

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
 Data File : VY007549.D
 Acq On : 18 Feb 2022 16:51
 Operator : SY/MD
 Sample : N1600-02
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA1

Quant Time: Feb 19 04:34:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

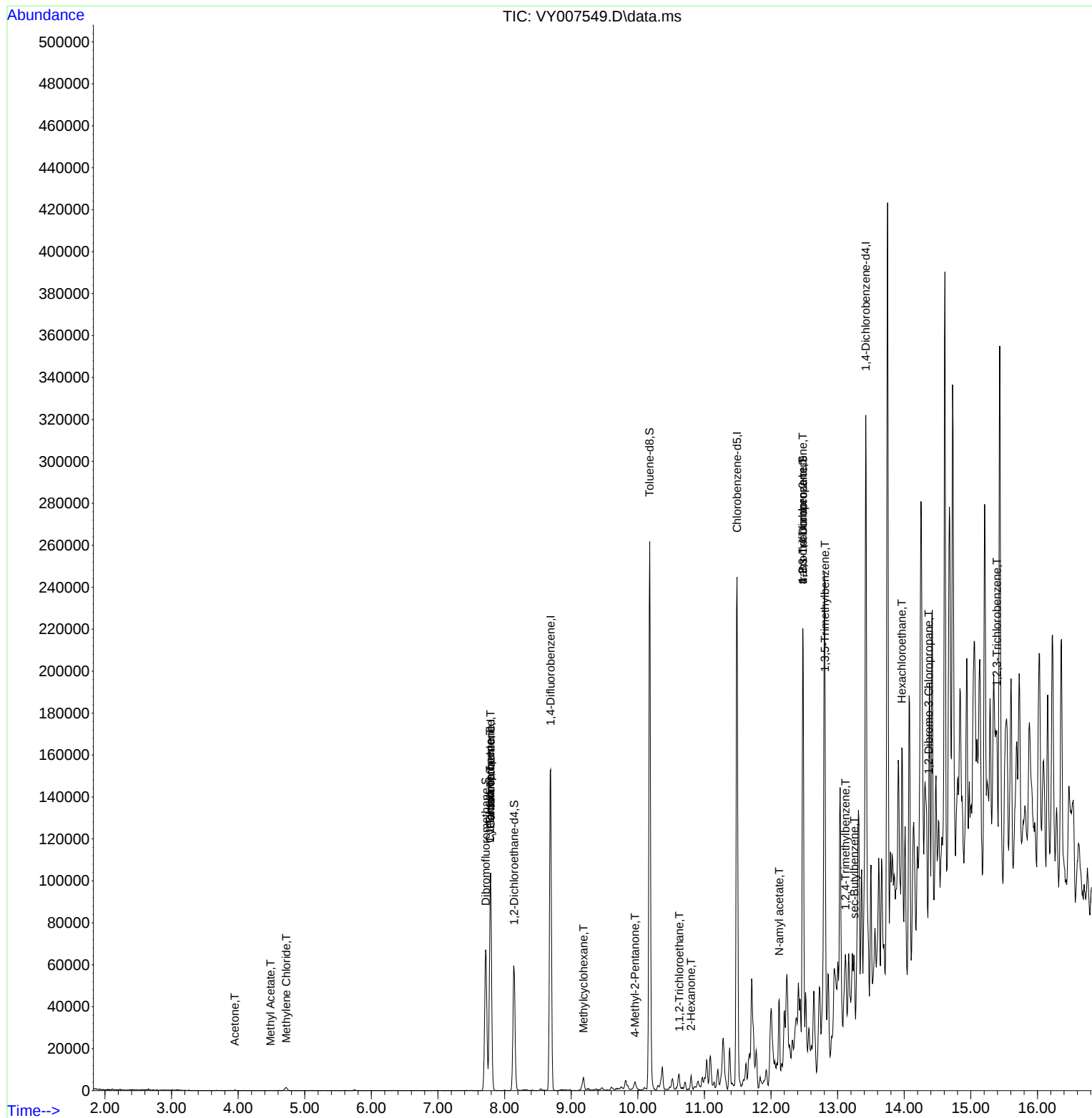
Internal Standards						
1) Pentafluorobenzene	7.789	168	76956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	137158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	136312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46908	55.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.420%	
35) Dibromofluoromethane	7.716	113	46239	53.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.920%	
50) Toluene-d8	10.179	98	162887	49.582	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.160%	
62) 4-Bromofluorobenzene	12.477	95	60825	54.604	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	240	Below Cal	#	1
5) Bromomethane	2.668	94	168	Below Cal	#	53
16) Acetone	3.948	43	537	2.382	ug/l #	73
18) Methyl Acetate	4.485	43	62	1.495	ug/l #	56
20) Methylene Chloride	4.722	84	1227	1.328	ug/l #	64
31) Cyclohexane	7.783	56	1873	1.247	ug/l #	44
36) 1,1-Dichloropropene	7.783	75	5612	4.005	ug/l #	53
38) Carbon Tetrachloride	7.789	117	8298	5.211	ug/l #	16
39) Methylcyclohexane	9.185	83	2583	1.420	ug/l	87
51) 4-Methyl-2-Pentanone	9.959	43	1527	2.391	ug/l #	40
55) 1,1,2-Trichloroethane	10.624	97	2997	3.972	ug/l #	17
59) 2-Hexanone	10.801	43	2101	4.557	ug/l #	30
74) N-amyl acetate	12.124	43	7138	6.128	ug/l #	72
76) 1,2,3-Trichloropropane	12.477	75	32864	48.972	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.812	105	17411	4.085	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.477	75	32864	101.785	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.117	105	15712	3.802	ug/l	98
85) sec-Butylbenzene	13.251	105	6583	1.199	ug/l	88
90) Hexachloroethane	13.965	117	3631	4.201	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.367	75	321	2.145	ug/l #	41
96) 1,2,3-Trichlorobenzene	15.391	180	2248	2.292	ug/l #	1

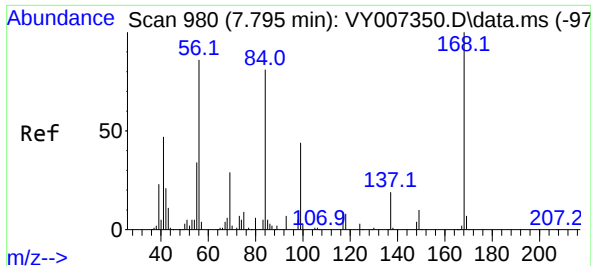
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021822\
Data File : VY007549.D
Acq On : 18 Feb 2022 16:51
Operator : SY/MD
Sample : N1600-02
Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C0AA1

Quant Time: Feb 19 04:34:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 15 09:34:50 2022
Response via : Initial Calibration

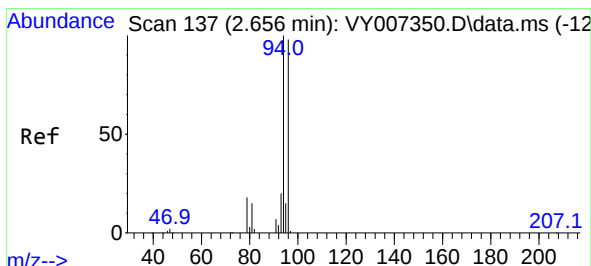
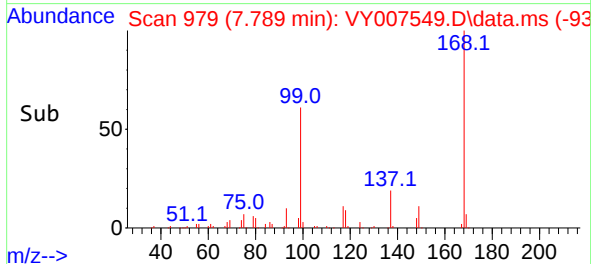
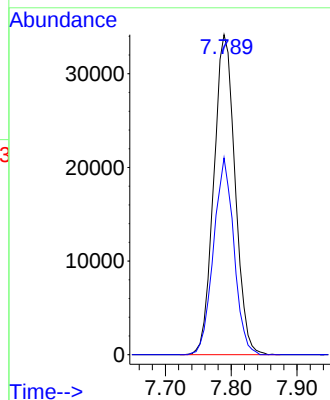
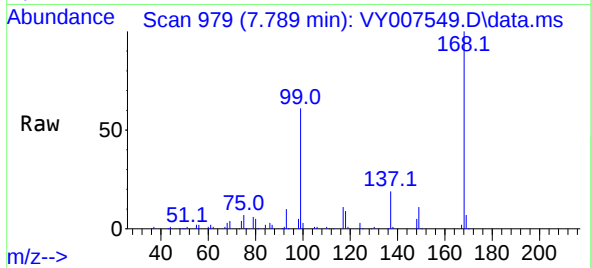




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

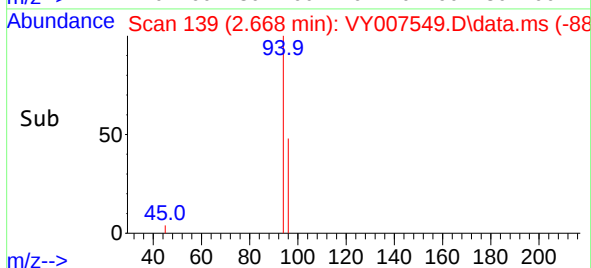
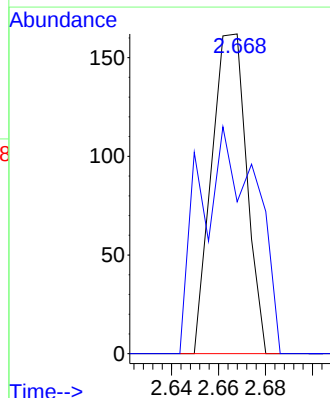
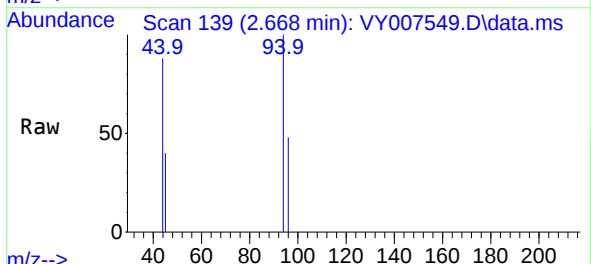
Instrument :
MSVOA_Y
ClientSampleId :
C0AA1

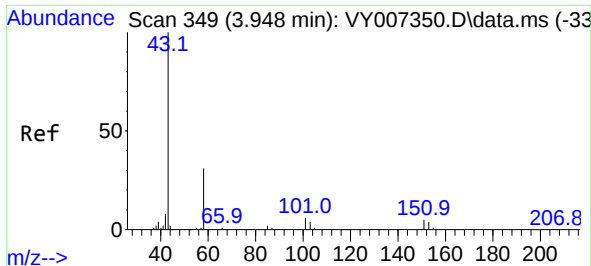
Tgt Ion:168 Resp: 76956
Ion Ratio Lower Upper
168 100
99 61.5 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

Tgt Ion: 94 Resp: 168
Ion Ratio Lower Upper
94 100
96 47.5 73.5 110.3#

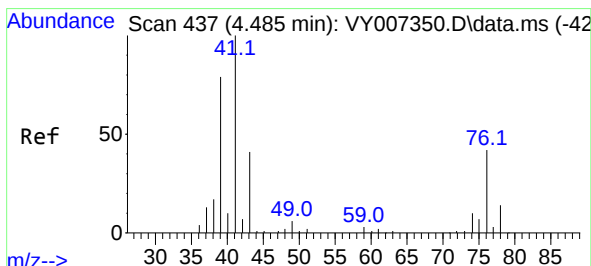
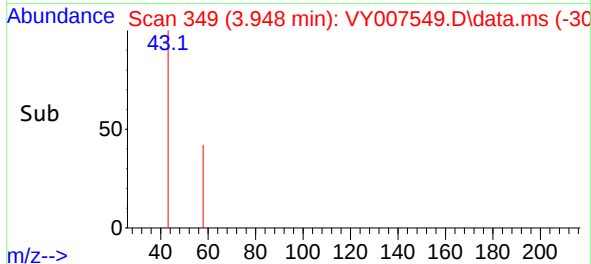
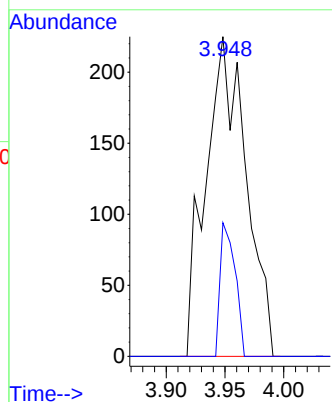
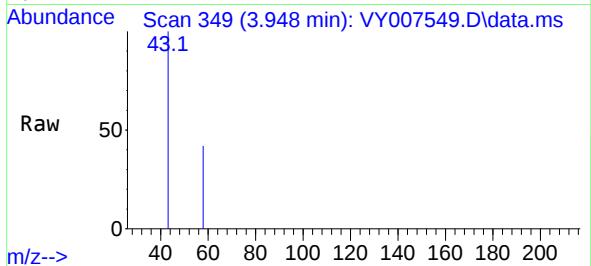




#16
Acetone
Concen: 2.382 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

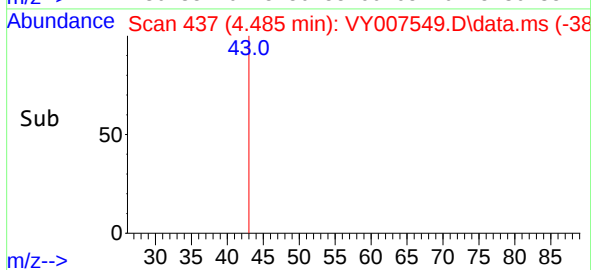
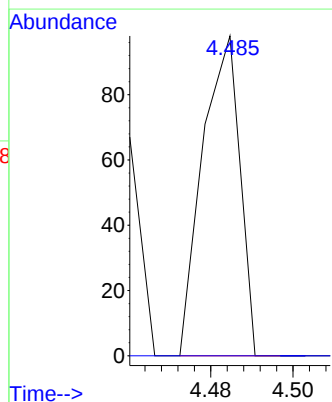
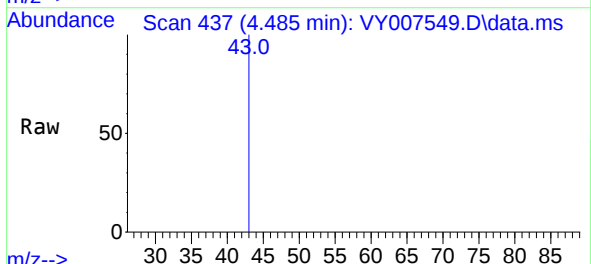
Instrument :
MSVOA_Y
ClientSampleId :
C0AA1

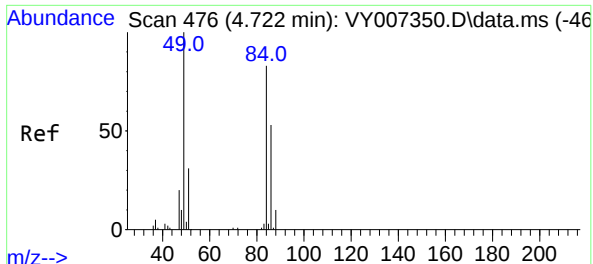
Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
58 41.8 22.0 33.0#



#18
Methyl Acetate
Concen: 1.495 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



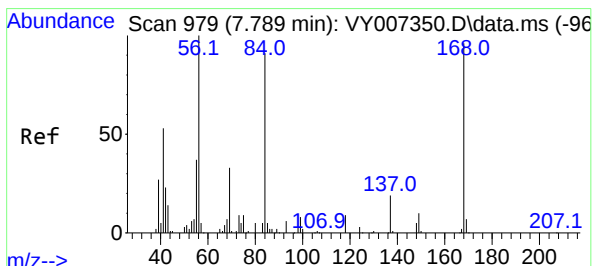
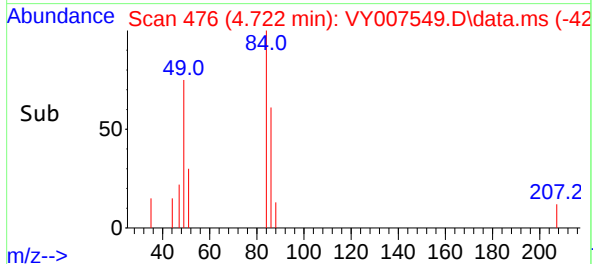
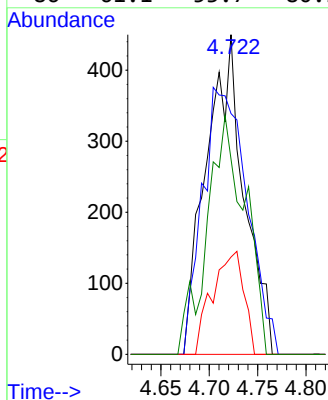
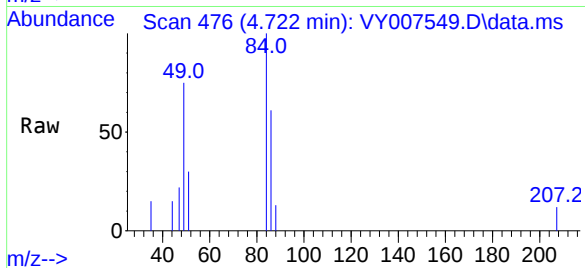


#20
Methylene Chloride
Concen: 1.328 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

Instrument :
MSVOA_Y
ClientSampleId :
C0AA1

Tgt Ion: 84 Resp: 1227

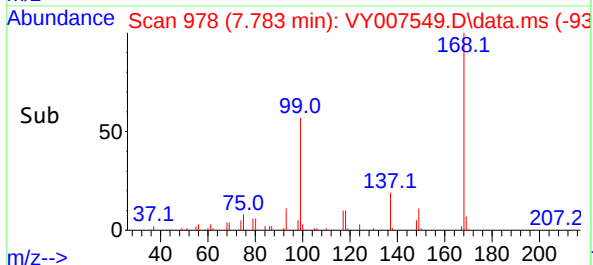
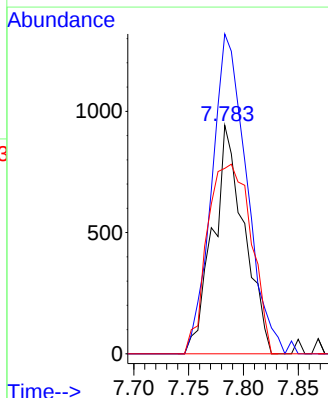
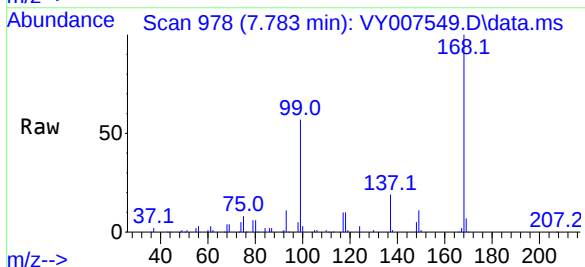
Ion	Ratio	Lower	Upper
84	100		
49	75.3	114.4	171.6#
51	30.4	35.3	52.9#
86	61.1	53.7	80.5

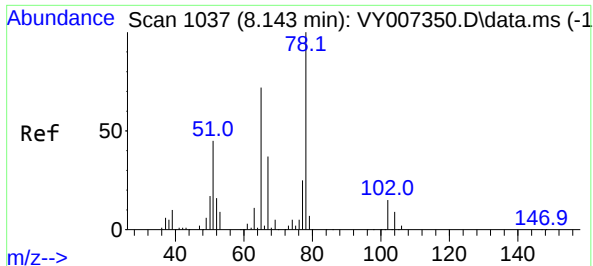


#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

Tgt Ion: 56 Resp: 1873

Ion	Ratio	Lower	Upper
56	100		
69	140.0	26.7	40.1#
84	81.2	67.2	100.8

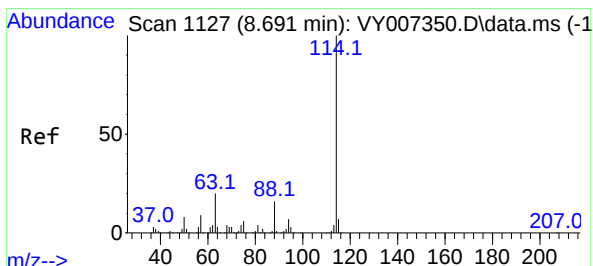
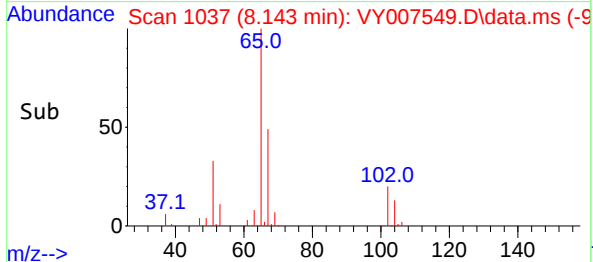
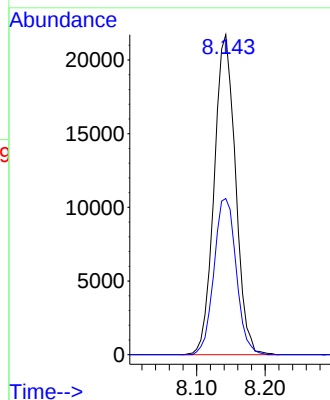
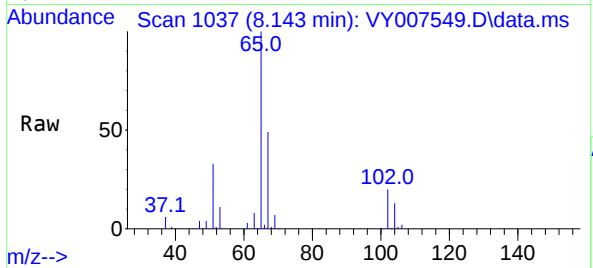




#33
1,2-Dichloroethane-d4
Concen: 55.210 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

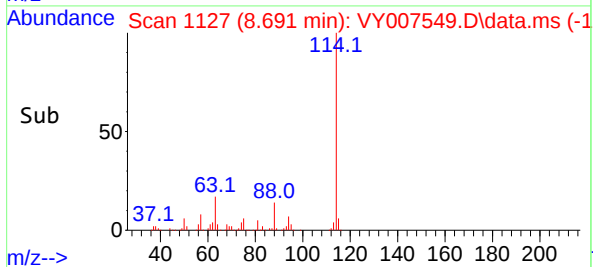
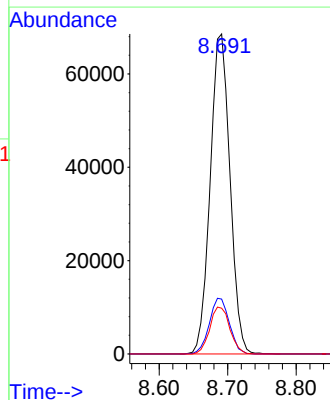
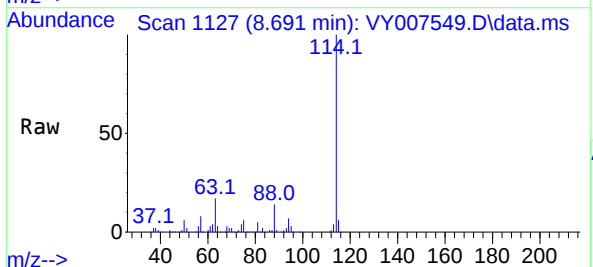
Instrument :
MSVOA_Y
ClientSampleId :
C0AA1

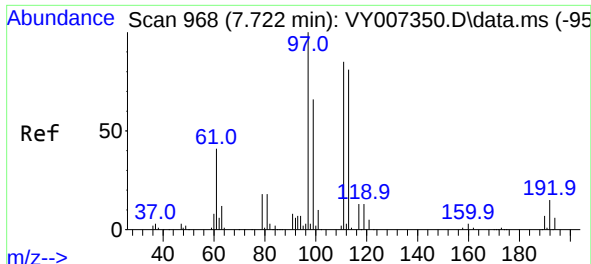
Tgt Ion: 65 Resp: 46908
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

Tgt Ion: 114 Resp: 137158
Ion Ratio Lower Upper
114 100
63 17.1 0.0 43.2
88 14.3 0.0 31.8

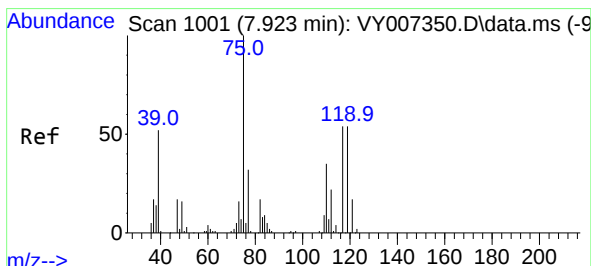
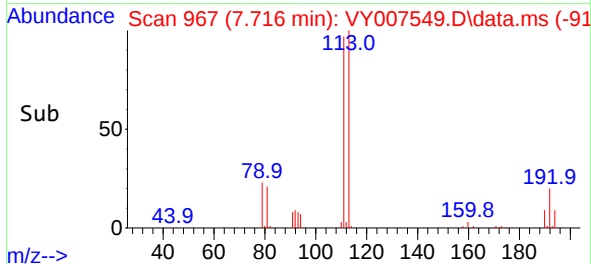
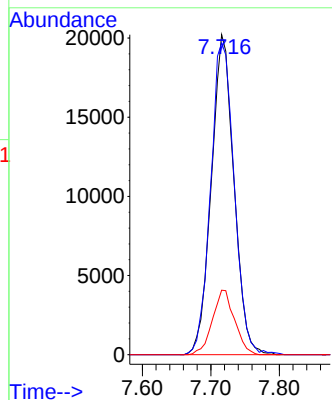
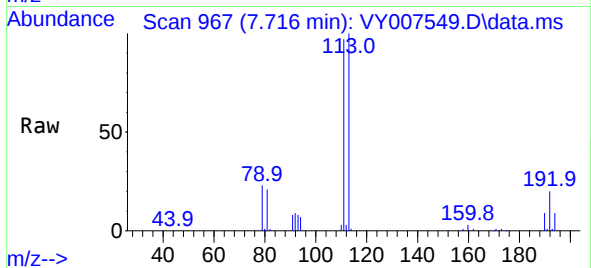




#35
Dibromofluoromethane
Concen: 53.458 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

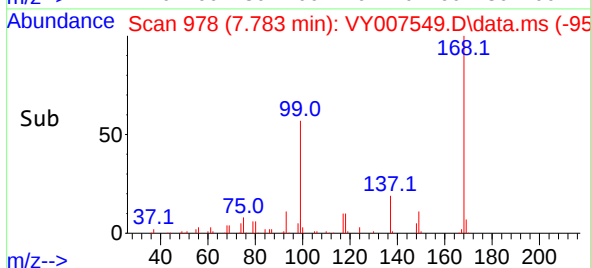
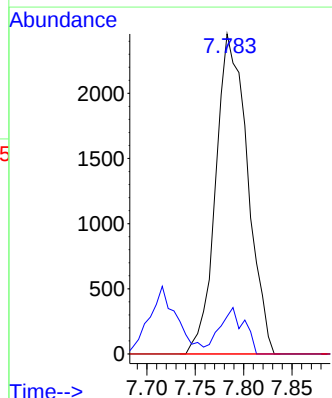
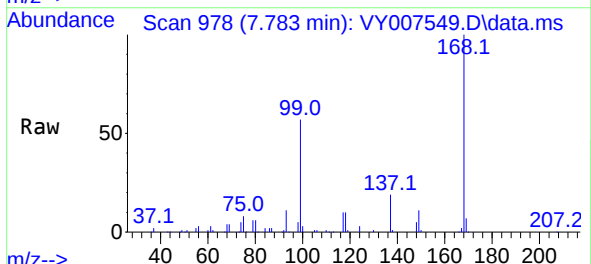
Instrument :
MSVOA_Y
ClientSampleId :
C0AA1

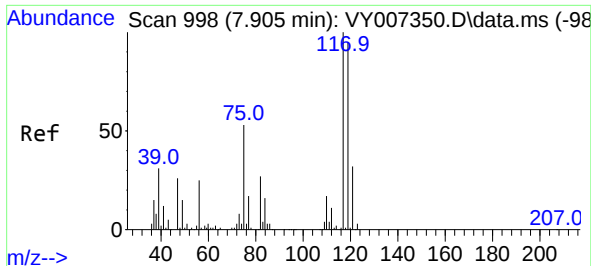
Tgt Ion:113 Resp: 46239
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.005 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

Tgt Ion: 75 Resp: 5612
Ion Ratio Lower Upper
75 100
110 11.2 17.1 51.2#
77 0.0 24.4 36.6#

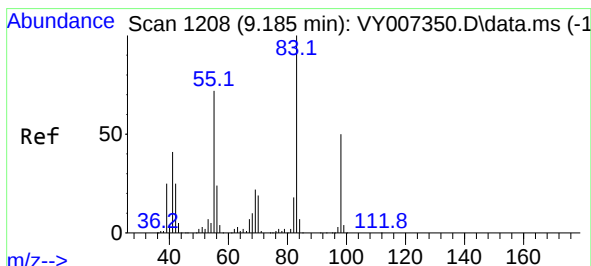
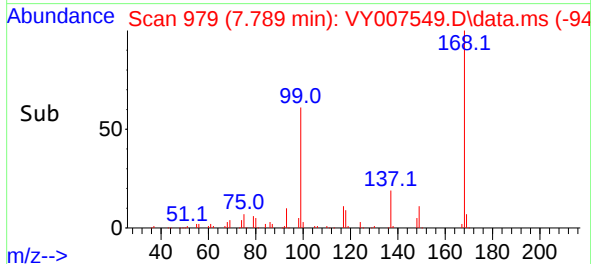
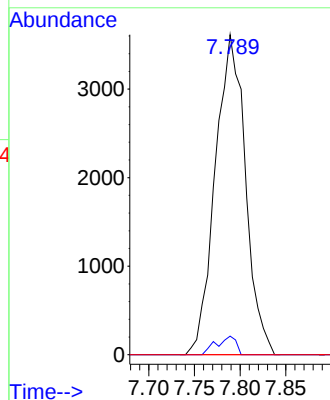
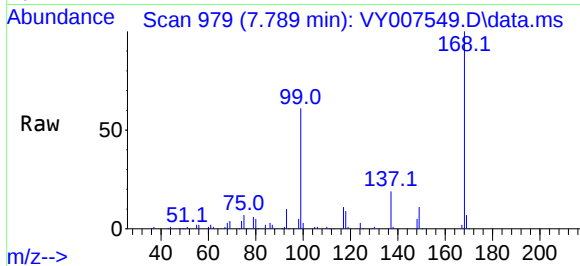




#38
Carbon Tetrachloride
Concen: 5.211 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

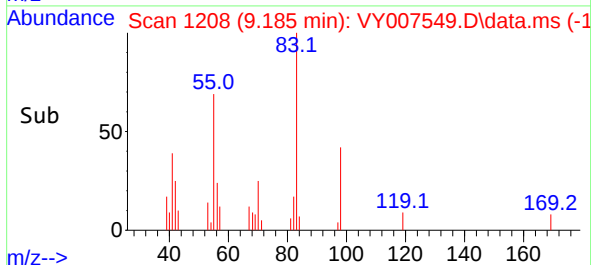
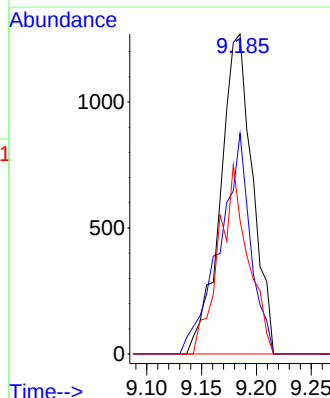
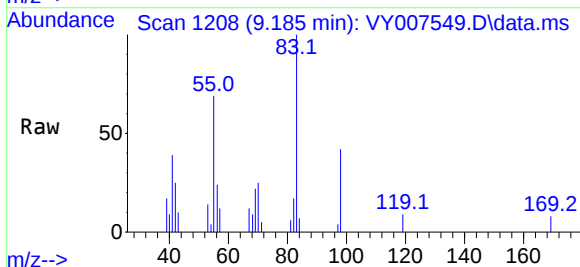
Instrument :
MSVOA_Y
ClientSampleId :
C0AA1

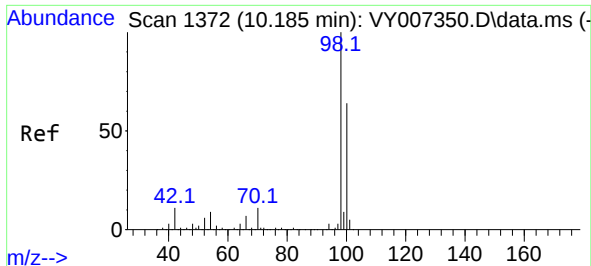
Tgt Ion:117 Resp: 8298
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 1.420 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

Tgt Ion: 83 Resp: 2583
Ion Ratio Lower Upper
83 100
55 68.9 66.5 99.7
98 41.7 37.9 56.9

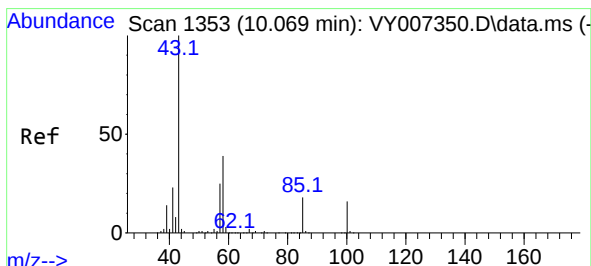
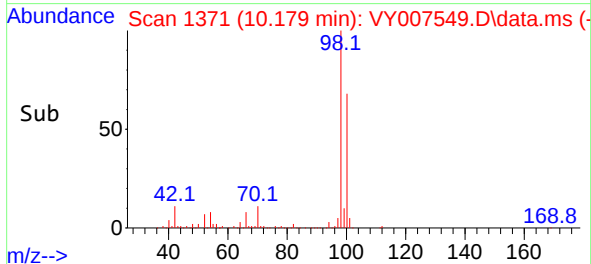
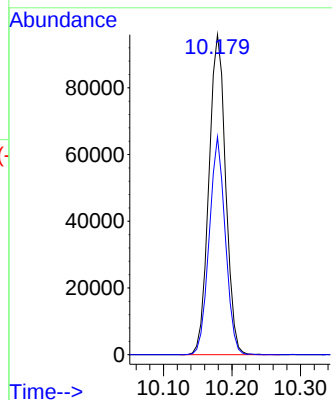
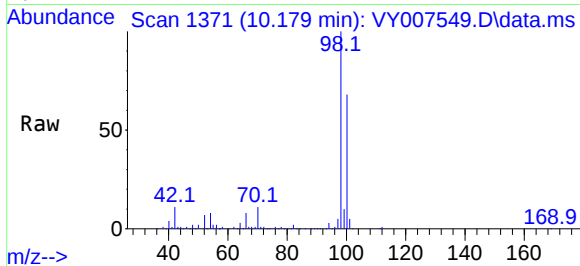




#50
Toluene-d8
Concen: 49.582 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

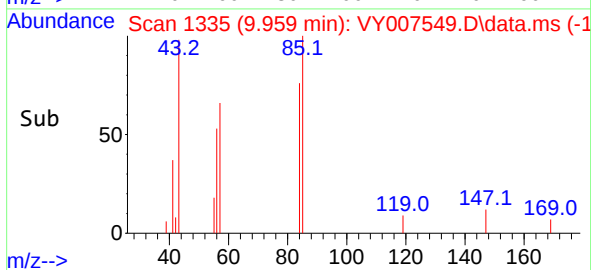
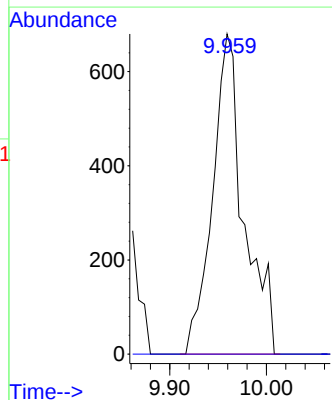
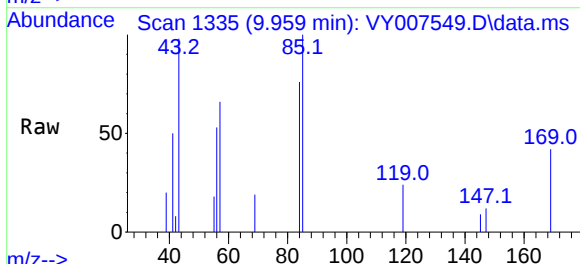
Instrument :
MSVOA_Y
ClientSampleId :
C0AA1

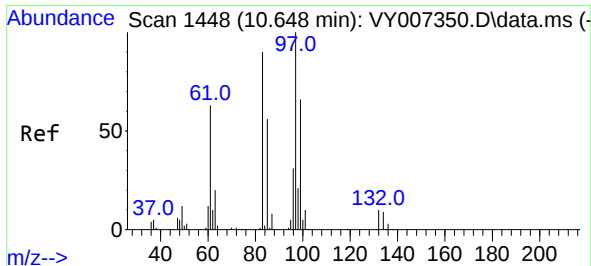
Tgt Ion: 98 Resp: 162887
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 2.391 ug/l
RT: 9.959 min Scan# 1335
Delta R.T. -0.110 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

Tgt Ion: 43 Resp: 1527
Ion Ratio Lower Upper
43 100
58 0.0 28.1 42.1#

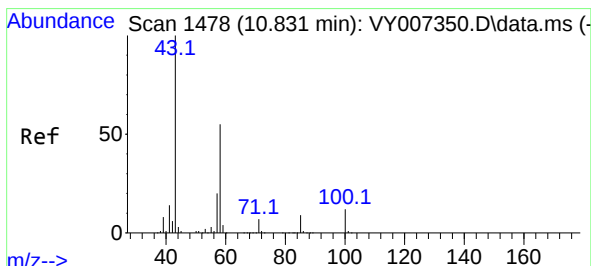
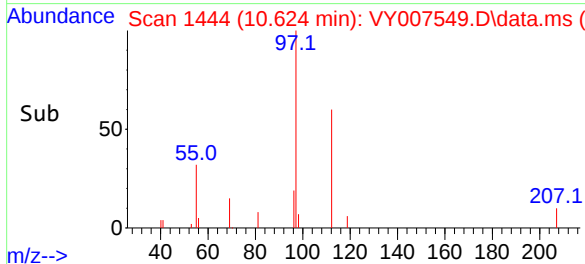
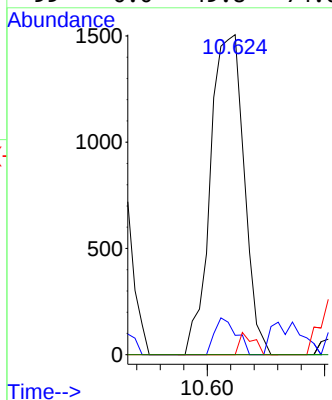
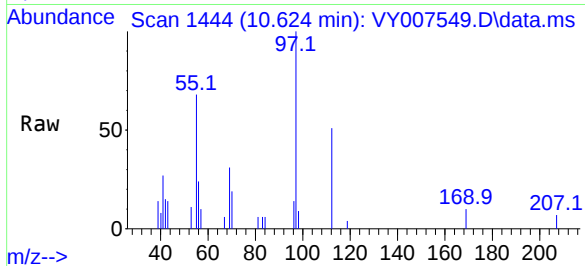




#55
1,1,2-Trichloroethane
Concen: 3.972 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

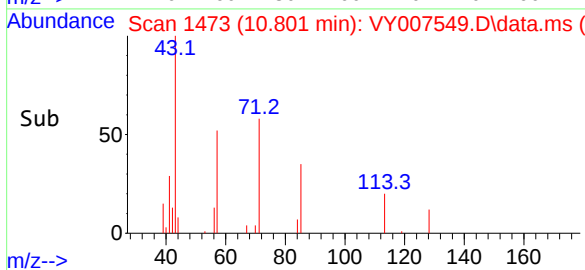
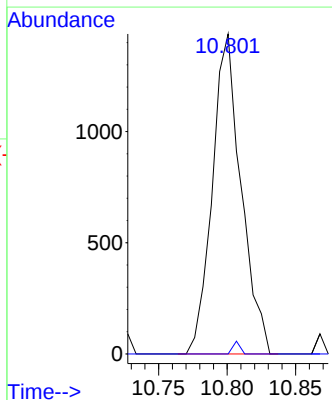
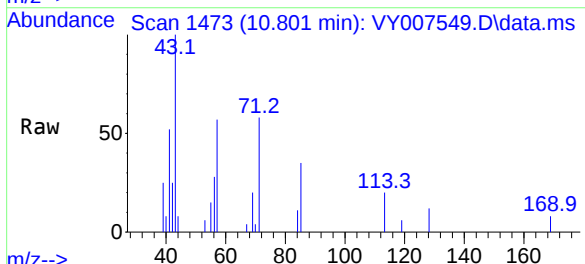
Instrument :
MSVOA_Y
ClientSampleId :
C0AA1

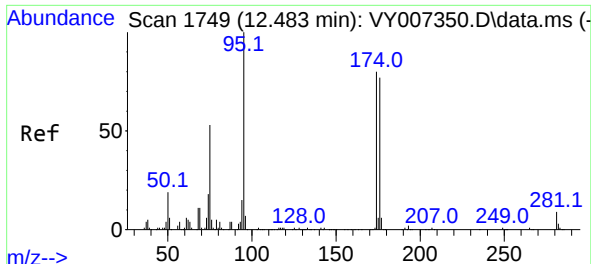
Tgt Ion: 97	Resp: 2997
Ion Ratio	Lower Upper
97 100	
83 6.0	69.8 104.8#
85 0.0	44.3 66.5#
99 0.0	49.8 74.6#



#59
2-Hexanone
Concen: 4.557 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

Tgt Ion: 43	Resp: 2101
Ion Ratio	Lower Upper
43 100	
58 1.0	24.4 73.4#

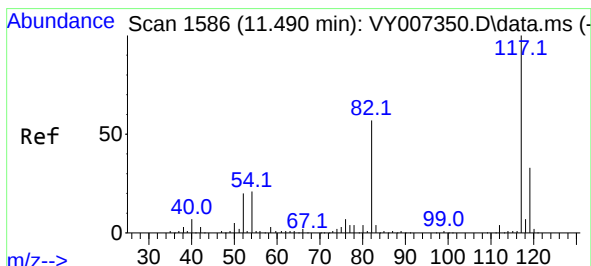
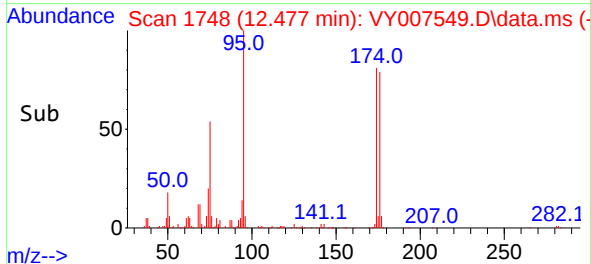
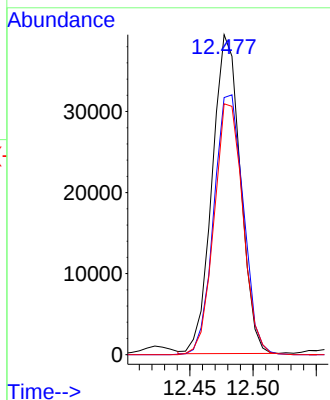
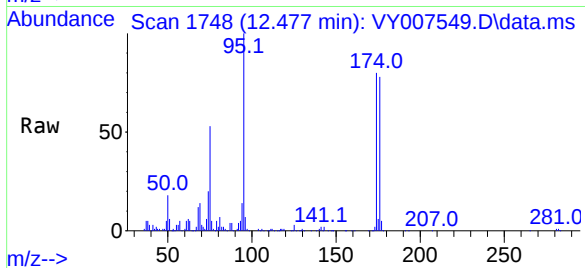




#62
4-Bromofluorobenzene
Concen: 54.604 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

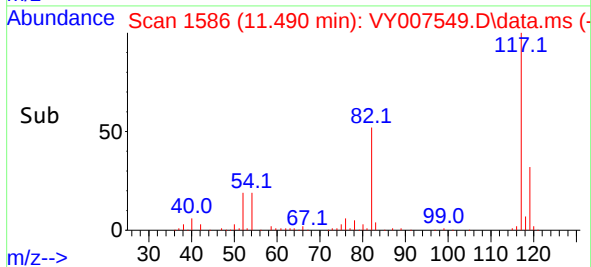
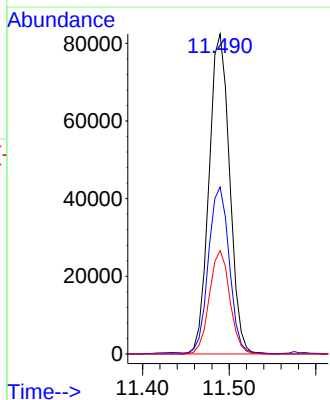
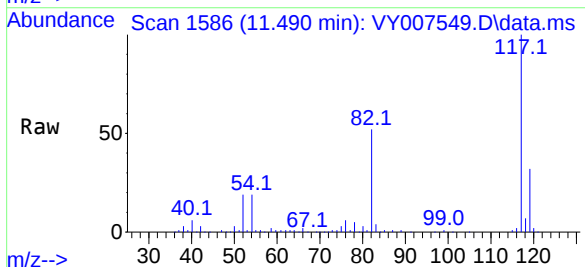
Instrument :
MSVOA_Y
ClientSampleId :
C0AA1

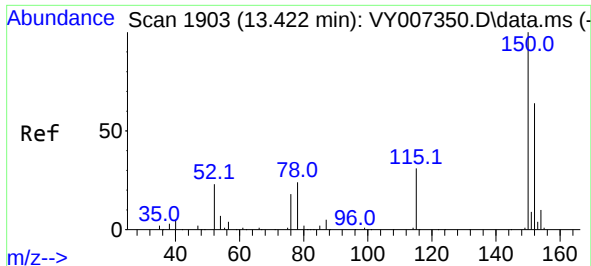
Tgt Ion: 95 Resp: 60825
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 80.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

Tgt Ion: 117 Resp: 136312
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.3 25.4 38.0

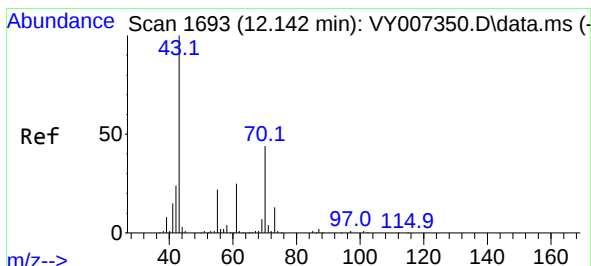
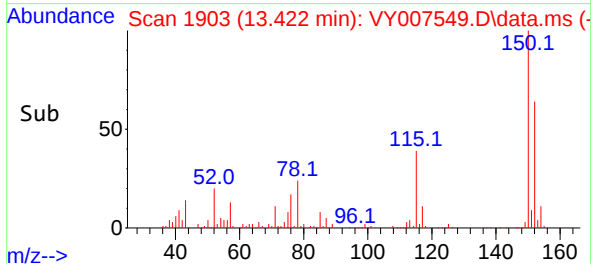
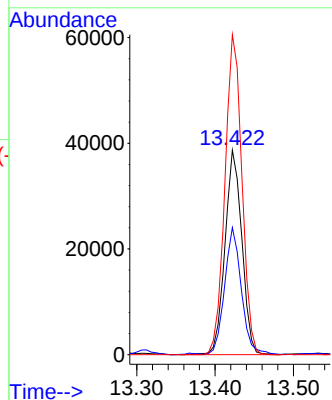
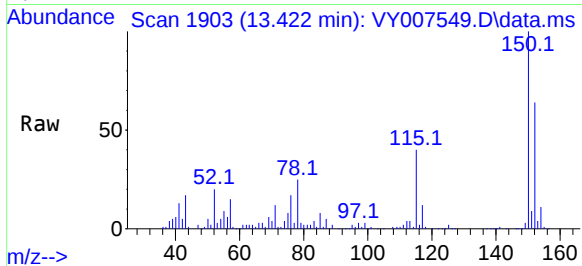




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

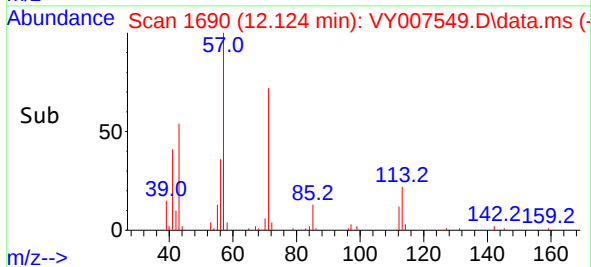
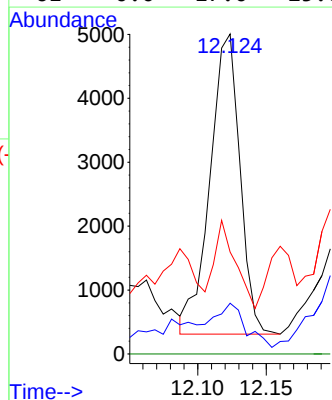
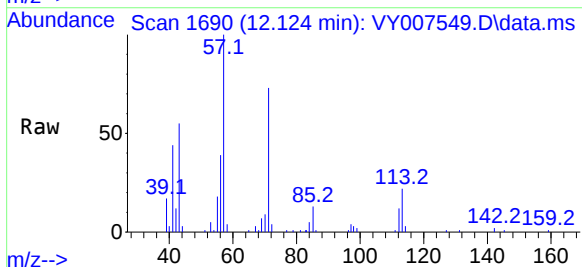
Instrument :
MSVOA_Y
ClientSampleId :
C0AA1

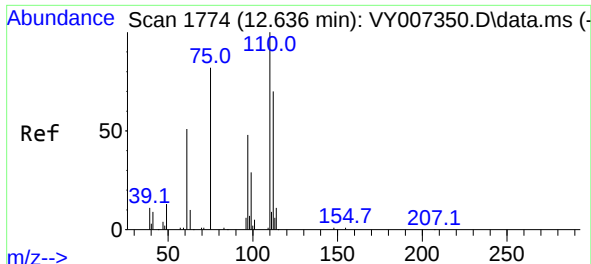
Tgt Ion:152 Resp: 58080
Ion Ratio Lower Upper
152 100
115 61.9 28.2 84.7
150 157.2 0.0 347.6



#74
N-ethyl acetate
Concen: 6.128 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

Tgt Ion: 43 Resp: 7138
Ion Ratio Lower Upper
43 100
70 16.4 28.7 43.1#
55 20.0 17.3 25.9
61 0.0 17.0 25.6#

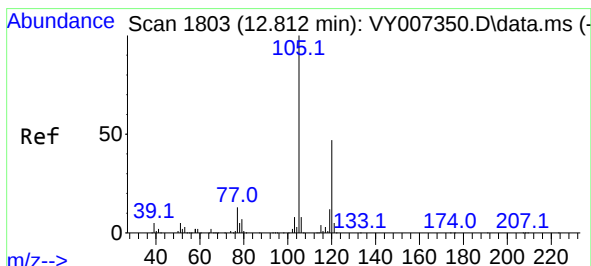
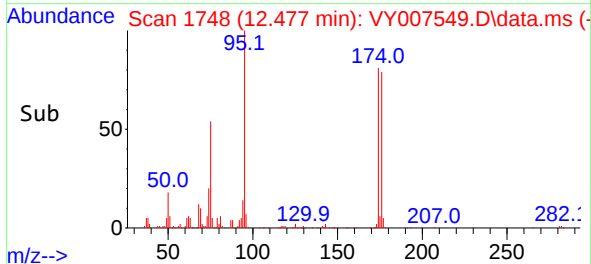
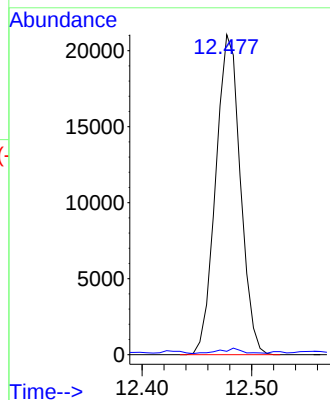
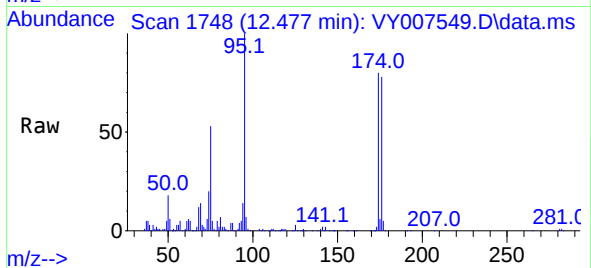




#76
1,2,3-Trichloropropane
Concen: 48.972 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.159 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

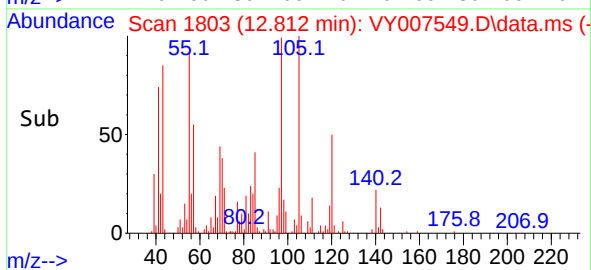
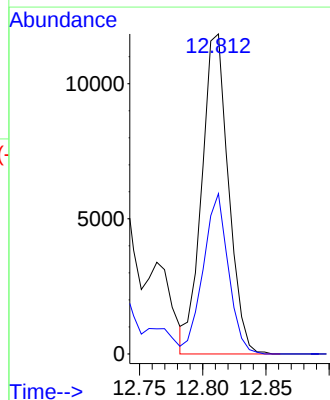
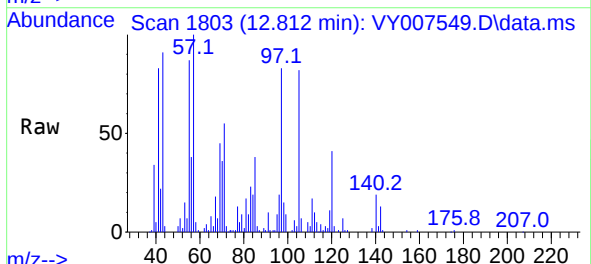
Instrument :
MSVOA_Y
ClientSampleId :
C0AA1

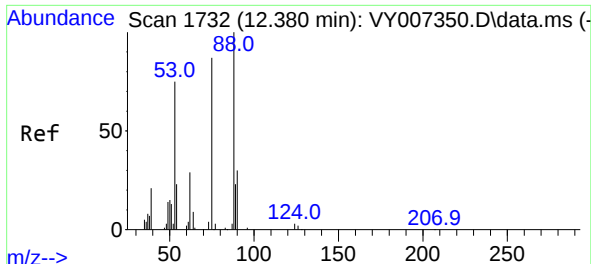
Tgt Ion: 75 Resp: 32864
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 4.085 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

Tgt Ion:105 Resp: 17411
Ion Ratio Lower Upper
105 100
120 47.3 24.4 73.4

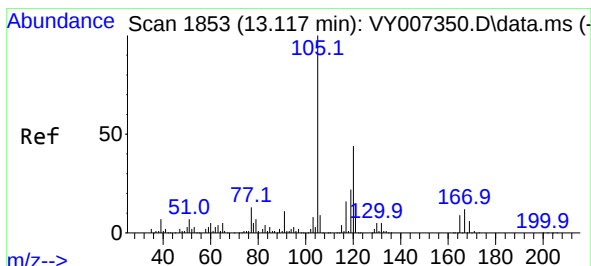
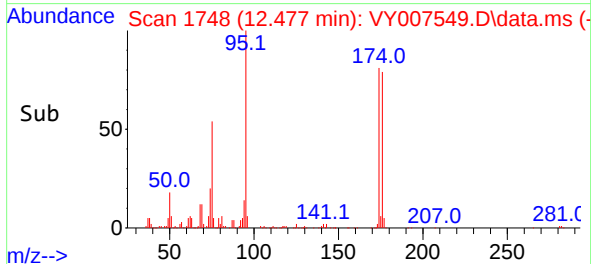
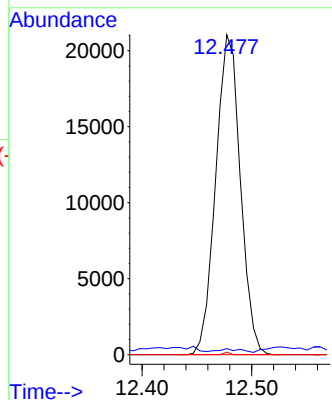
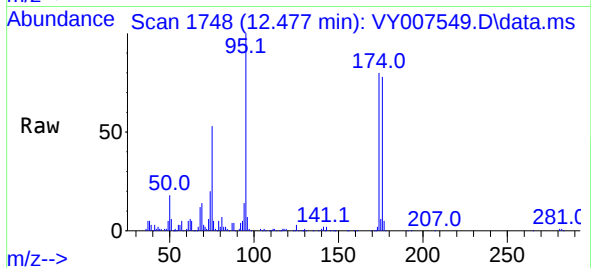




#81
trans-1,4-Dichloro-2-butene
Concen: 101.785 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

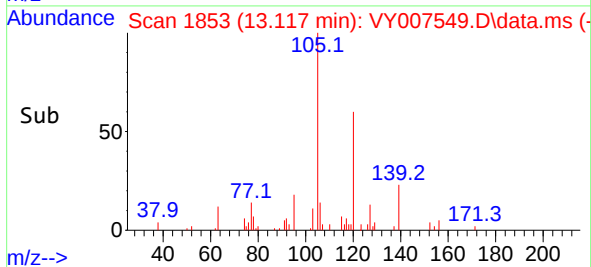
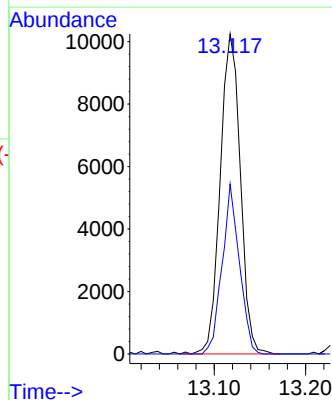
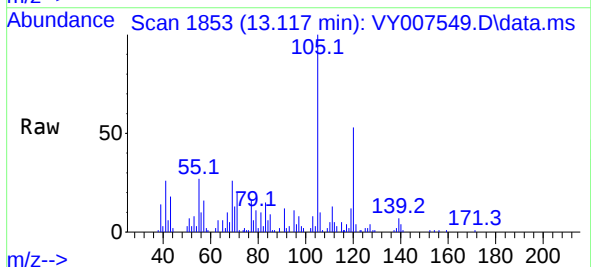
Instrument :
MSVOA_Y
ClientSampleId :
C0AA1

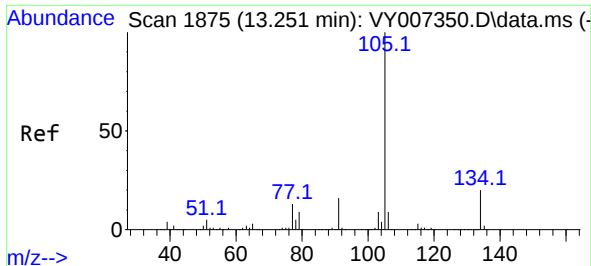
Tgt Ion: 75 Resp: 32864
Ion Ratio Lower Upper
75 100
53 1.0 85.3 127.9#
89 0.2 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 3.802 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007549.D
Acq: 18 Feb 2022 16:51

Tgt Ion: 105 Resp: 15712
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9

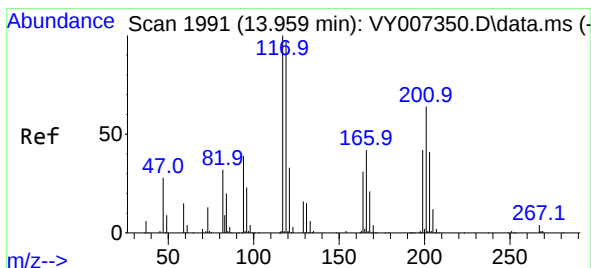
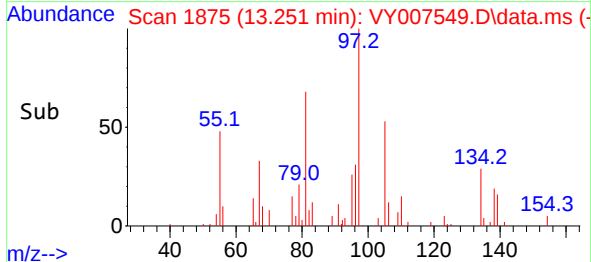
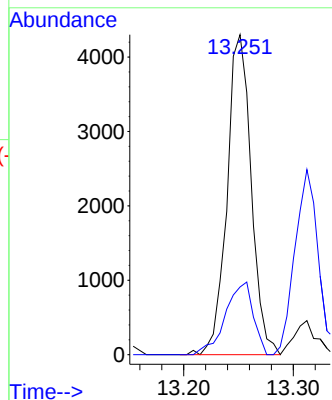
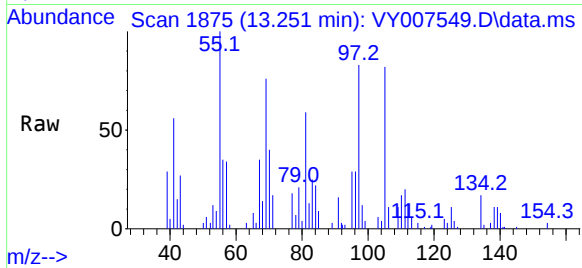




#85
 sec-Butylbenzene
 Concen: 1.199 ug/l
 RT: 13.251 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY007549.D
 Acq: 18 Feb 2022 16:51

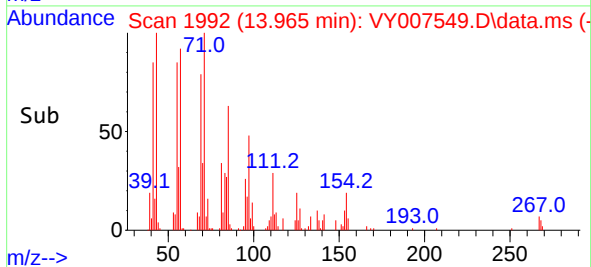
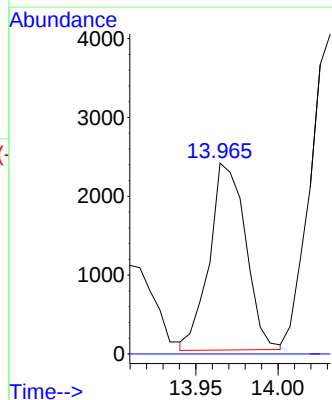
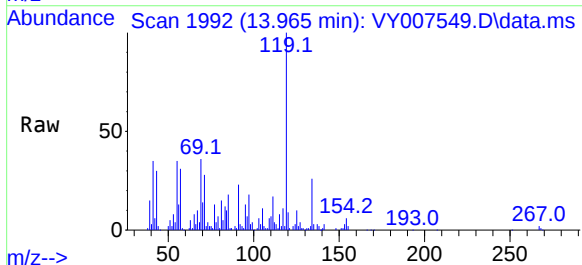
Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA1

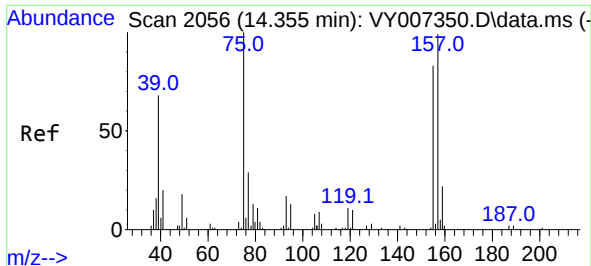
Tgt Ion:105 Resp: 6583
 Ion Ratio Lower Upper
 105 100
 134 26.0 10.2 30.4



#90
 Hexachloroethane
 Concen: 4.201 ug/l
 RT: 13.965 min Scan# 1992
 Delta R.T. 0.006 min
 Lab File: VY007549.D
 Acq: 18 Feb 2022 16:51

Tgt Ion:117 Resp: 3631
 Ion Ratio Lower Upper
 117 100
 201 0.0 43.0 128.8#

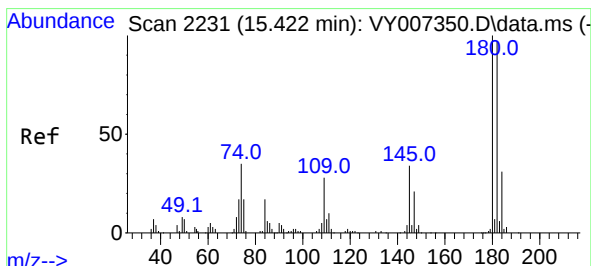
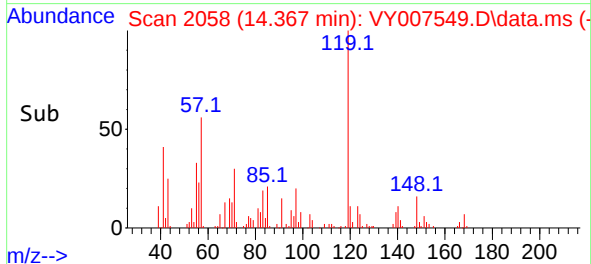
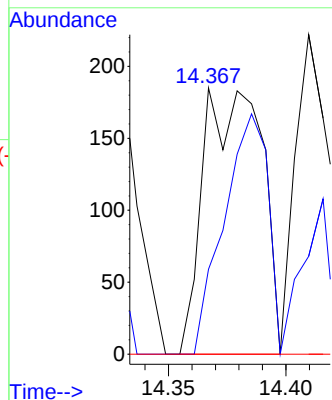
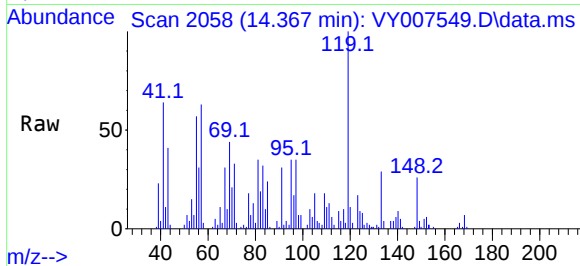




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.145 ug/l
 RT: 14.367 min Scan# 2058
 Delta R.T. 0.012 min
 Lab File: VY007549.D
 Acq: 18 Feb 2022 16:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA1

Tgt Ion: 75 Resp: 321
 Ion Ratio Lower Upper
 75 100
 155 67.6 38.0 113.9
 157 0.0 47.8 143.3#



#96
 1,2,3-Trichlorobenzene
 Concen: 2.292 ug/l
 RT: 15.391 min Scan# 2226
 Delta R.T. -0.031 min
 Lab File: VY007549.D
 Acq: 18 Feb 2022 16:51

Tgt Ion: 180 Resp: 2248
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.9#
 145 280.4 15.3 45.9#

