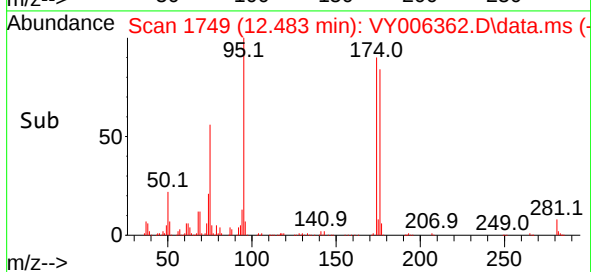
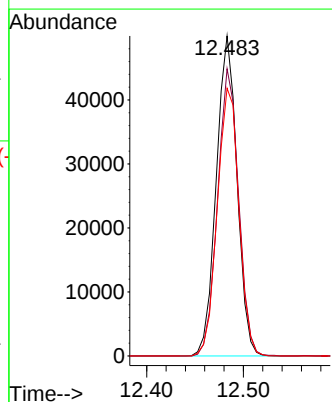
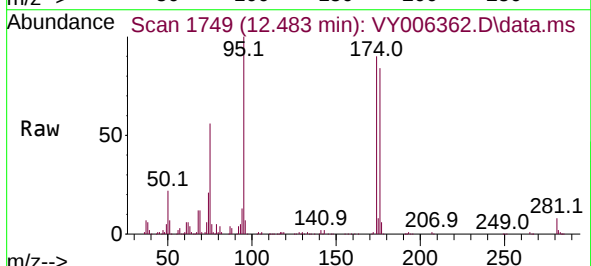
Instrument :
MSVOA_Y
ClientSampled :

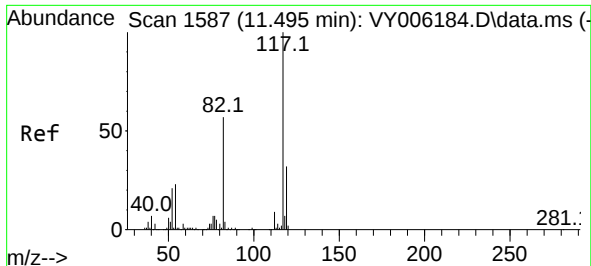
Tgt Ion: 98 Resp: 234800
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.355 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

Tgt Ion: 95 Resp: 74452
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 87.0 0.0 175.8

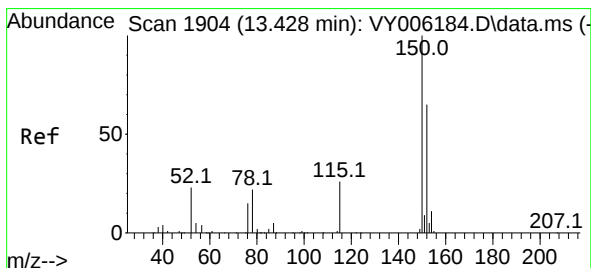
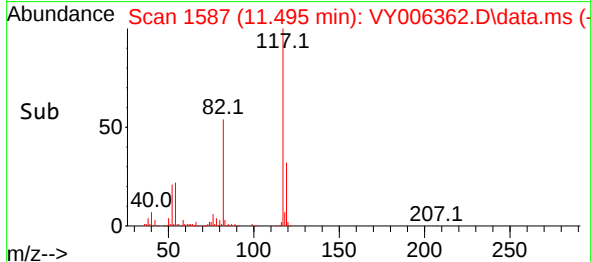
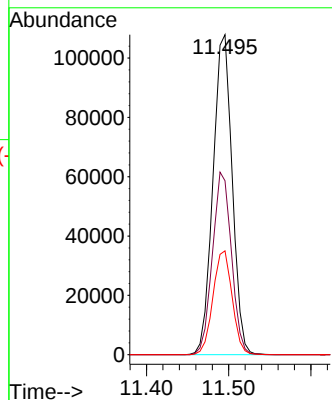
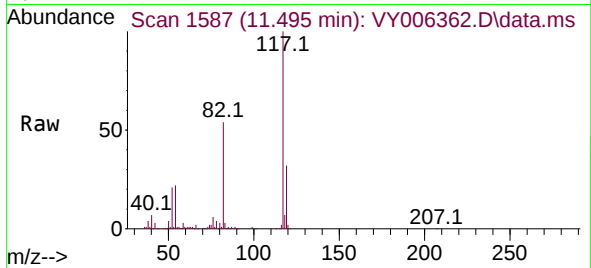




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

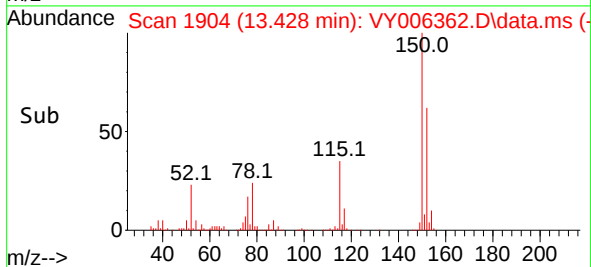
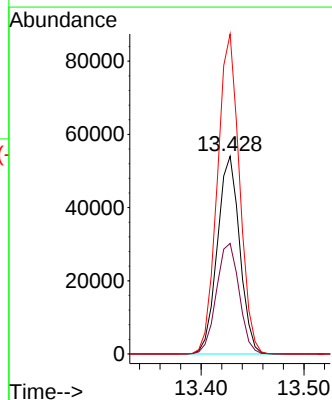
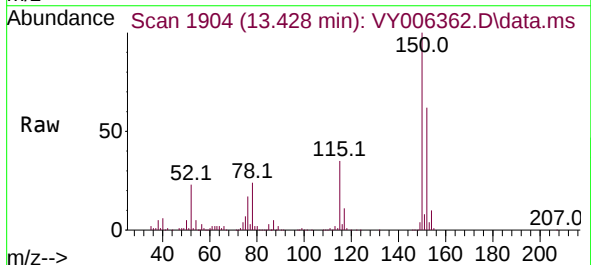
Instrument :
MSVOA_Y
ClientSampleId :

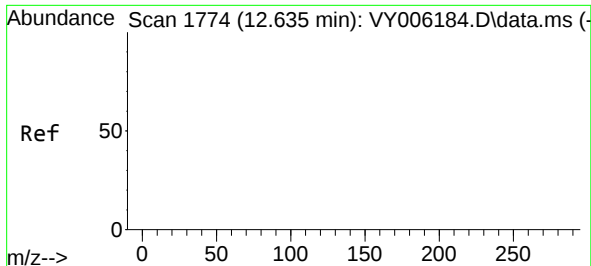
Tgt Ion:117 Resp: 175090
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

Tgt Ion:152 Resp: 81447
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 159.9 0.0 347.6

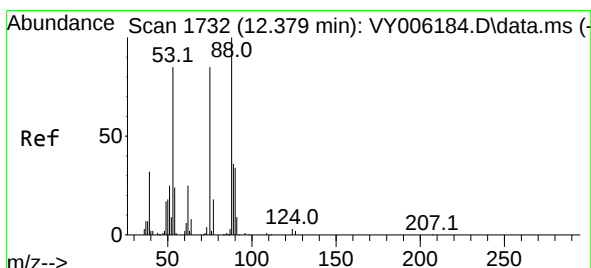
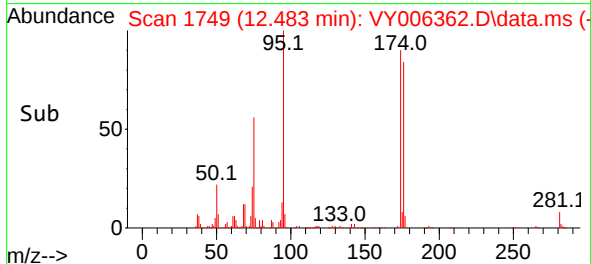
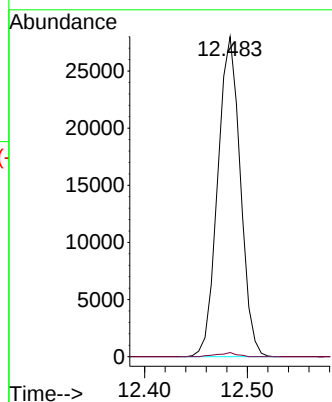
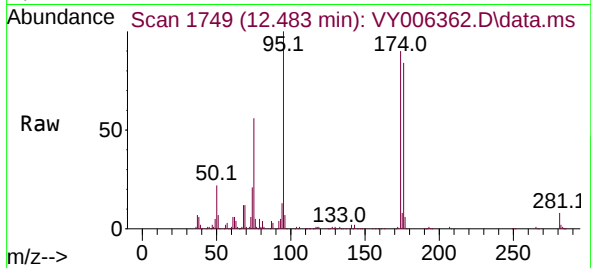




#76
1,2,3-Trichloropropane
Concen: 54.052 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 42789
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.220 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006362.D
Acq: 08 Oct 2021 18:09

Tgt Ion: 75 Resp: 42789
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

