

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
 Data File : VY005540.D
 Acq On : 04 Aug 2021 16:11
 Operator : SY/MD
 Sample : M3291-04
 Misc : 6.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 05 06:40:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

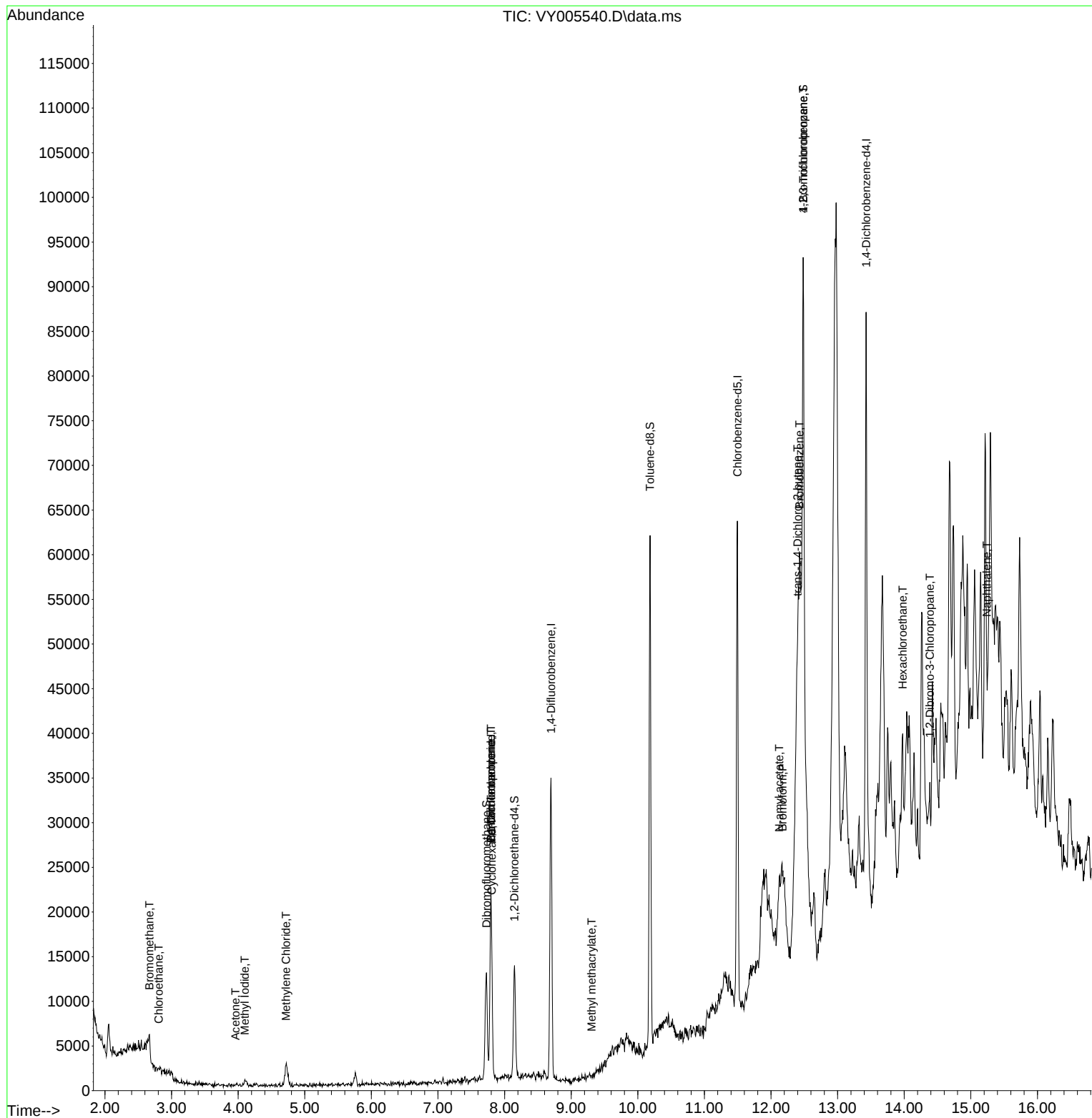
Internal Standards						
1) Pentafluorobenzene	7.795	168	17531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	28663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	29287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10497	59.152	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.300%			
35) Dibromofluoromethane	7.728	113	7804	48.630	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.260%			
50) Toluene-d8	10.185	98	37461	55.660	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.320%			
62) 4-Bromofluorobenzene	12.483	95	14096	63.247	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 126.500%			
Target Compounds					Qvalue	
5) Bromomethane	2.668	94	269	1.984	ug/l #	72
6) Chloroethane	2.808	64	257	2.067	ug/l #	42
10) Methyl Iodide	4.101	142	1139	6.111	ug/l #	77
16) Acetone	3.960	43	137	3.062	ug/l #	45
20) Methylene Chloride	4.716	84	1662	3.764	ug/l #	76
31) Cyclohexane	7.807	56	374	1.229	ug/l #	38
36) 1,1-Dichloropropene	7.795	75	1196	4.449	ug/l #	41
38) Carbon Tetrachloride	7.795	117	1521	5.206	ug/l #	13
48) Methyl methacrylate	9.307	41	263	1.887	ug/l #	51
71) Bromoform	12.172	173	297	2.065	ug/l #	88
74) N-amyl acetate	12.124	43	504	1.626	ug/l #	32
76) 1,2,3-Trichloropropane	12.483	75	9108	59.599	ug/l #	100
77) Bromobenzene	12.428	156	86458	341.862	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.398	75	1060	13.982	ug/l #	25
90) Hexachloroethane	13.977	117	713	4.178	ug/l #	3
92) 1,2-Dibromo-3-Chloropr...	14.385	75	156	4.156	ug/l #	59
95) Naphthalene	15.239	128	1231	2.086	ug/l #	74

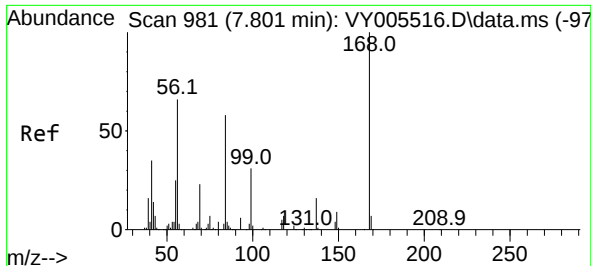
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

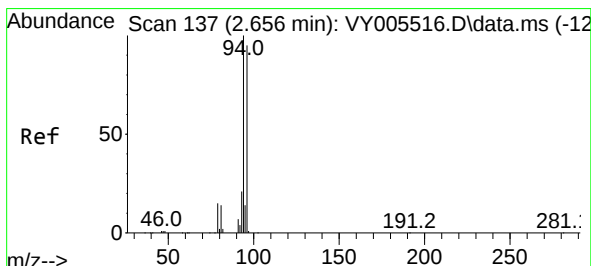
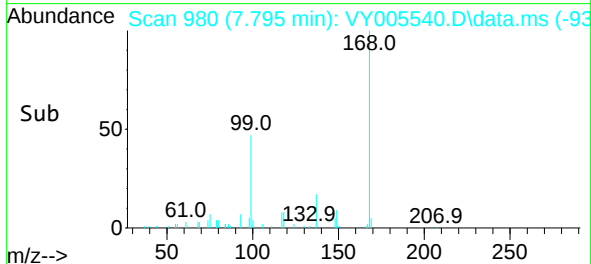
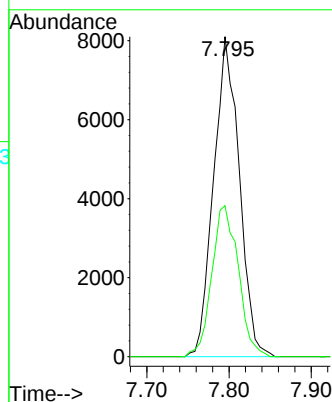
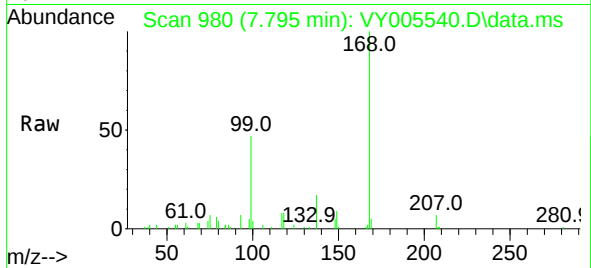




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

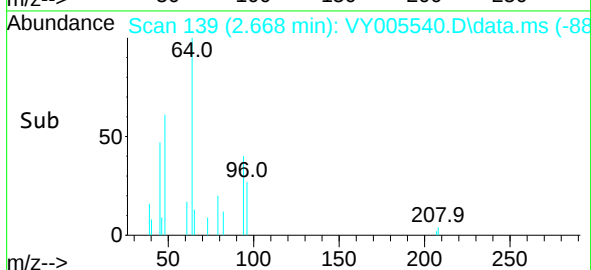
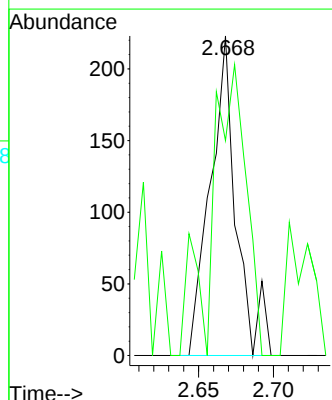
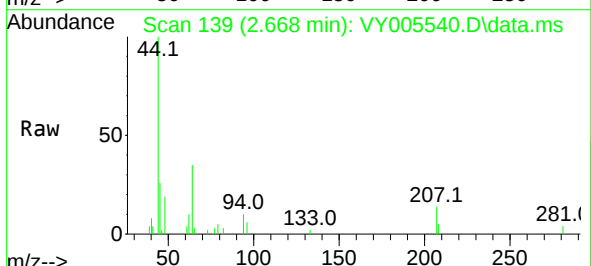
Instrument :
MSVOA_Y
ClientSampleId :

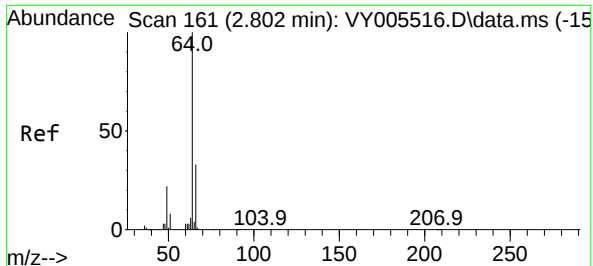
Tgt Ion:168 Resp: 17531
Ion Ratio Lower Upper
168 100
99 47.2 38.9 58.3



#5
Bromomethane
Concen: 1.984 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

Tgt Ion: 94 Resp: 269
Ion Ratio Lower Upper
94 100
96 67.3 75.7 113.5#

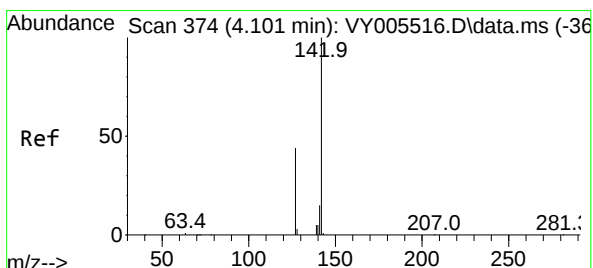
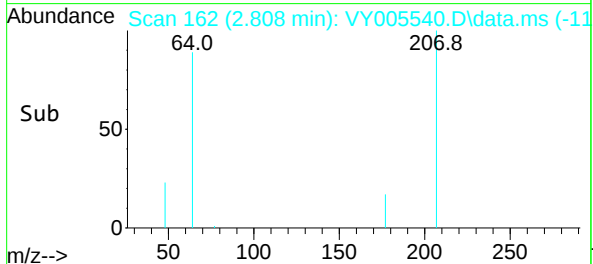
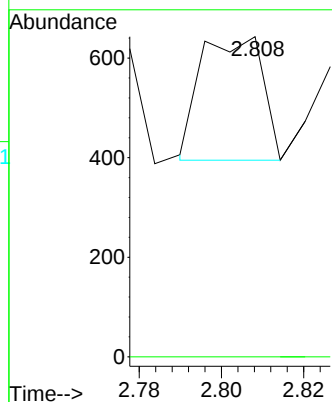
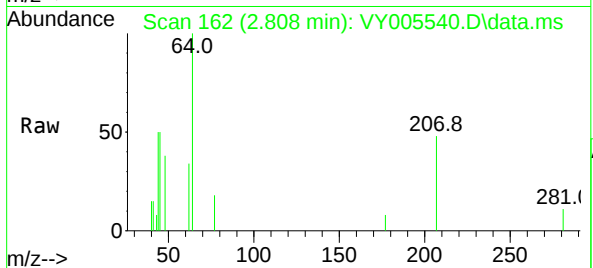




#6
Chloroethane
Concen: 2.067 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

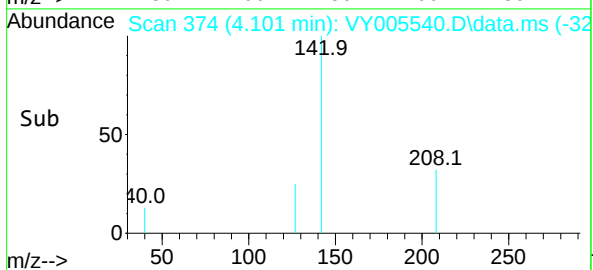
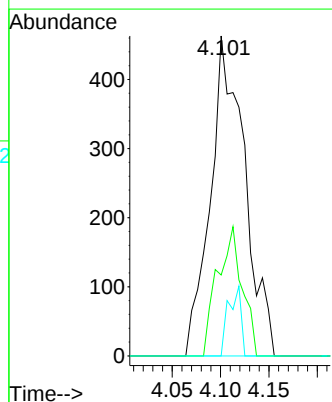
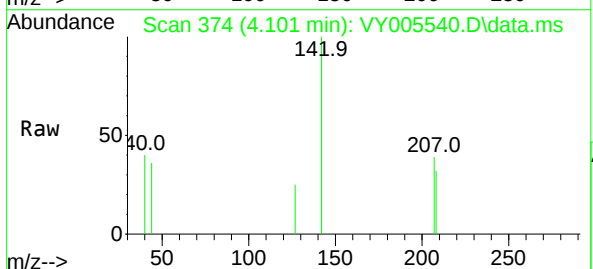
Instrument :
MSVOA_Y
ClientSampled :

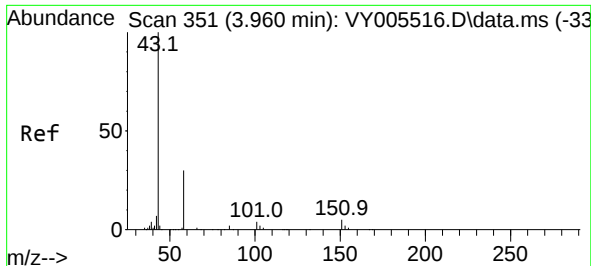
Tgt Ion: 64 Resp: 257
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#10
Methyl Iodide
Concen: 6.111 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

Tgt Ion: 142 Resp: 1139
Ion Ratio Lower Upper
142 100
127 29.1 36.6 54.8#
141 8.0 12.2 18.4#

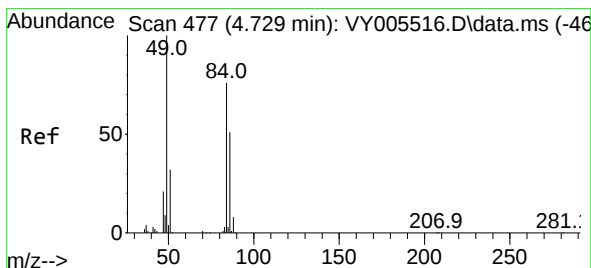
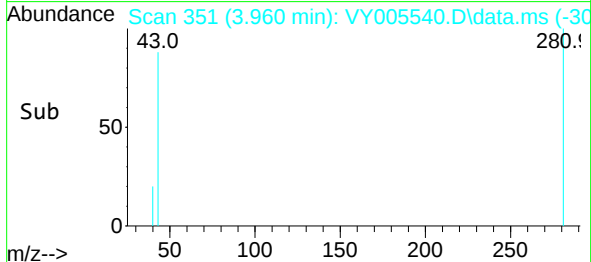
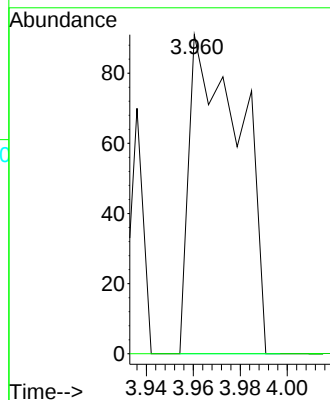
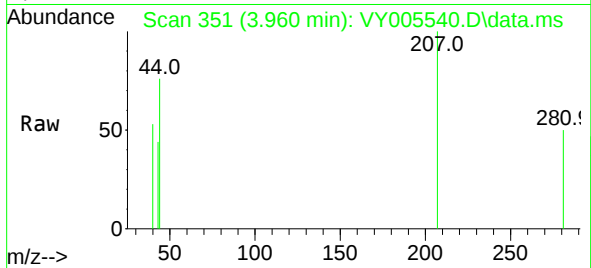




#16
Acetone
Concen: 3.062 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

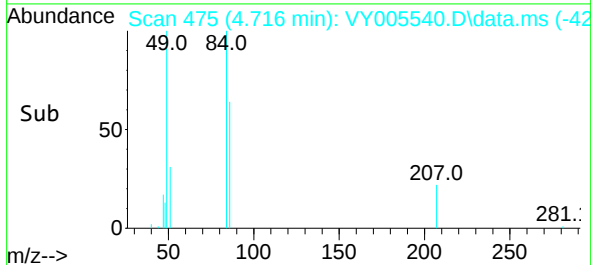
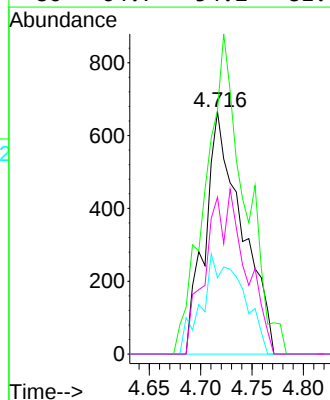
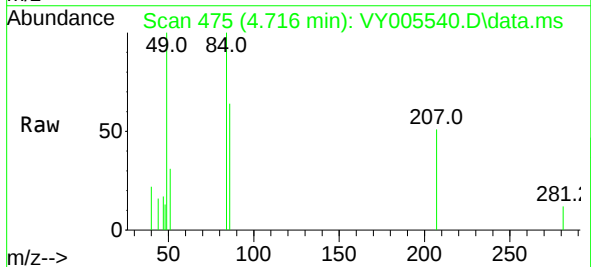
Instrument :
MSVOA_Y
ClientSampled :

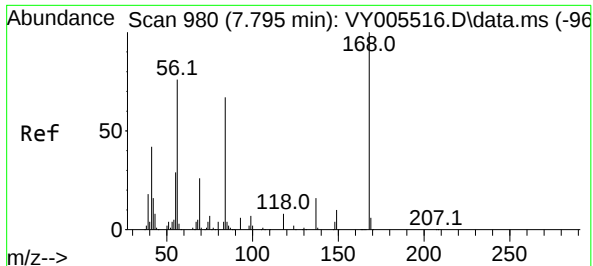
Tgt Ion: 43 Resp: 137
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#20
Methylene Chloride
Concen: 3.764 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

Tgt Ion: 84 Resp: 1662
Ion Ratio Lower Upper
84 100
49 88.3 105.8 158.6#
51 31.5 33.4 50.2#
86 64.7 54.2 81.4

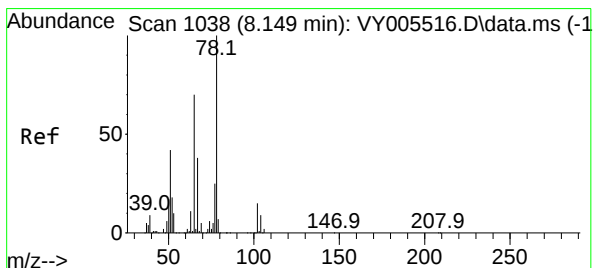
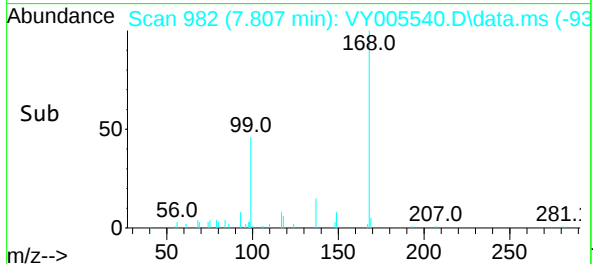
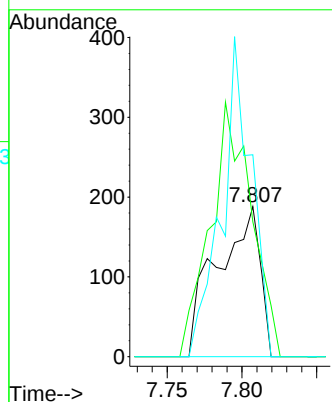
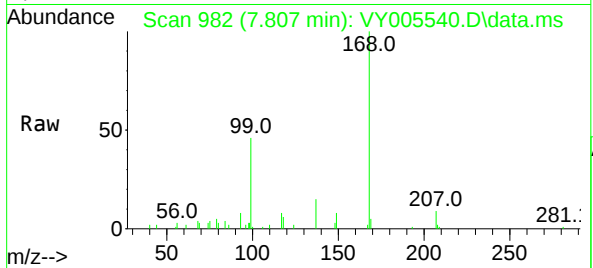




#31
Cyclohexane
Concen: 1.229 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

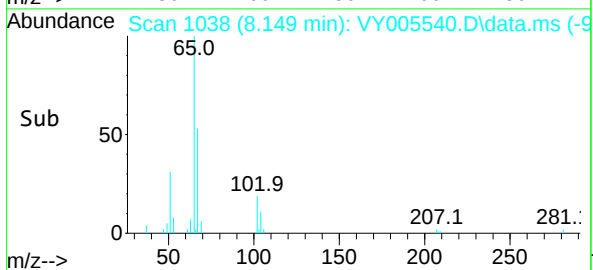
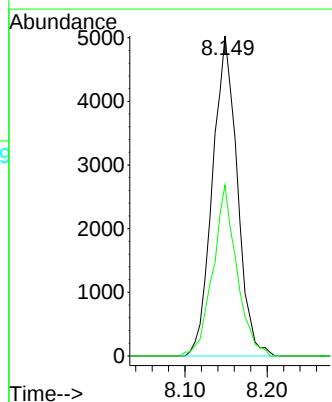
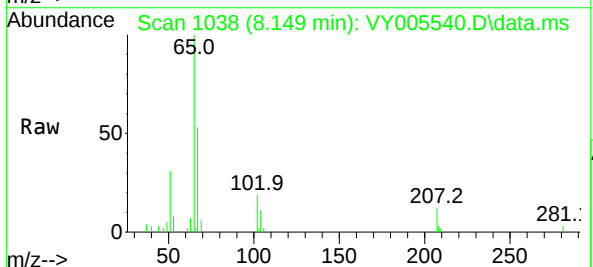
Instrument :
MSVOA_Y
ClientSampleId :

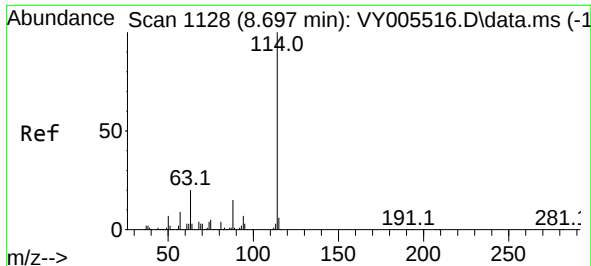
Tgt Ion: 56 Resp: 374
Ion Ratio Lower Upper
56 100
69 89.9 27.7 41.5#
84 134.6 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 59.152 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

Tgt Ion: 65 Resp: 10497
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4

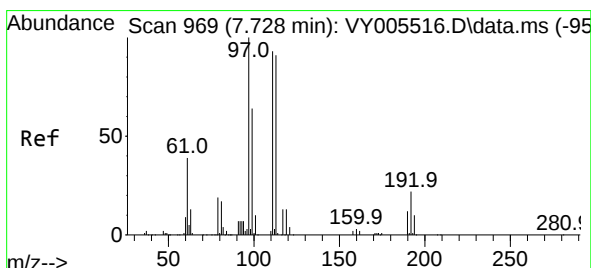
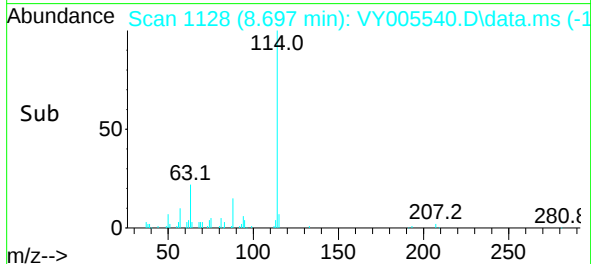
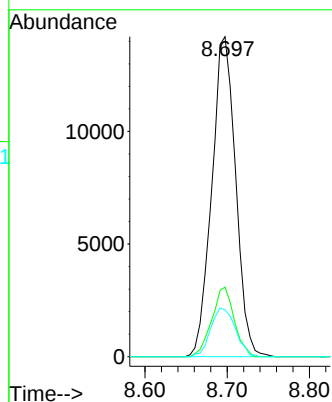
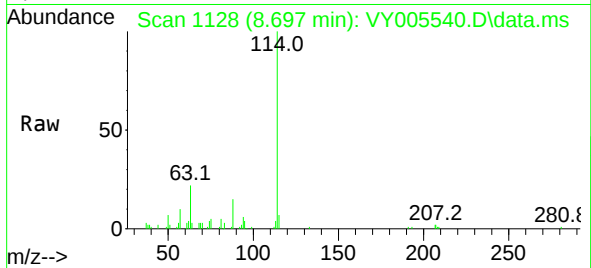




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

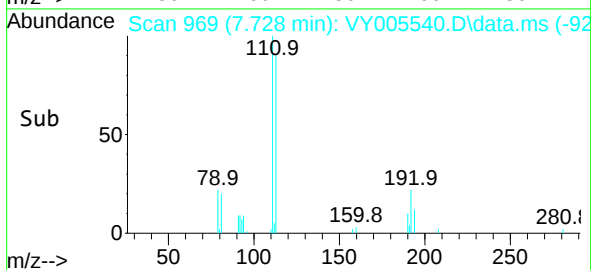
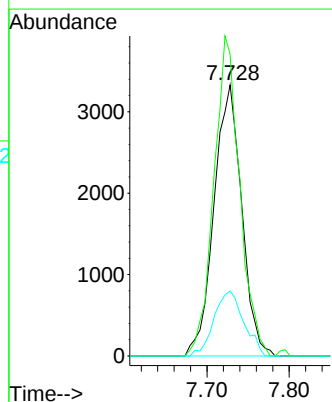
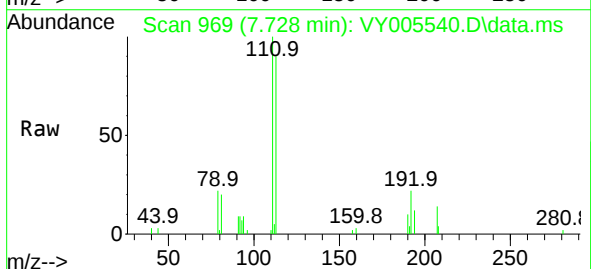
Instrument :
MSVOA_Y
ClientSampled :

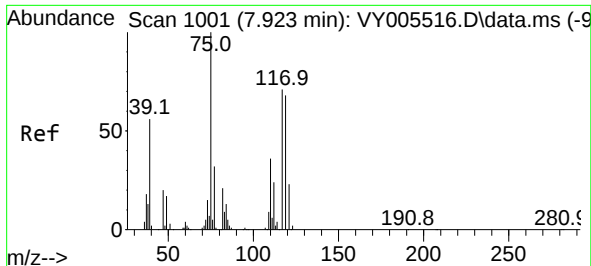
Tgt Ion:	114	Resp:	28663
Ion Ratio	Lower	Upper	
114	100		
63	21.8	0.0	39.2
88	14.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 48.630 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

Tgt Ion:	113	Resp:	7804
Ion Ratio	Lower	Upper	
113	100		
111	110.1	81.9	122.9
192	25.7	19.2	28.8





#36

1,1-Dichloropropene

Concen: 4.449 ug/l

RT: 7.795 min Scan# 980

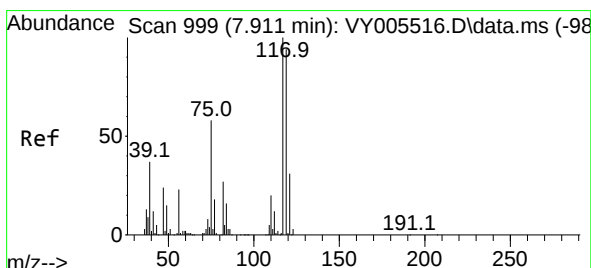
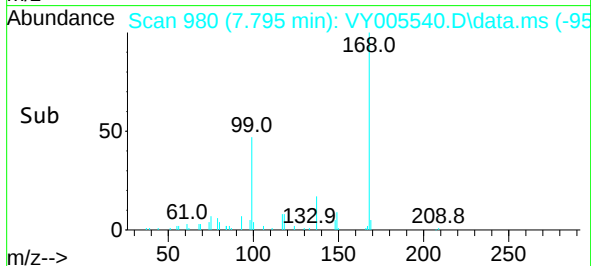
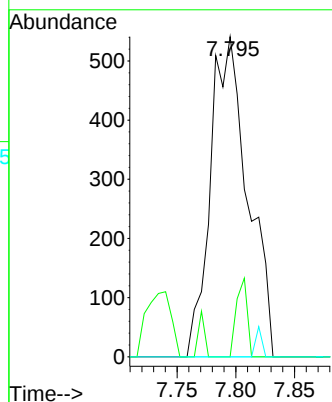
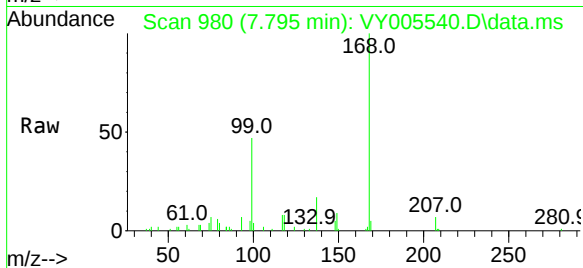
Delta R.T. -0.128 min

Lab File: VY005540.D

Acq: 04 Aug 2021 16:11

Tgt Ion: 75	Resp: 1196
Ion Ratio	Lower Upper
75 100	
110 0.0	18.1 54.1#
77 0.0	25.1 37.7#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.206 ug/l

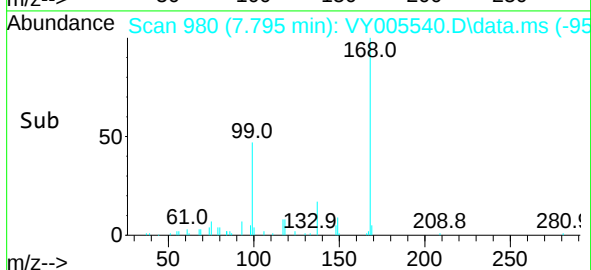
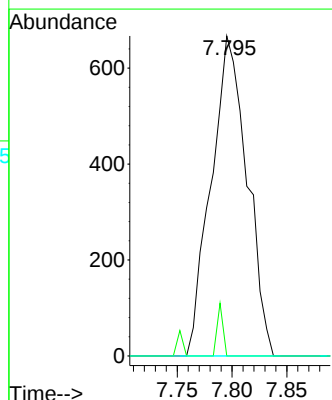
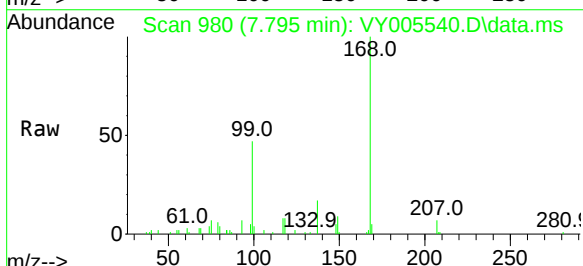
RT: 7.795 min Scan# 980

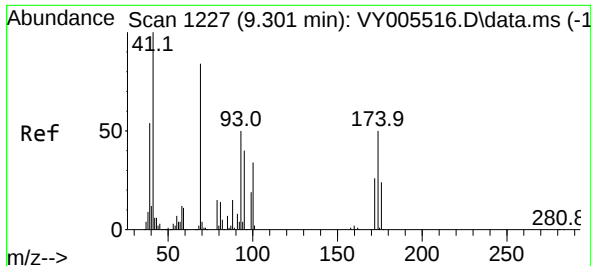
Delta R.T. -0.116 min

Lab File: VY005540.D

Acq: 04 Aug 2021 16:11

Tgt Ion: 117	Resp: 1521
Ion Ratio	Lower Upper
117 100	
119 0.0	75.4 113.0#
121 0.0	25.1 37.7#





#48

Methyl methacrylate

Concen: 1.887 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

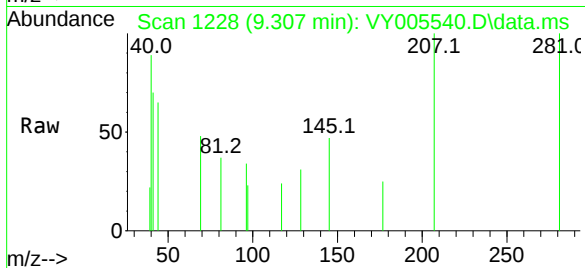
Lab File: VY005540.D

Acq: 04 Aug 2021 16:11

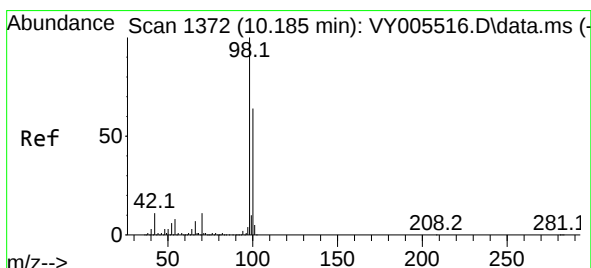
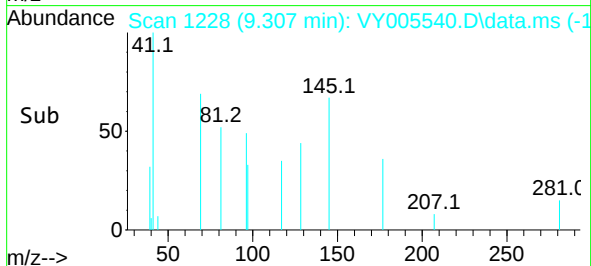
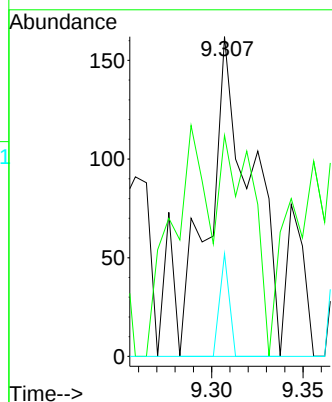
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	41	Resp:	263
Ion Ratio	Lower	Upper	
41	100		
69	52.1	69.0	103.4#
39	7.2	46.0	69.0#



#50

Toluene-d8

Concen: 55.660 ug/l

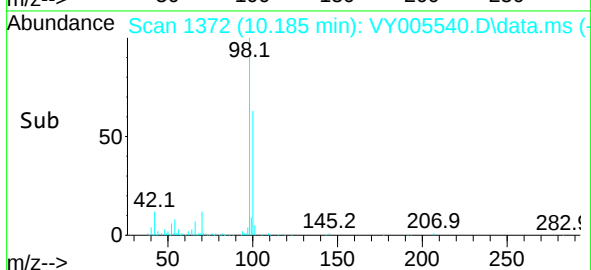
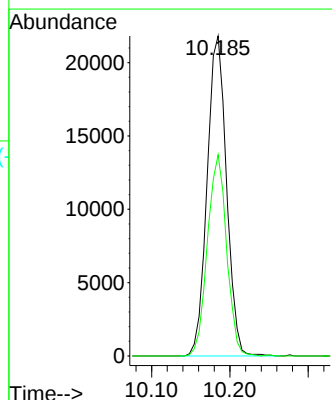
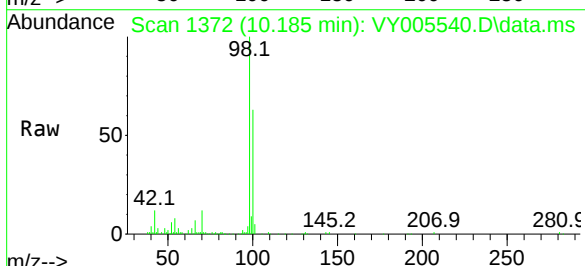
RT: 10.185 min Scan# 1372

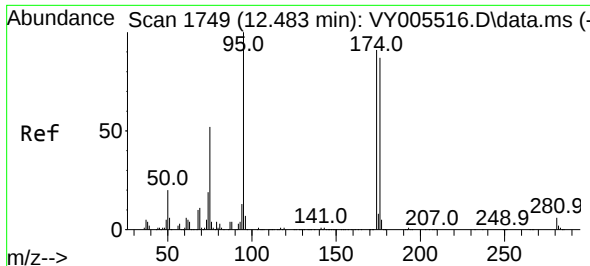
Delta R.T. -0.000 min

Lab File: VY005540.D

Acq: 04 Aug 2021 16:11

Tgt Ion:	98	Resp:	37461
Ion Ratio	Lower	Upper	
98	100		
100	62.1	51.3	76.9

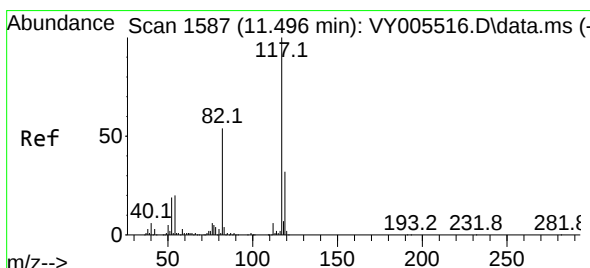
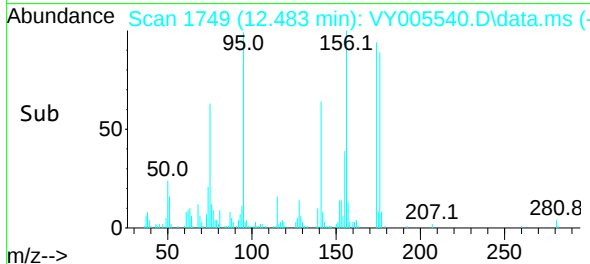
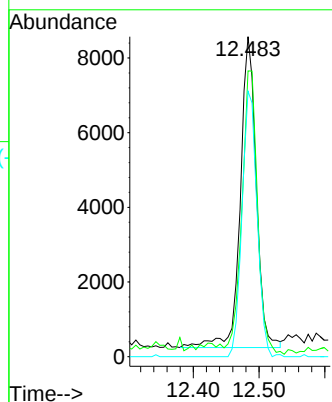
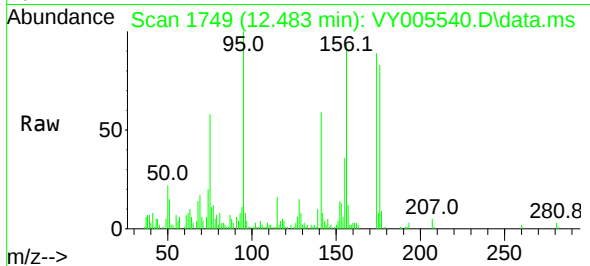




#62
4-Bromofluorobenzene
Concen: 63.247 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

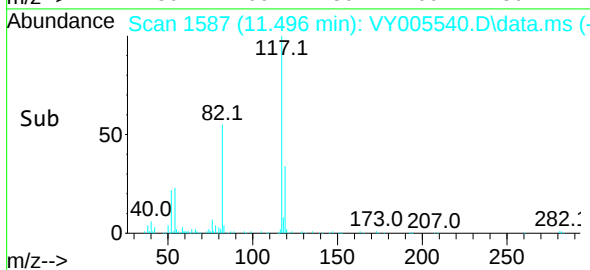
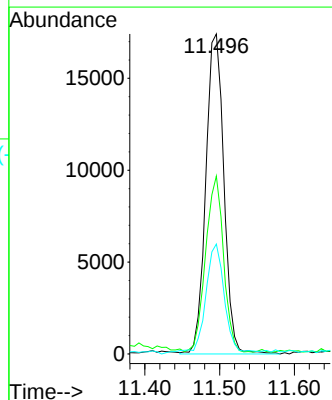
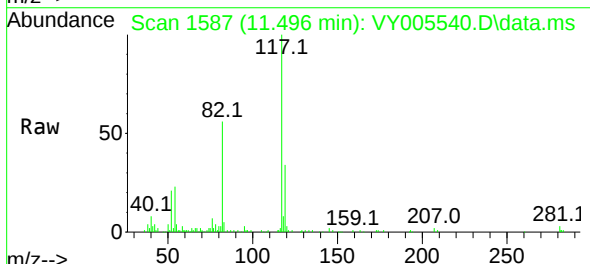
Instrument :
MSVOA_Y
ClientSampleId :

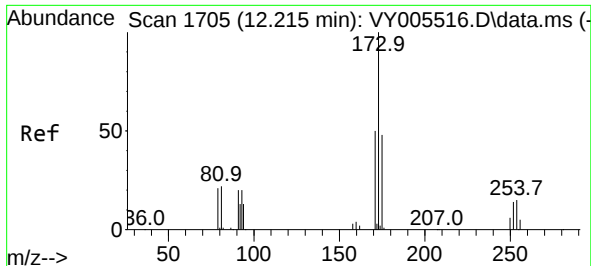
Tgt Ion:	95	Resp:	14096
Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	191.4
176	80.0	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

Tgt Ion:	117	Resp:	29287
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.5	65.3
119	33.7	25.5	38.3

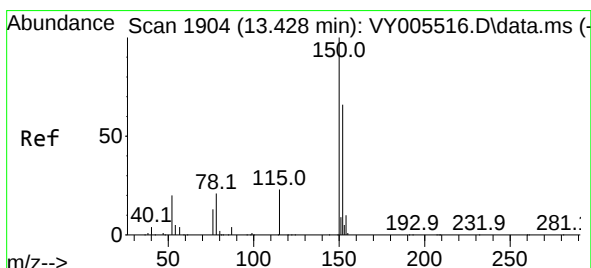
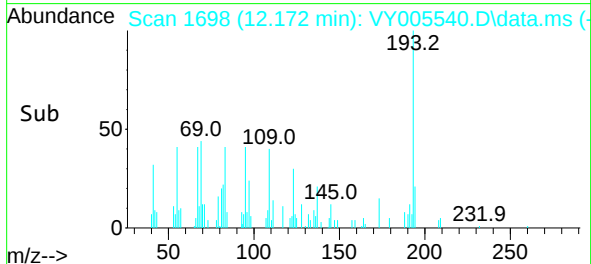
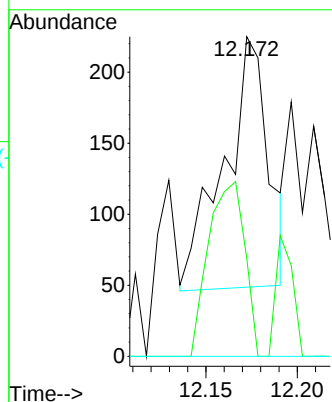
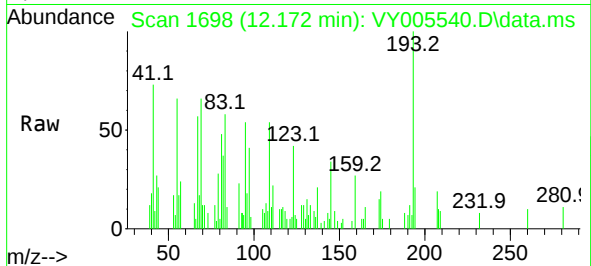




#71
Bromoform
Concen: 2.065 ug/l
RT: 12.172 min Scan# 1698
Delta R.T. -0.043 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

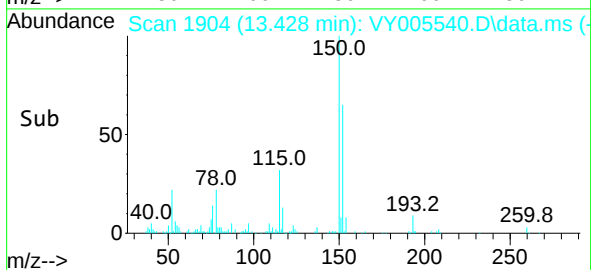
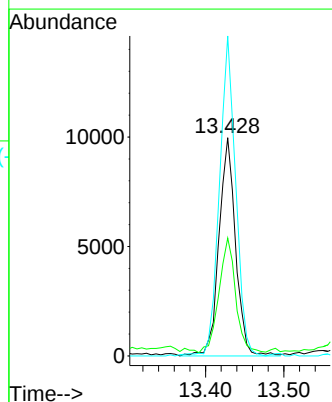
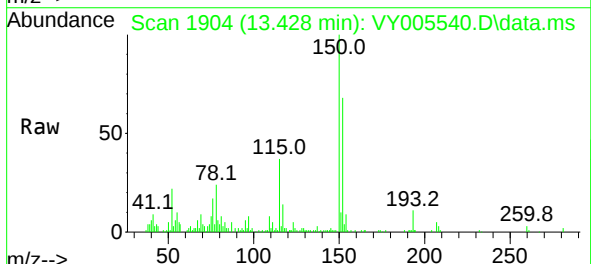
Instrument :
MSVOA_Y
ClientSampleId :

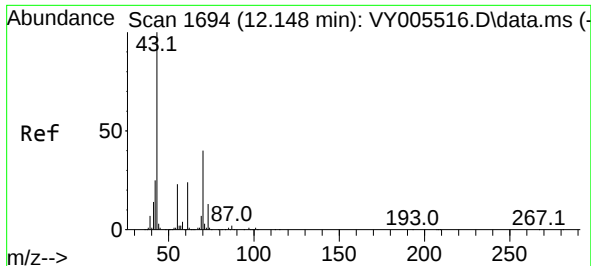
Tgt Ion:173 Resp: 297
Ion Ratio Lower Upper
173 100
175 56.9 24.3 72.9
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

Tgt Ion:152 Resp: 14747
Ion Ratio Lower Upper
152 100
115 52.7 27.3 81.9
150 143.2 0.0 350.2

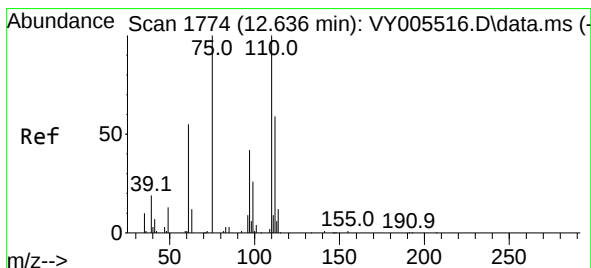
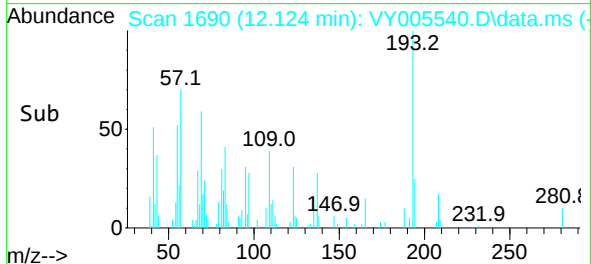
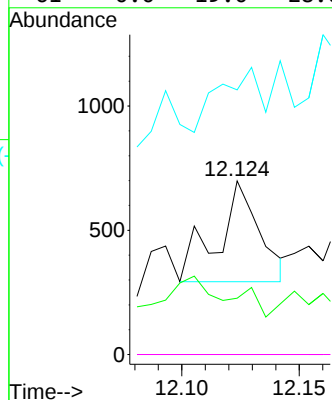
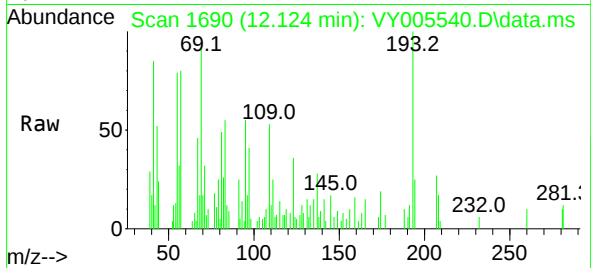




#74
N-amy1 acetate
Concen: 1.626 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

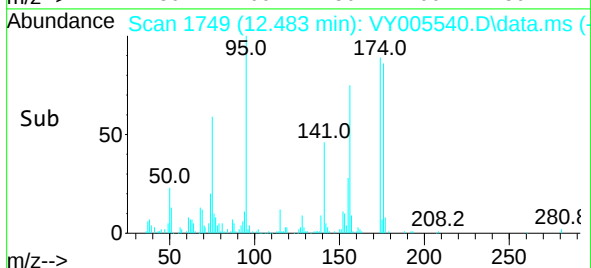
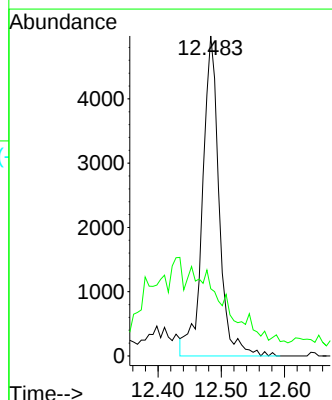
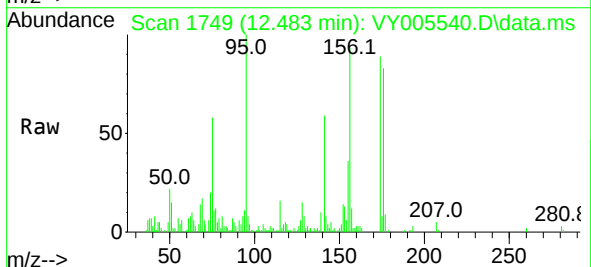
Instrument :
MSVOA_Y
ClientSampleId :

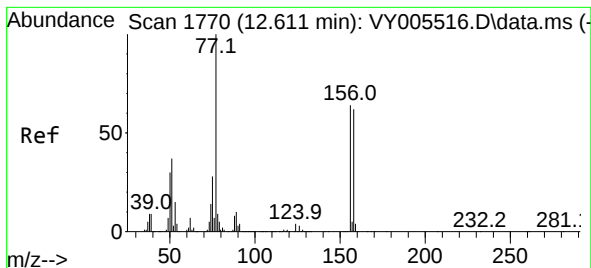
Tgt Ion: 43	Resp: 504
Ion Ratio	Lower Upper
43 100	
70 0.0	32.9 49.3#
55 68.7	18.9 28.3#
61 0.0	19.0 28.6#



#76
1,2,3-Trichloropropane
Concen: 59.599 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

Tgt Ion: 75	Resp: 9108
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77

Bromobenzene

Concen: 341.862 ug/l

RT: 12.428 min Scan# 1740

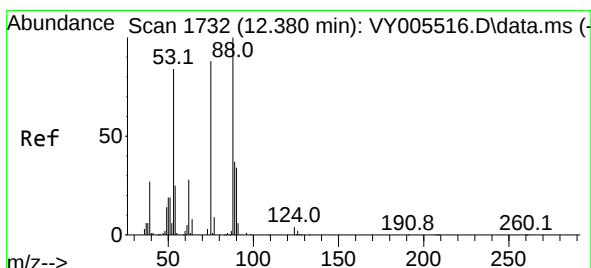
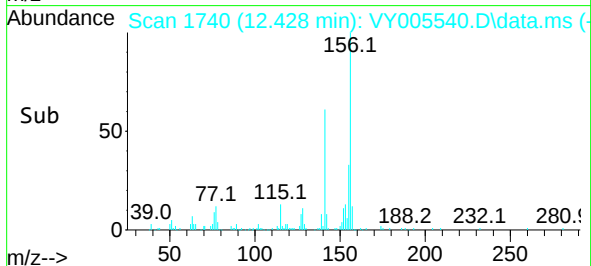
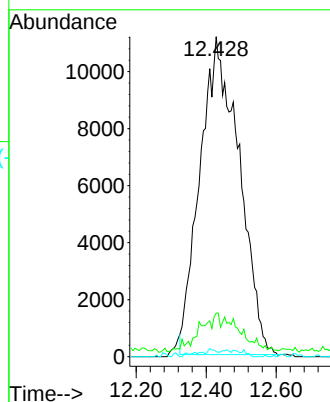
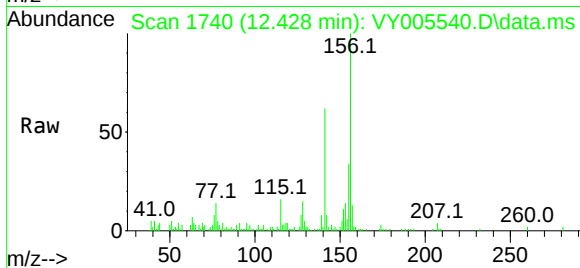
Delta R.T. -0.183 min

Lab File: VY005540.D

Acq: 04 Aug 2021 16:11

Tgt Ion:	156	Resp:	86458
Ion Ratio	Lower	Upper	
156	100		
77	0.7	85.5	256.5#
158	0.0	48.5	145.6#

Instrument :
MSVOA_Y
ClientSampleId :



#81

trans-1,4-Dichloro-2-butene

Concen: 13.982 ug/l

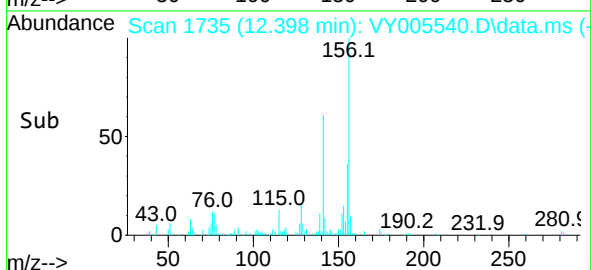
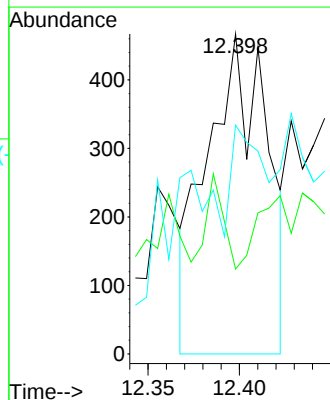
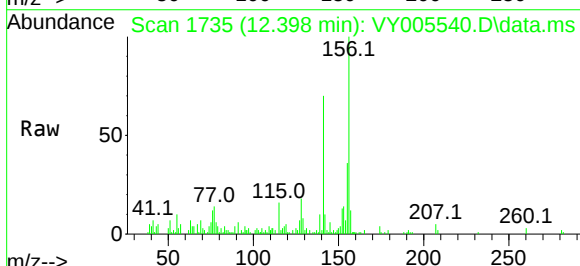
RT: 12.398 min Scan# 1735

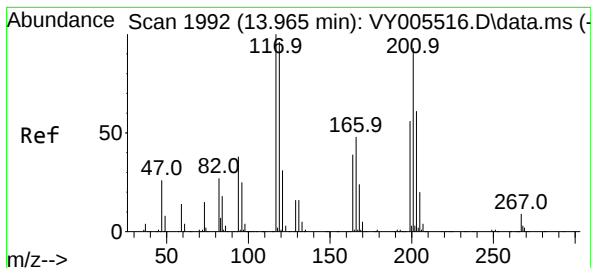
Delta R.T. 0.018 min

Lab File: VY005540.D

Acq: 04 Aug 2021 16:11

Tgt Ion:	75	Resp:	1060
Ion Ratio	Lower	Upper	
75	100		
53	8.4	76.7	115.1#
89	17.5	38.4	57.6#

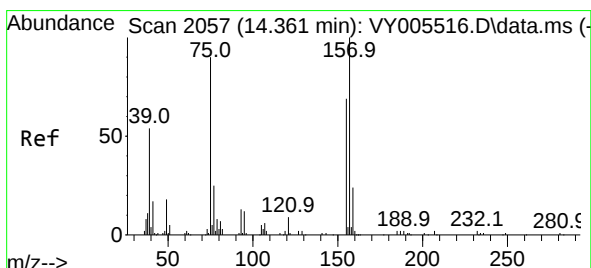
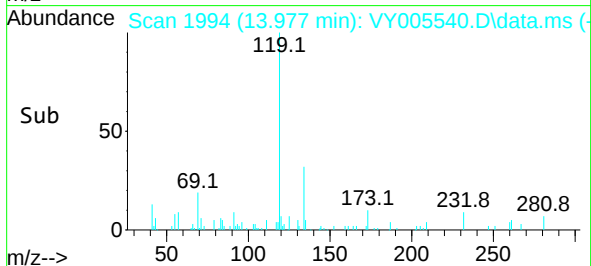
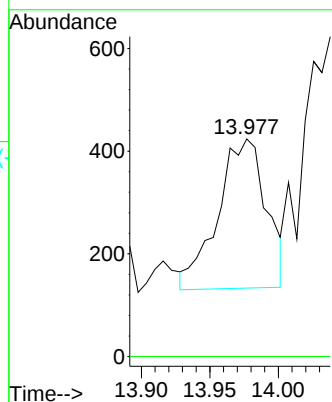
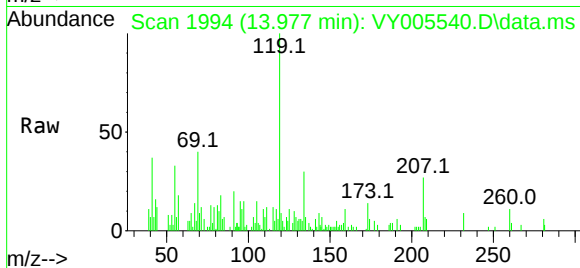




#90
Hexachloroethane
Concen: 4.178 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

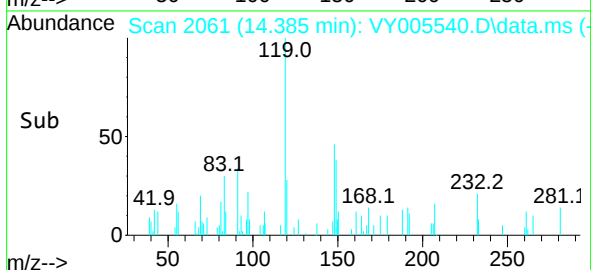
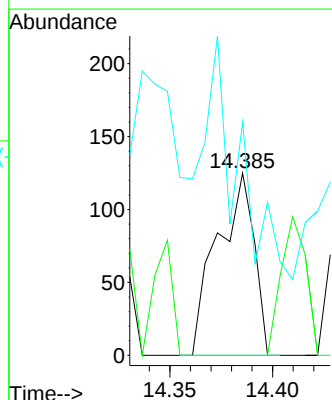
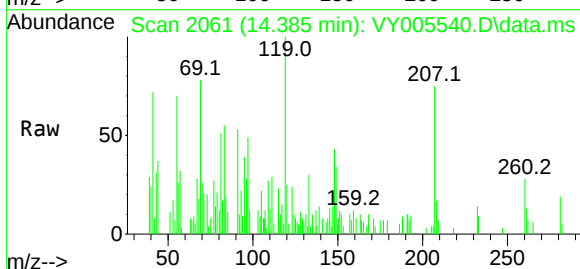
Instrument :
MSVOA_Y
ClientSampleId :

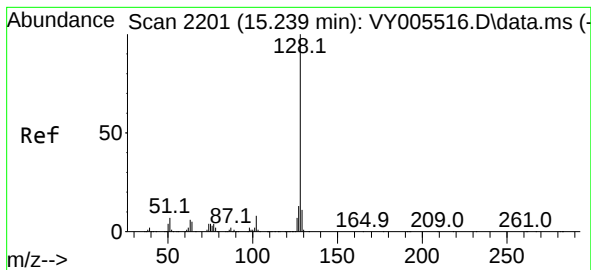
Tgt Ion:117 Resp: 713
Ion Ratio Lower Upper
117 100
201 0.0 46.7 140.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.156 ug/l
RT: 14.385 min Scan# 2061
Delta R.T. 0.024 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

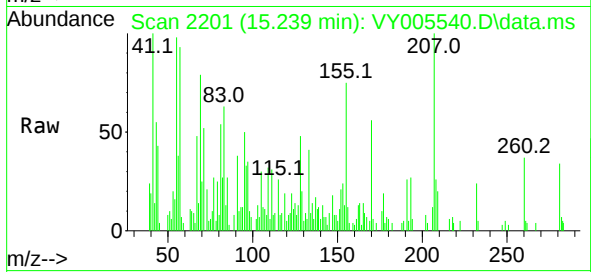
Tgt Ion: 75 Resp: 156
Ion Ratio Lower Upper
75 100
155 0.0 42.4 127.1#
157 113.5 56.0 168.2





#95
Naphthalene
Concen: 2.086 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005540.D
Acq: 04 Aug 2021 16:11

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 1231
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 17.6 8.7 13.1#

