

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004341.D
 Acq On : 08 Apr 2021 17:29
 Operator : SY/MD
 Sample : M1979-06
 Misc : 4.,83G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 09 03:18:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

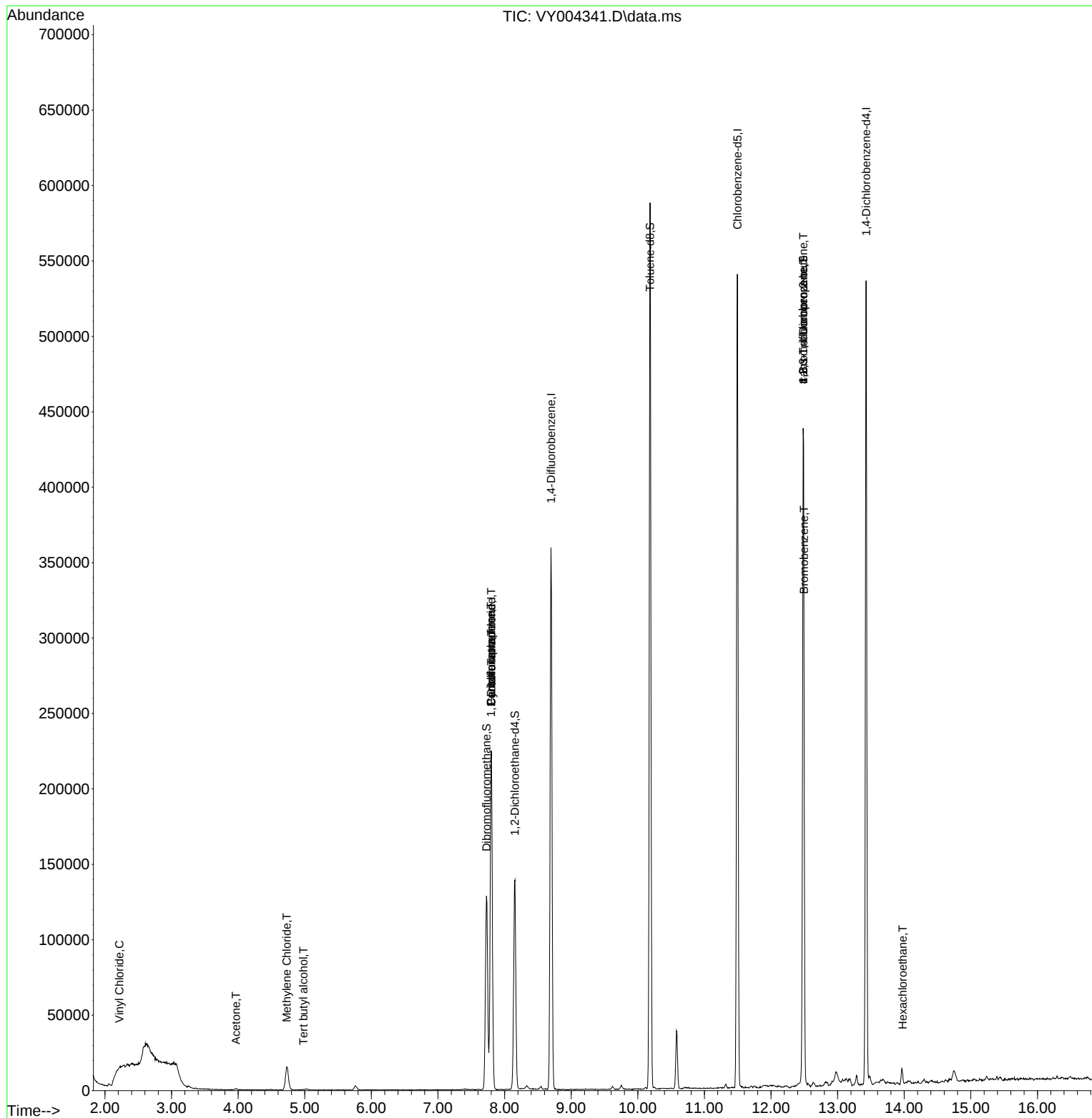
Internal Standards						
1) Pentafluorobenzene	7.801	168	173157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	296294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	278205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	106345	63.89	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.78%	
35) Dibromofluoromethane	7.728	113	90272	54.68	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.36%	
50) Toluene-d8	10.185	98	364439	58.69	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.38%	
62) 4-Bromofluorobenzene	12.483	95	122365	57.50	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.00%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.217	62	8701	3.86	ug/l #	42
11) Tert butyl alcohol	4.978	59	458	3.38	ug/l #	71
16) Acetone	3.966	43	1377	3.97	ug/l #	88
20) Methylene Chloride	4.728	84	11467	4.45	ug/l	94
31) Cyclohexane	7.801	56	4101	1.39	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13648	5.05	ug/l #	50
38) Carbon Tetrachloride	7.801	117	17190	7.31	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	68518	60.27	ug/l #	100
77) Bromobenzene	12.495	156	2789	1.30	ug/l #	3
81) trans-1,4-Dichloro-2-b...	12.483	75	68518	111.07	ug/l #	10
90) Hexachloroethane	13.977	117	97	7.40	ug/l #	12

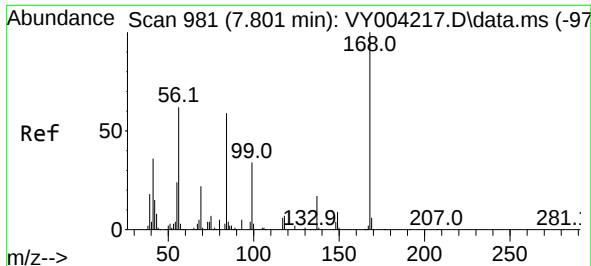
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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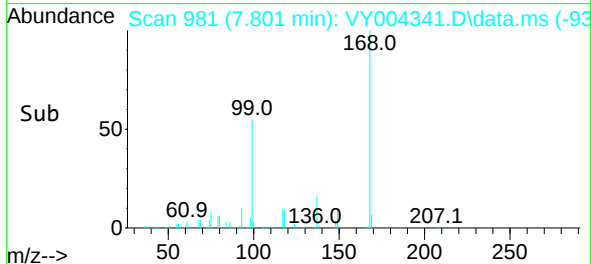
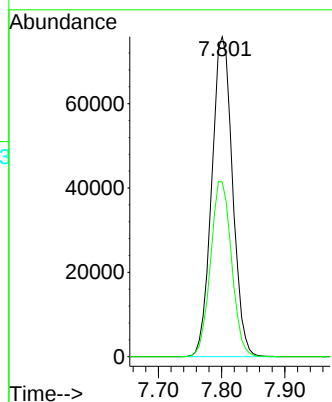
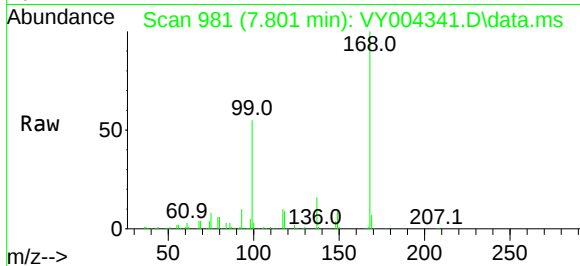




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29

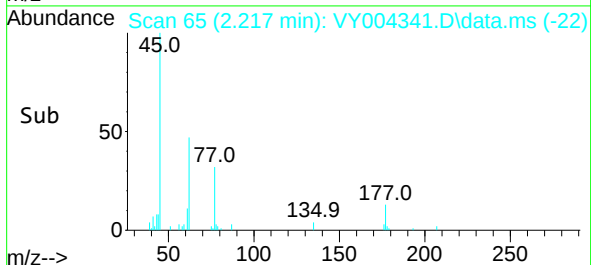
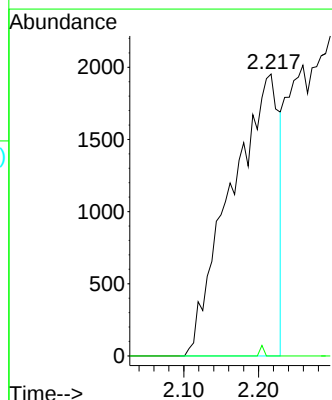
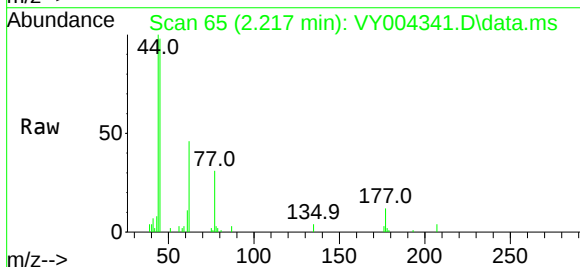
Instrument :
MSVOA_Y
ClientSampleId :

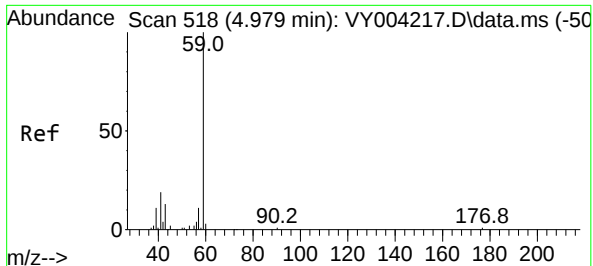
Tgt Ion:168 Resp: 173157
Ion Ratio Lower Upper
168 100
99 54.6 42.6 64.0



#4
Vinyl Chloride
Concen: 3.86 ug/l
RT: 2.217 min Scan# 65
Delta R.T. -0.037 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29

Tgt Ion: 62 Resp: 8701
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



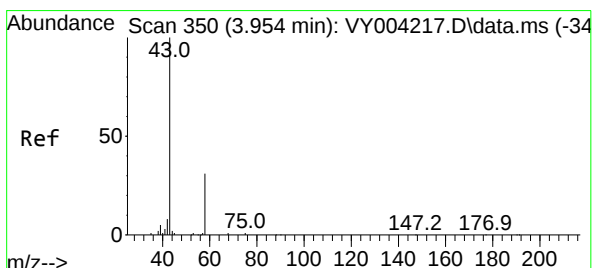
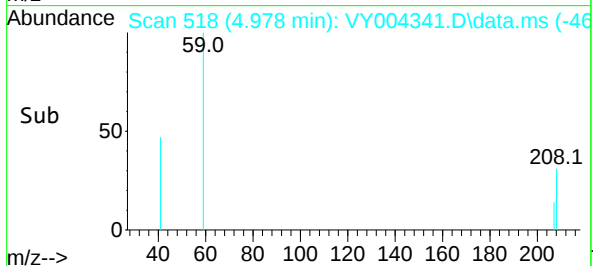
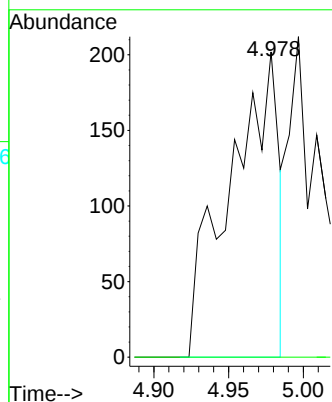
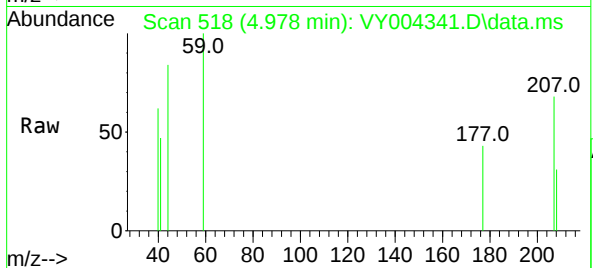


#11

Tert butyl alcohol
Concen: 3.38 ug/l
RT: 4.978 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29

Instrument :
MSVOA_Y
ClientSampled :

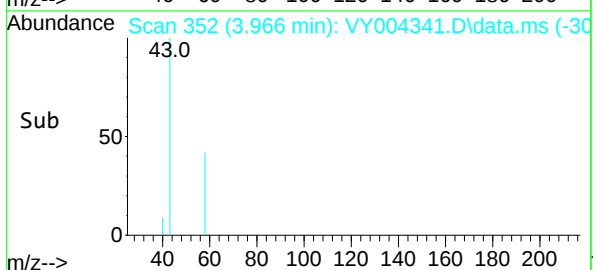
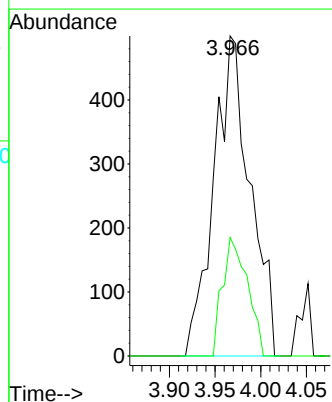
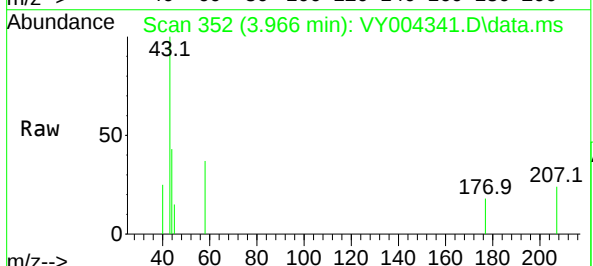
Tgt Ion: 59 Resp: 458
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

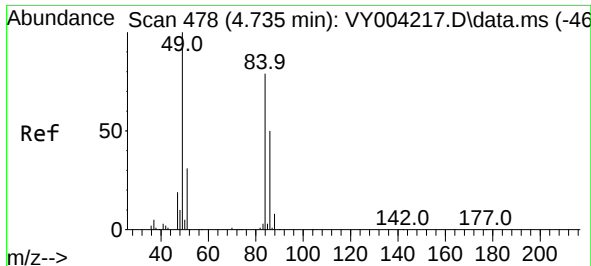


#16

Acetone
Concen: 3.97 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29

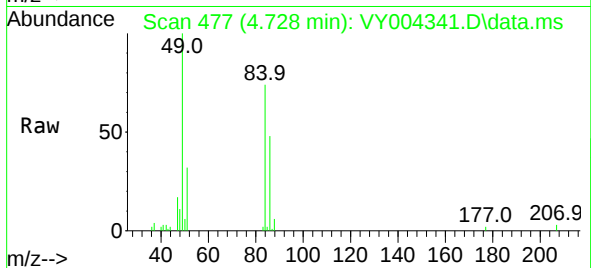
Tgt Ion: 43 Resp: 1377
Ion Ratio Lower Upper
43 100
58 37.0 24.5 36.7#



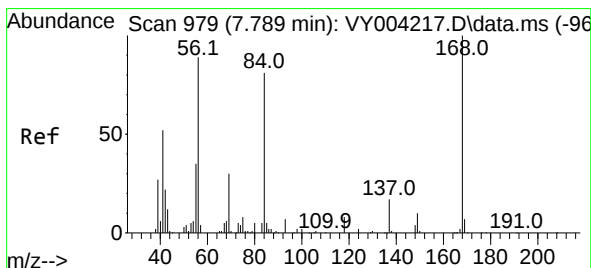
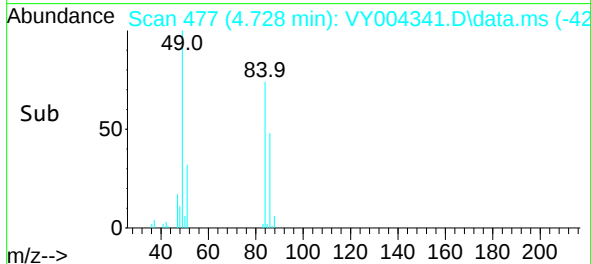
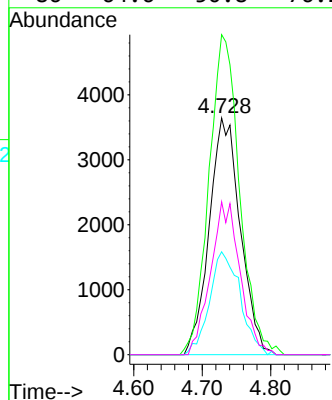


#20
Methylene Chloride
Concen: 4.45 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.007 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29

Instrument :
MSVOA_Y
ClientSampleId :

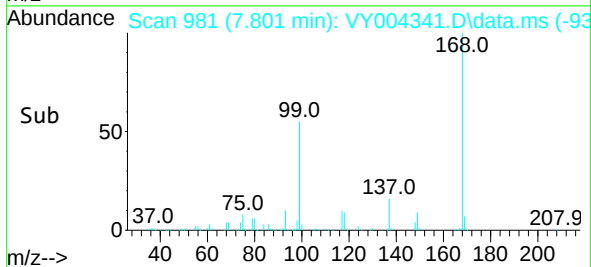
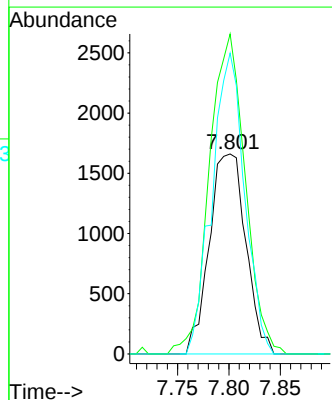
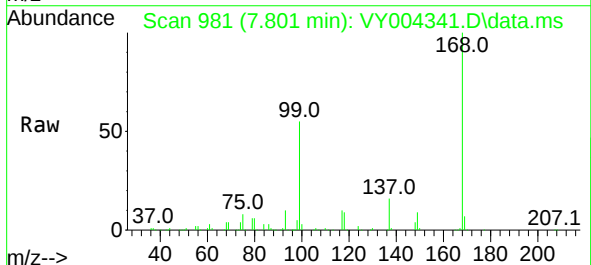


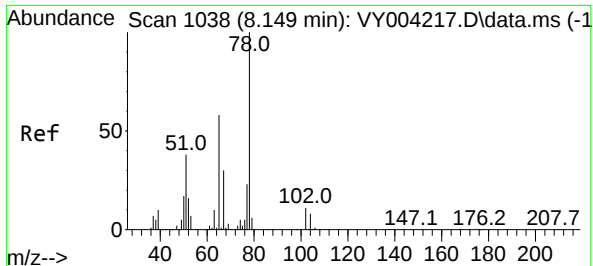
Tgt Ion:	84	Resp:	11467
Ion	Ratio	Lower	Upper
84	100		
49	135.2	101.5	152.3
51	43.5	31.5	47.3
86	64.6	50.8	76.2



#31
Cyclohexane
Concen: 1.39 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29

Tgt Ion:	56	Resp:	4101
Ion	Ratio	Lower	Upper
56	100		
69	156.9	26.6	40.0#
84	150.3	72.3	108.5#

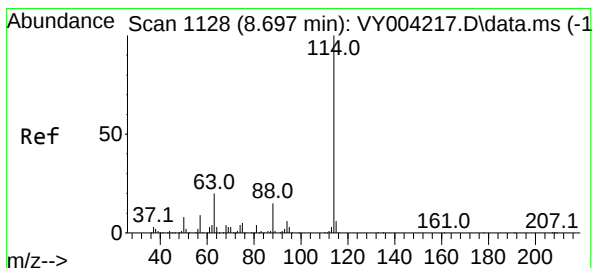
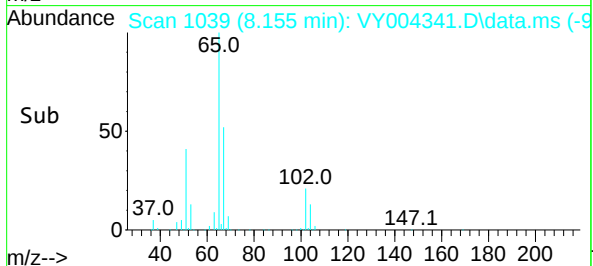
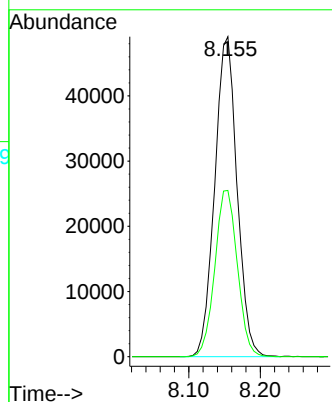
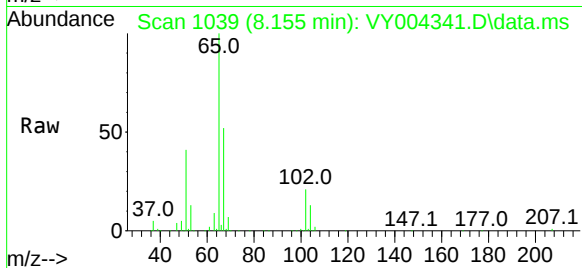




#33
1,2-Dichloroethane-d4
Concen: 63.89 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29

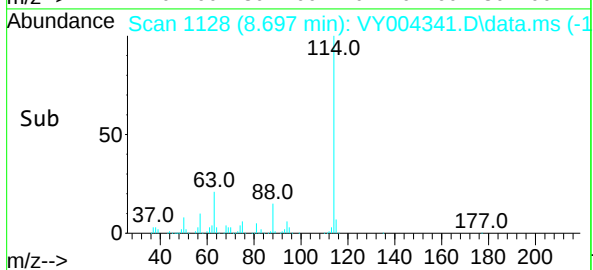
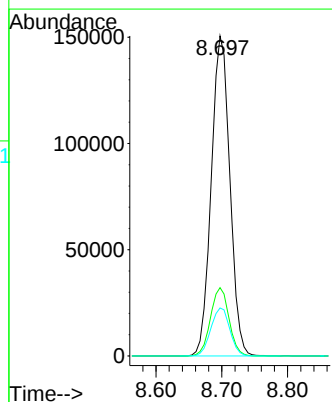
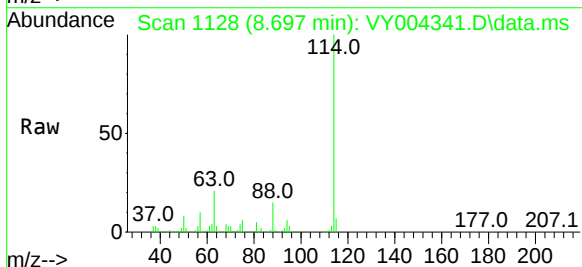
Instrument :
MSVOA_Y
ClientSampled :

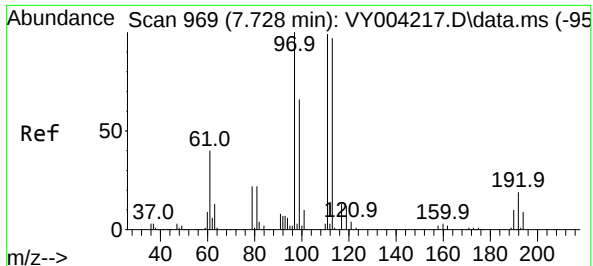
Tgt Ion: 65 Resp: 106345
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29

Tgt Ion: 114 Resp: 296294
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.4
88 15.0 0.0 30.8

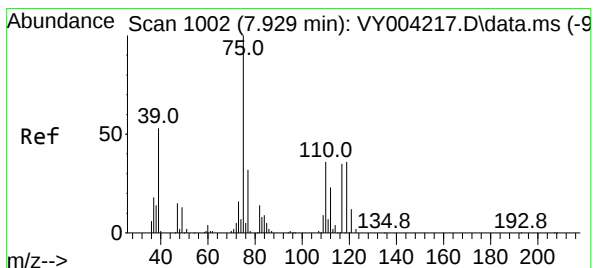
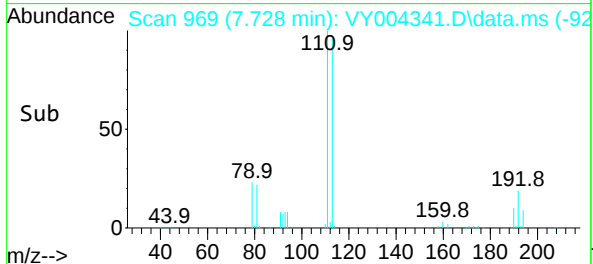
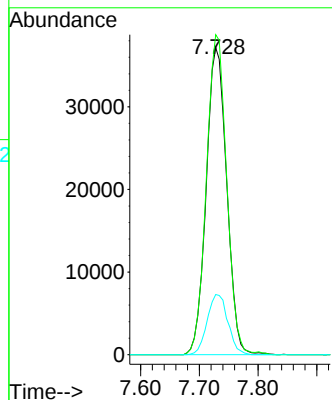
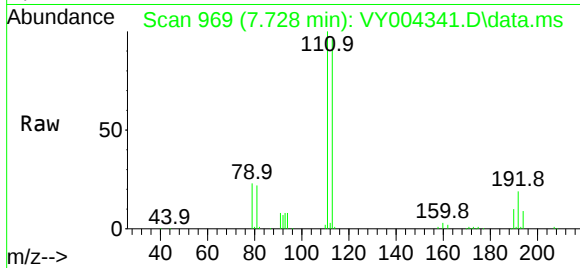




#35
Dibromofluoromethane
Concen: 54.68 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29

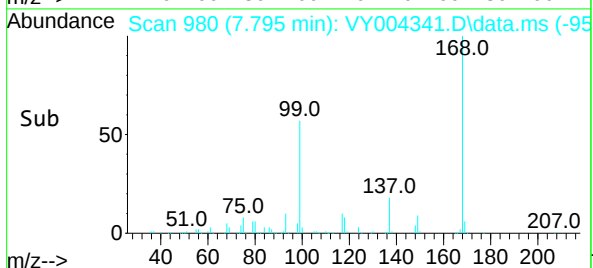
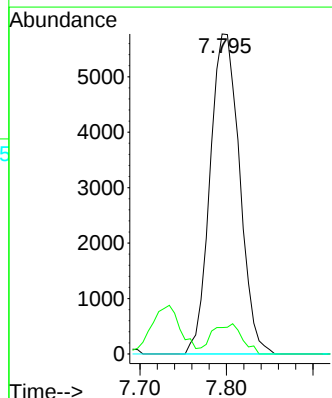
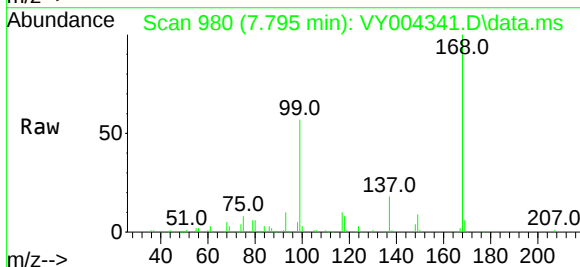
Instrument :
MSVOA_Y
ClientSampleId :

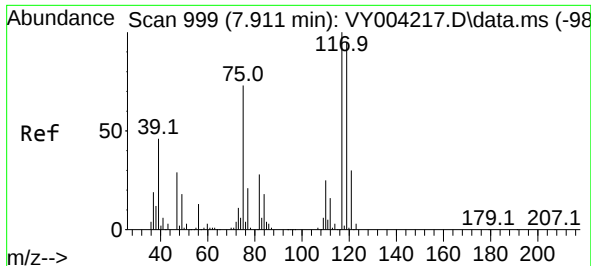
Tgt Ion:	113	Resp:	90272
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	19.7	16.4	24.6



#36
1,1-Dichloropropene
Concen: 5.05 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29

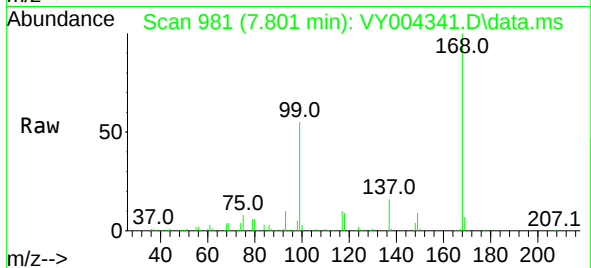
Tgt Ion:	75	Resp:	13648
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.3#
77	0.0	25.1	37.7#



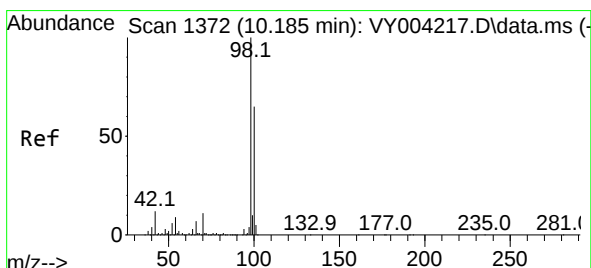
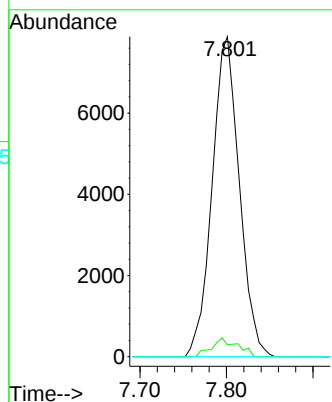
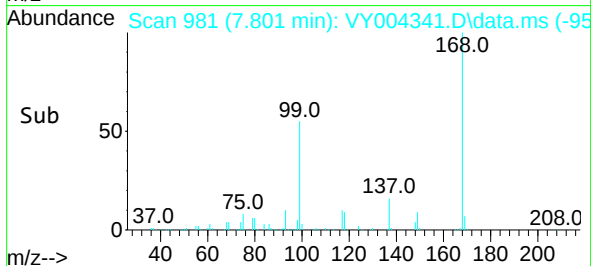


#38
Carbon Tetrachloride
Concen: 7.31 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29

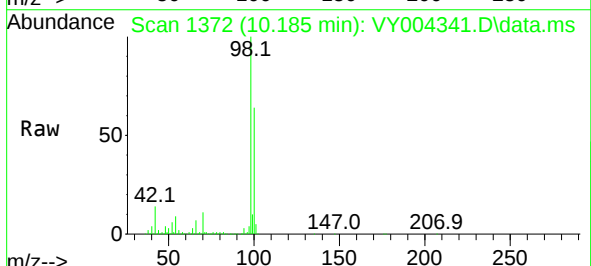
Instrument :
MSVOA_Y
ClientSampleId :



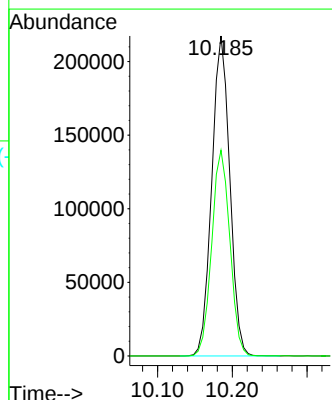
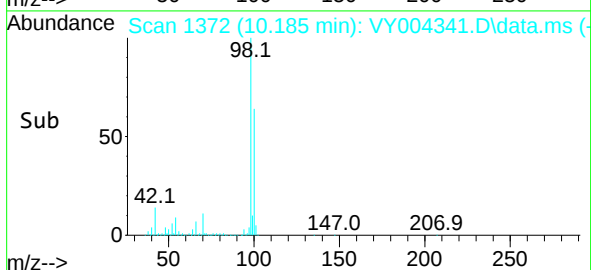
Tgt Ion:117 Resp: 17190
Ion Ratio Lower Upper
117 100
119 3.7 75.6 113.4#
121 0.0 24.3 36.5#

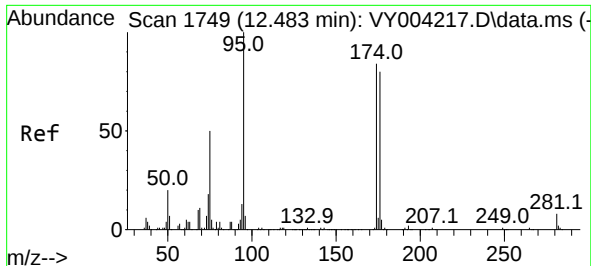


#50
Toluene-d8
Concen: 58.69 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29



Tgt Ion: 98 Resp: 364439
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7

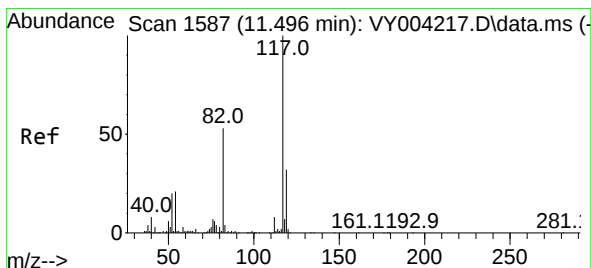
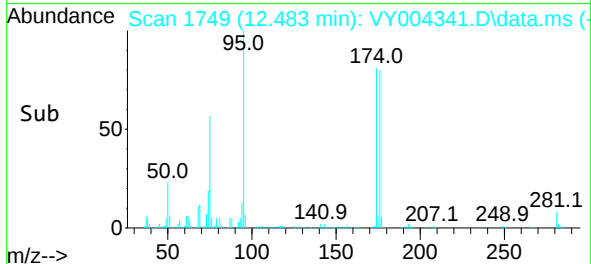
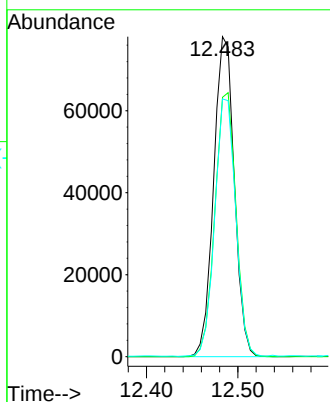
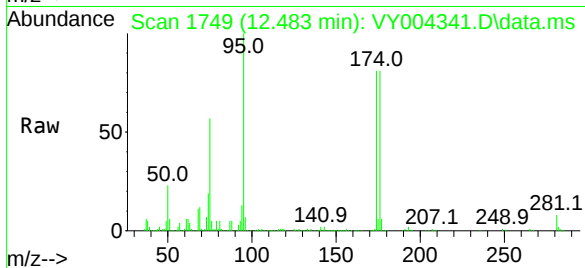




#62
4-Bromofluorobenzene
Concen: 57.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29

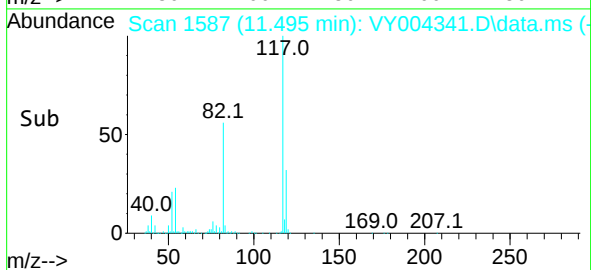
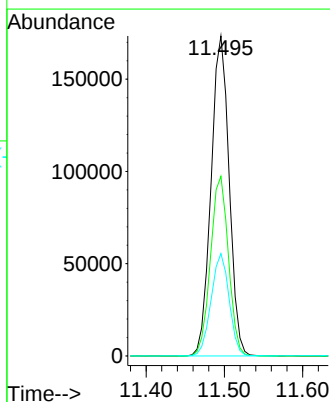
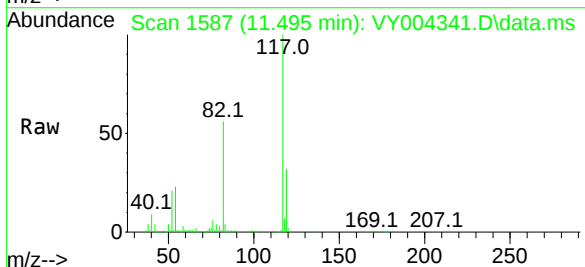
Instrument :
MSVOA_Y
ClientSampleId :

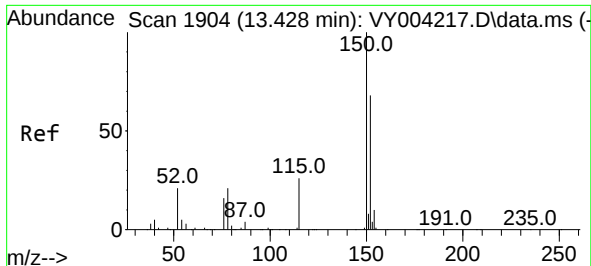
Tgt Ion: 95 Resp: 122365
Ion Ratio Lower Upper
95 100
174 84.2 0.0 171.4
176 81.5 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29

Tgt Ion: 117 Resp: 278205
Ion Ratio Lower Upper
117 100
82 56.1 42.7 64.1
119 32.0 25.7 38.5

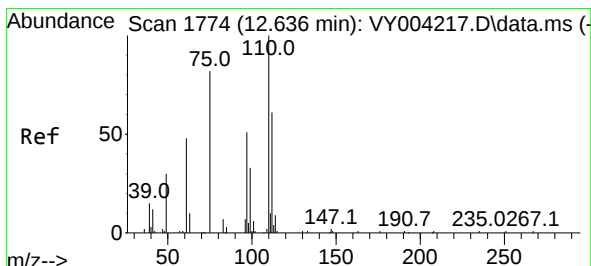
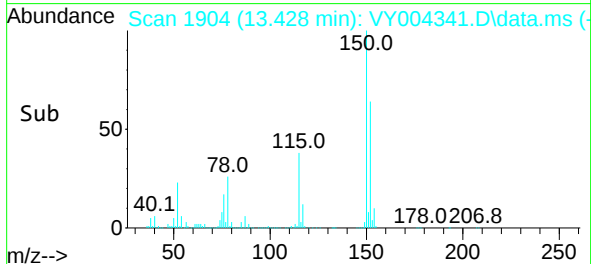
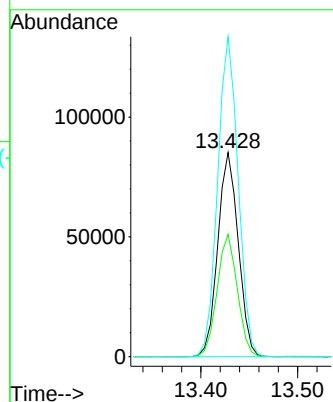
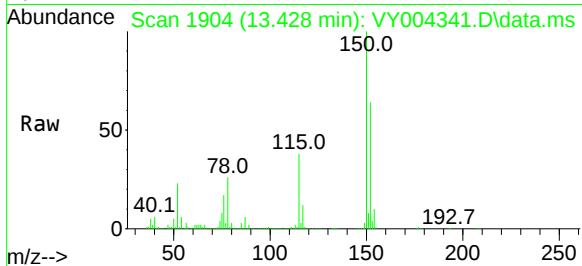




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004341.D
 Acq: 08 Apr 2021 17:29

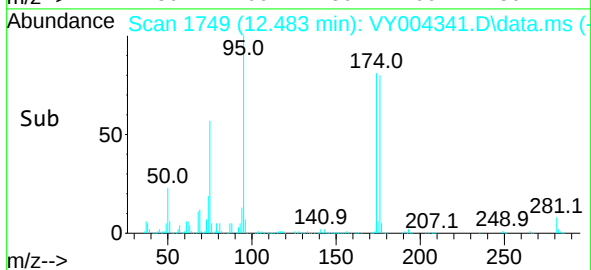
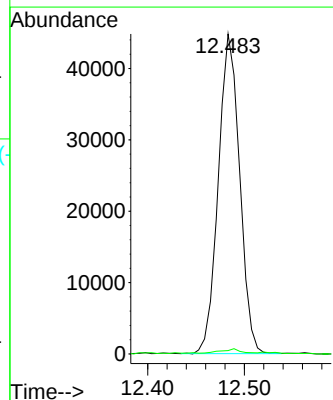
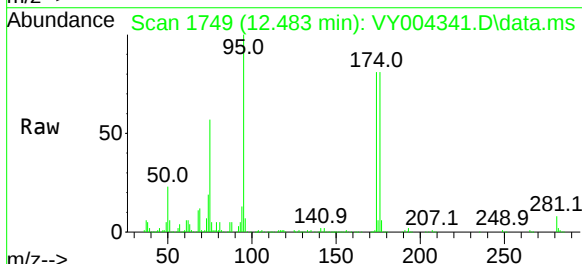
Instrument :
 MSVOA_Y
 ClientSampleId :

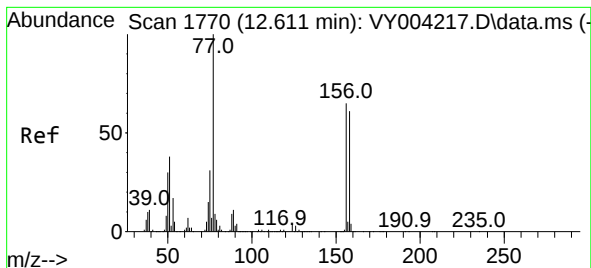
Tgt Ion:152 Resp: 125201
 Ion Ratio Lower Upper
 152 100
 115 59.1 29.0 87.1
 150 156.8 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 60.27 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004341.D
 Acq: 08 Apr 2021 17:29

Tgt Ion: 75 Resp: 68518
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#

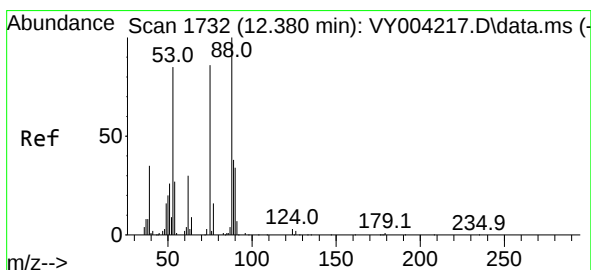
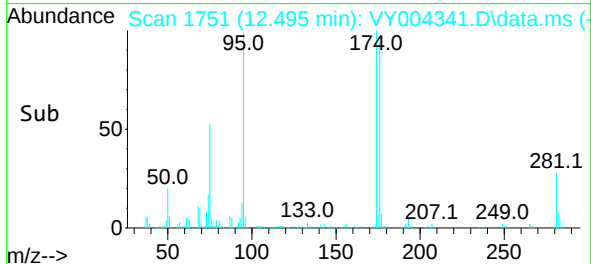
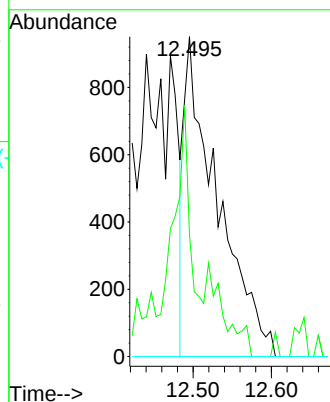
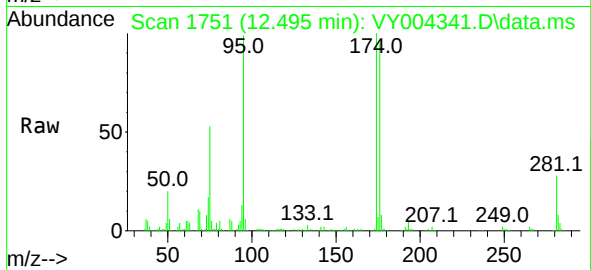




#77
Bromobenzene
Concen: 1.30 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.116 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29

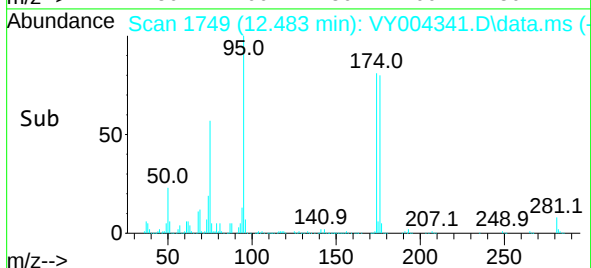
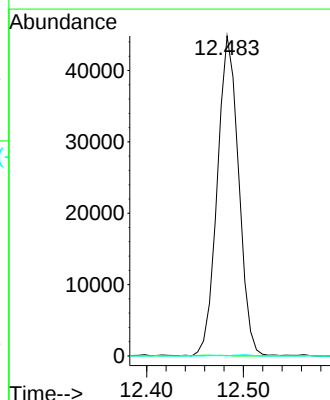
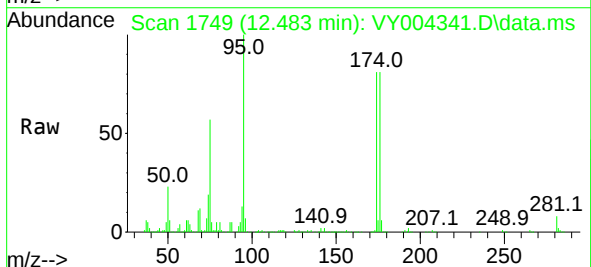
Instrument :
MSVOA_Y
ClientSampled :

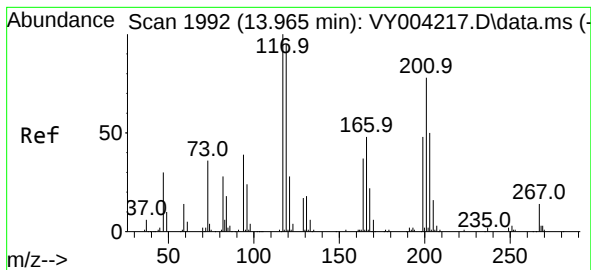
Tgt Ion:156 Resp: 2789
Ion Ratio Lower Upper
156 100
77 42.8 88.6 265.9#
158 0.0 48.3 144.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.07 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29

Tgt Ion: 75 Resp: 68518
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.1 39.4 59.2#





#90
Hexachloroethane
Concen: 7.40 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY004341.D
Acq: 08 Apr 2021 17:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 97
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

