

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004338.D
 Acq On : 08 Apr 2021 16:19
 Operator : SY/MD
 Sample : M1947-02
 Misc : 6.87G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 09 03:17:35 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)

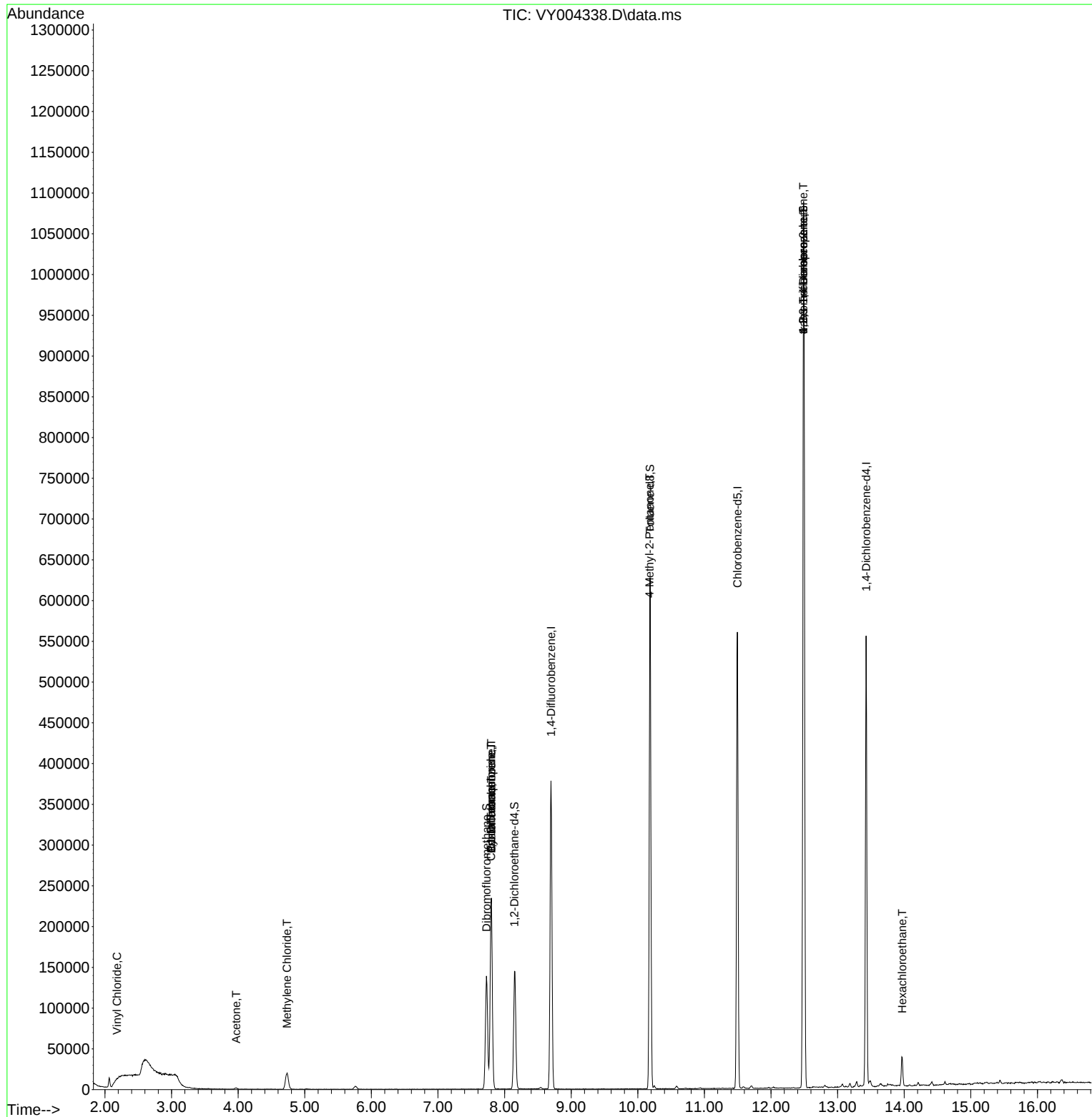
Internal Standards						
1) Pentafluorobenzene	7.801	168	180038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	314333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	291718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114401	66.10	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.20%			
35) Dibromofluoromethane	7.728	113	95550	54.56	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.12%			
50) Toluene-d8	10.185	98	388203	58.93	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.86%			
62) 4-Bromofluorobenzene	12.483	95	131333	58.17	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.34%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.180	62	5164	2.20	ug/l #	42
16) Acetone	3.973	43	2727	7.56	ug/l	92
20) Methylene Chloride	4.735	84	14855	6.20	ug/l	93
31) Cyclohexane	7.801	56	4192	1.37	ug/l #	16
36) 1,1-Dichloropropene	7.801	75	14129	4.92	ug/l #	49
38) Carbon Tetrachloride	7.795	117	18470	7.40	ug/l #	16
49) 1,4-Dioxane	9.301	88	21	Below Cal	#	50
51) 4-Methyl-2-Pentanone	10.179	43	1989	1.22	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	79311	67.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79311	124.51	ug/l #	11
90) Hexachloroethane	13.971	117	161	7.47	ug/l #	12

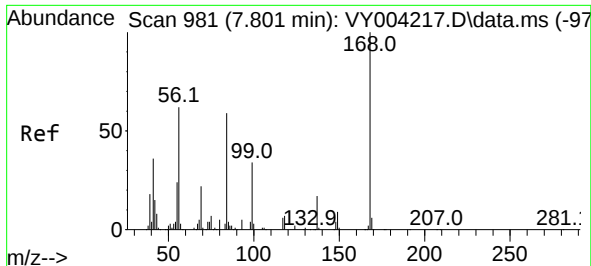
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

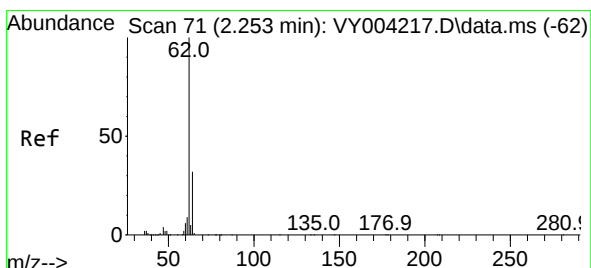
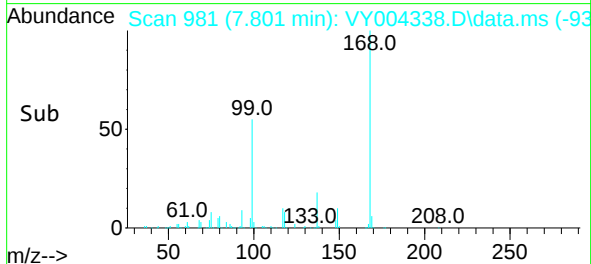
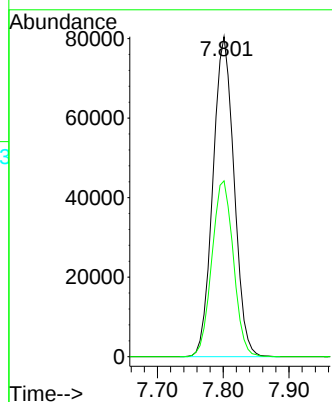
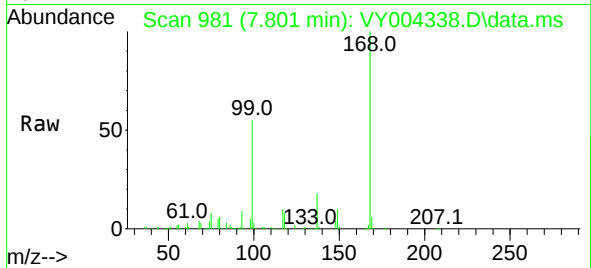




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004338.D
Acq: 08 Apr 2021 16:19

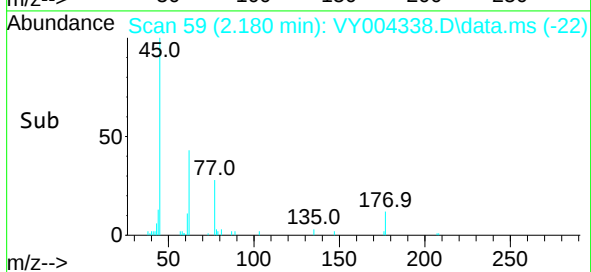
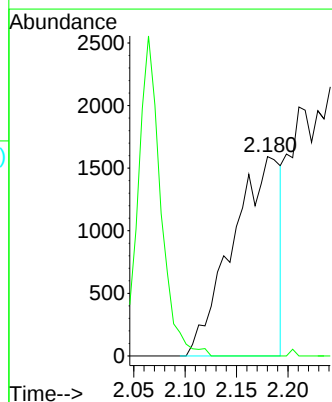
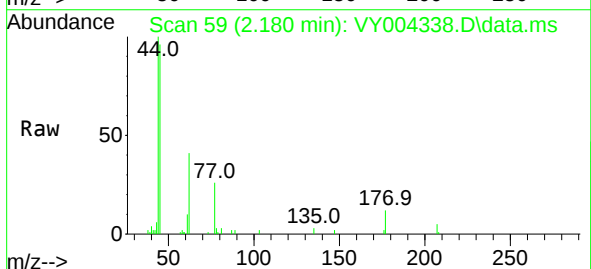
Instrument :
MSVOA_Y
ClientSampled :

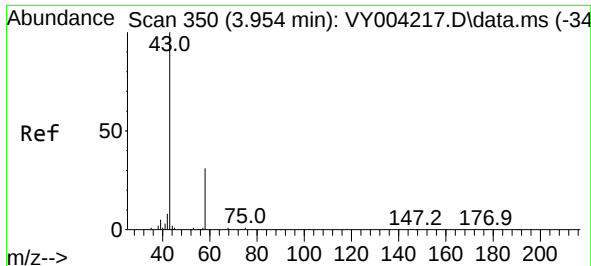
Tgt Ion:168 Resp: 180038
Ion Ratio Lower Upper
168 100
99 55.0 42.6 64.0



#4
Vinyl Chloride
Concen: 2.20 ug/l
RT: 2.180 min Scan# 59
Delta R.T. -0.073 min
Lab File: VY004338.D
Acq: 08 Apr 2021 16:19

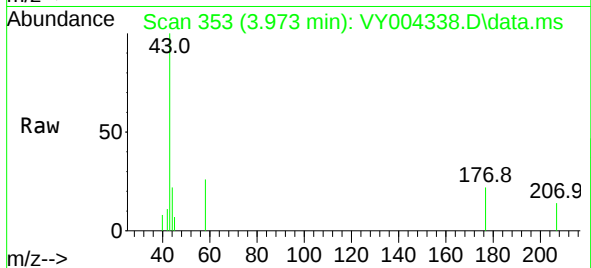
Tgt Ion: 62 Resp: 5164
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



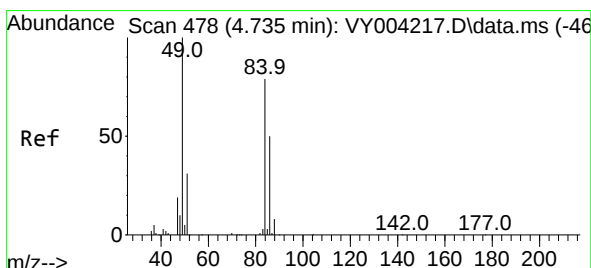
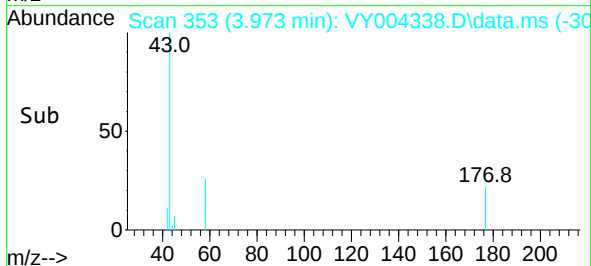
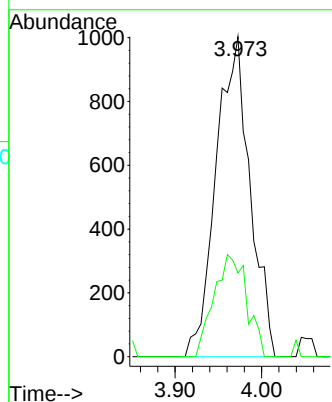


#16
Acetone
Concen: 7.56 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY004338.D
Acq: 08 Apr 2021 16:19

Instrument :
MSVOA_Y
ClientSampled :

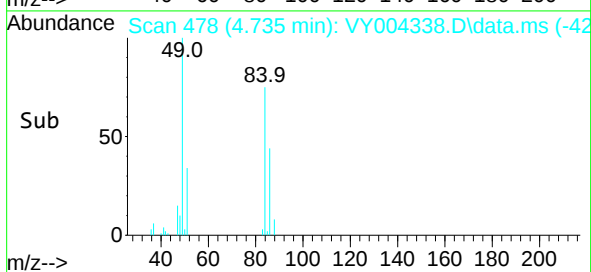
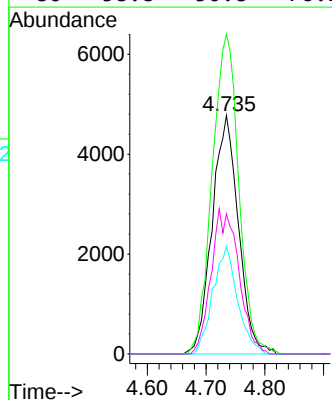
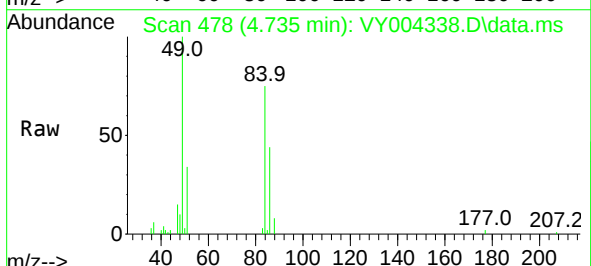


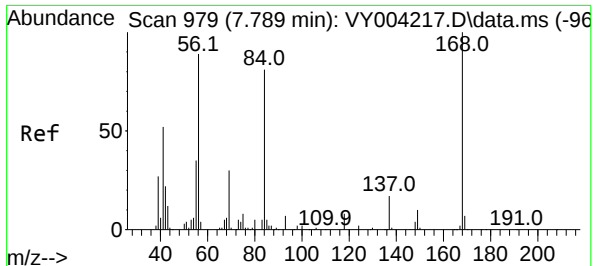
Tgt Ion: 43 Resp: 2727
Ion Ratio Lower Upper
43 100
58 26.2 24.5 36.7



#20
Methylene Chloride
Concen: 6.20 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004338.D
Acq: 08 Apr 2021 16:19

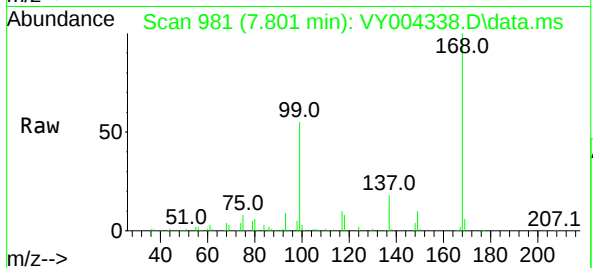
Tgt Ion: 84 Resp: 14855
Ion Ratio Lower Upper
84 100
49 134.2 101.5 152.3
51 45.0 31.5 47.3
86 58.8 50.8 76.2



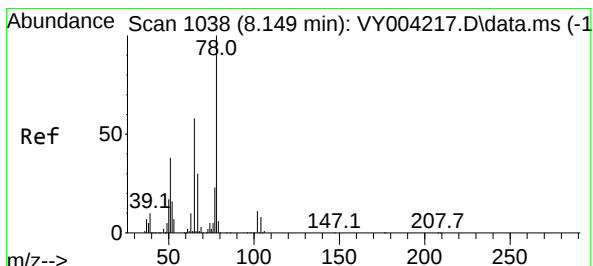
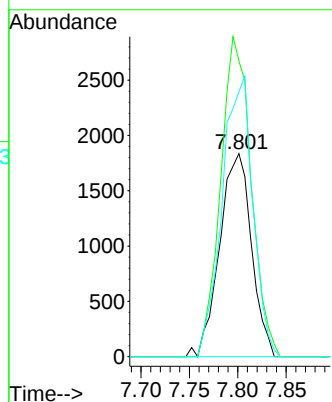
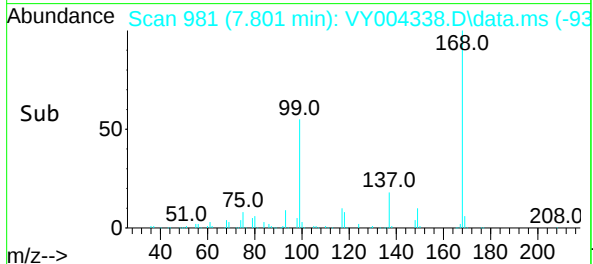


#31
Cyclohexane
Concen: 1.37 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004338.D
Acq: 08 Apr 2021 16:19

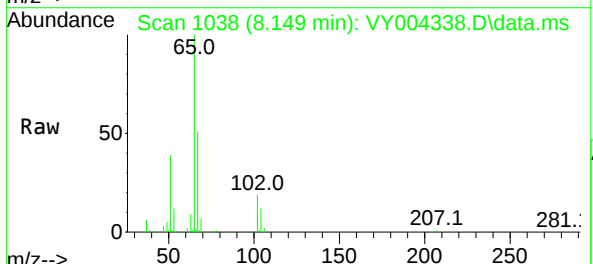
Instrument :
MSVOA_Y
ClientSampled :



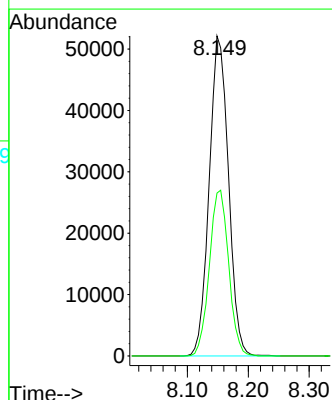
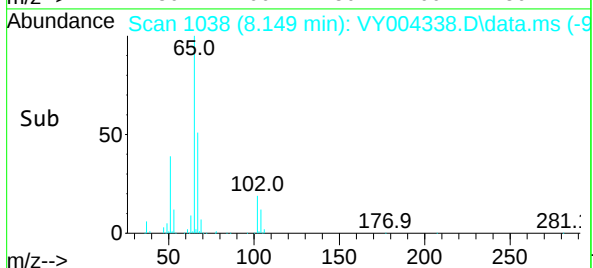
Tgt Ion: 56 Resp: 4192
Ion Ratio Lower Upper
56 100
69 145.8 26.6 40.0#
84 130.6 72.3 108.5#

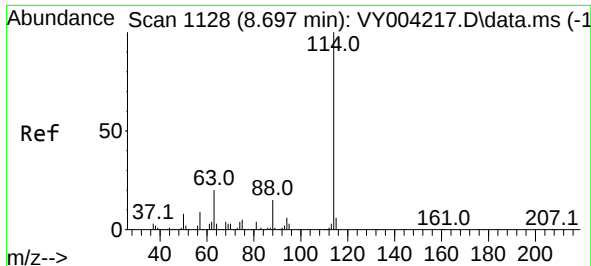


#33
1,2-Dichloroethane-d4
Concen: 66.10 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004338.D
Acq: 08 Apr 2021 16:19



Tgt Ion: 65 Resp: 114401
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.2

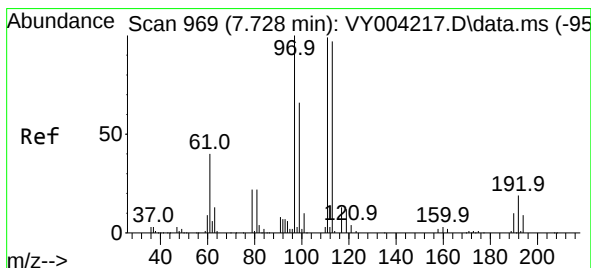
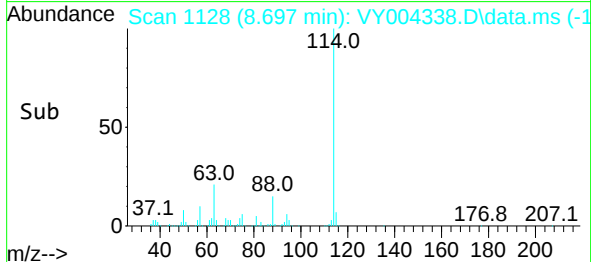
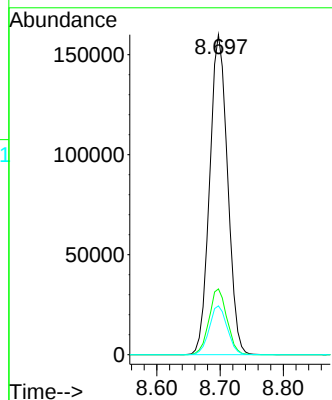
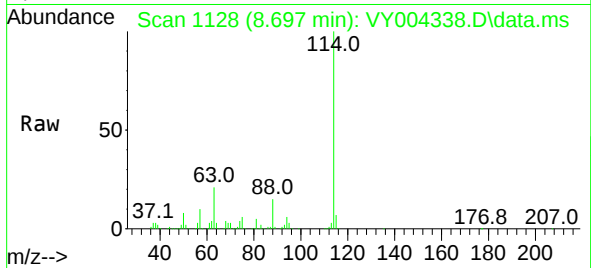




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004338.D
Acq: 08 Apr 2021 16:19

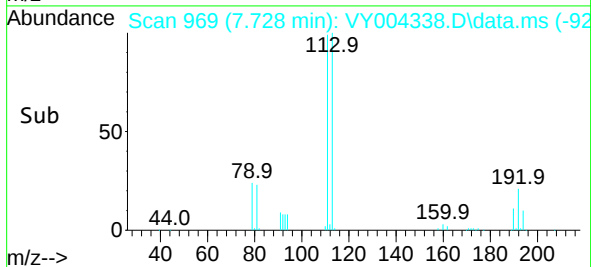
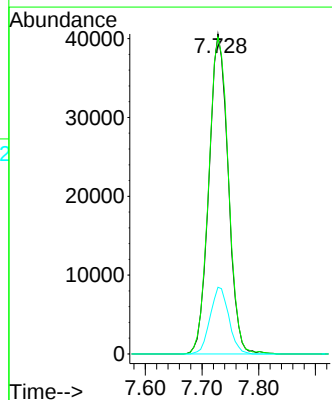
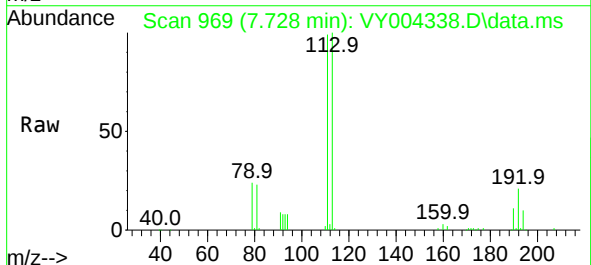
Instrument :
MSVOA_Y
ClientSampleId :

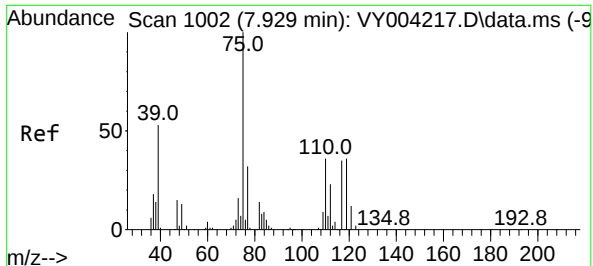
Tgt Ion:114 Resp: 314333
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.4
88 15.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.56 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004338.D
Acq: 08 Apr 2021 16:19

Tgt Ion:113 Resp: 95550
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 20.2 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.92 ug/l

RT: 7.801 min Scan# 981

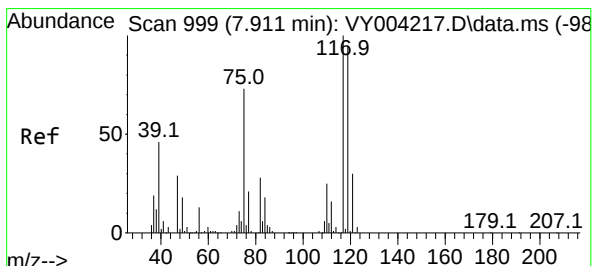
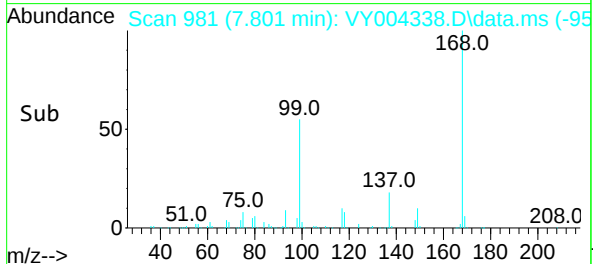
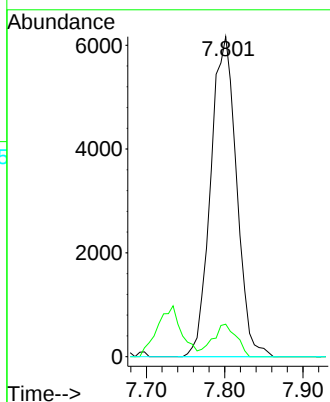
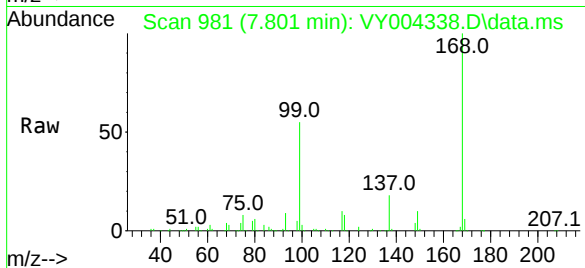
Delta R.T. -0.128 min

Lab File: VY004338.D

Acq: 08 Apr 2021 16:19

Tgt Ion:	75	Resp:	14129
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.3#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 7.40 ug/l

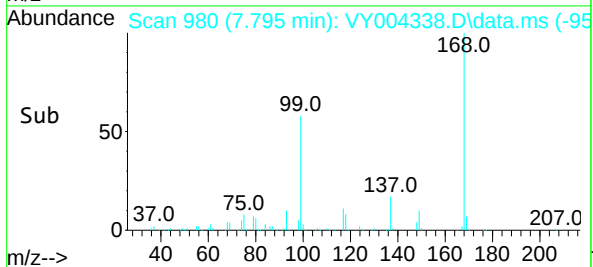
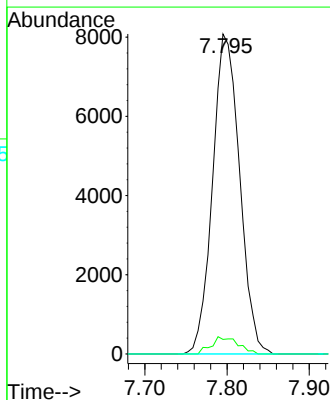
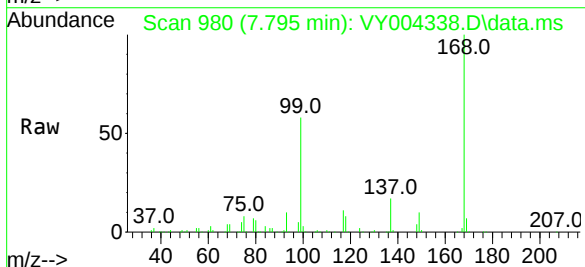
RT: 7.795 min Scan# 980

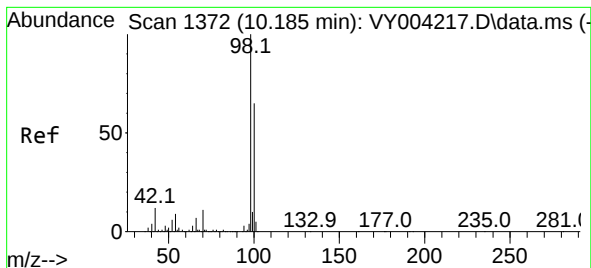
Delta R.T. -0.116 min

Lab File: VY004338.D

Acq: 08 Apr 2021 16:19

Tgt Ion:	117	Resp:	18470
Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.6	113.4#
121	0.0	24.3	36.5#

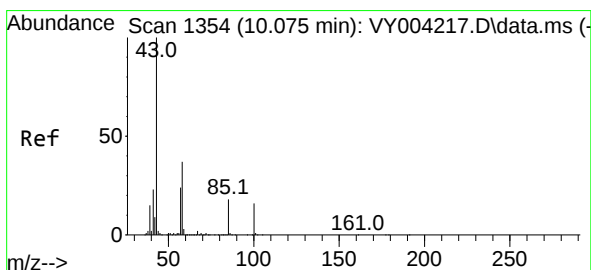
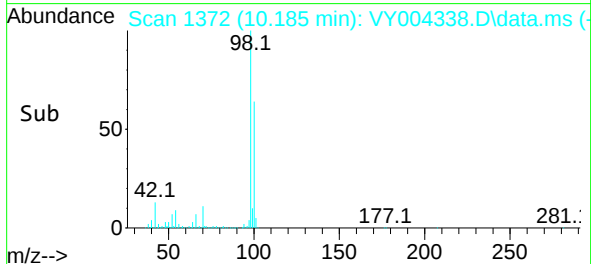
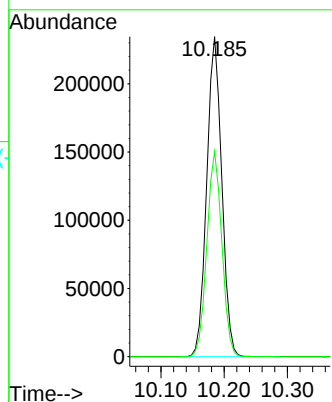
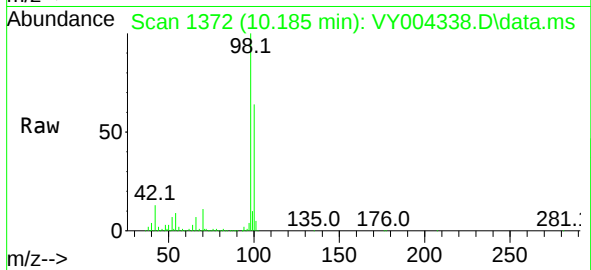




#50
Toluene-d8
Concen: 58.93 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004338.D
Acq: 08 Apr 2021 16:19

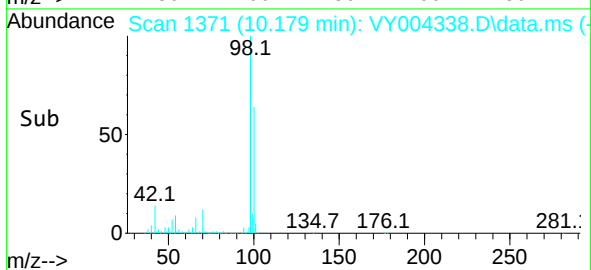
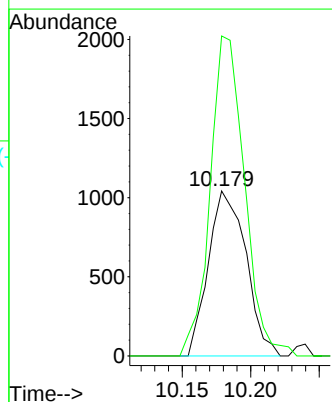
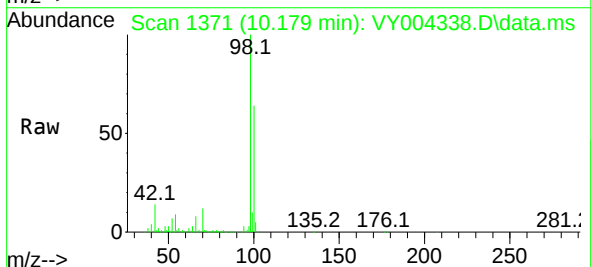
Instrument :
MSVOA_Y
ClientSampled :

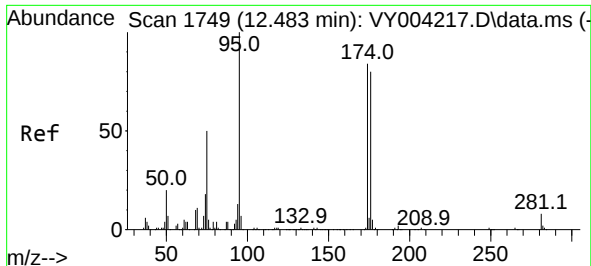
Tgt Ion: 98 Resp: 388203
Ion Ratio Lower Upper
98 100
100 64.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.22 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004338.D
Acq: 08 Apr 2021 16:19

Tgt Ion: 43 Resp: 1989
Ion Ratio Lower Upper
43 100
58 177.3 30.6 45.8#

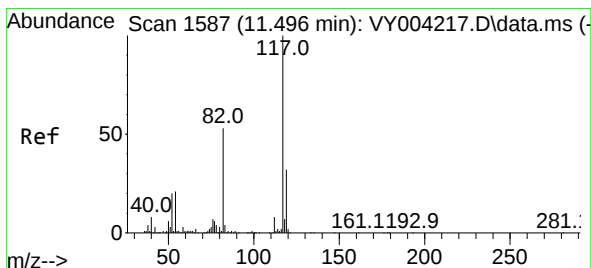
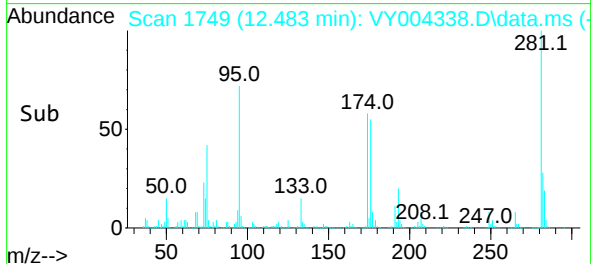
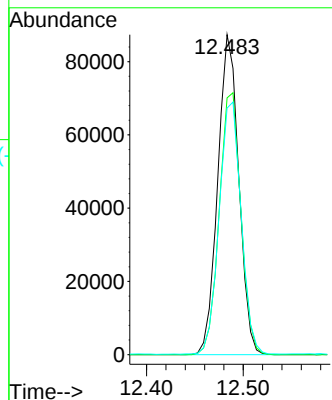
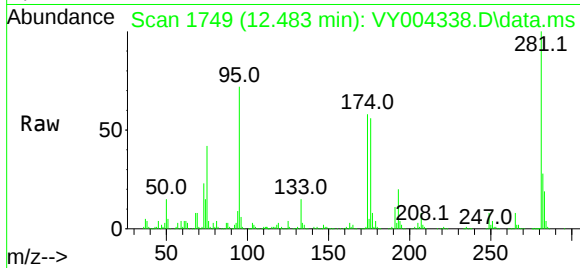




#62
4-Bromofluorobenzene
Concen: 58.17 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004338.D
Acq: 08 Apr 2021 16:19

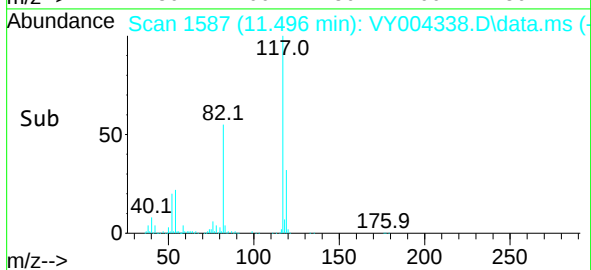
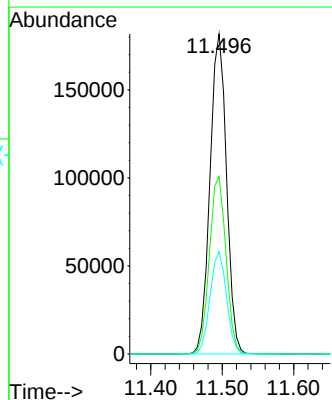
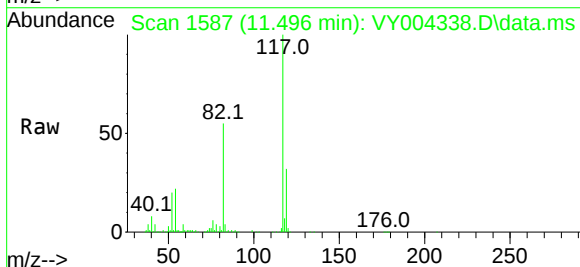
Instrument :
MSVOA_Y
ClientSampleId :

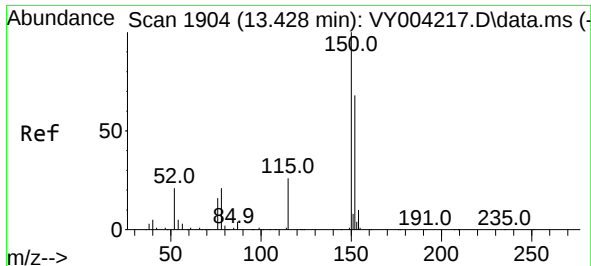
Tgt Ion: 95 Resp: 131333
Ion Ratio Lower Upper
95 100
174 84.2 0.0 171.4
176 82.9 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004338.D
Acq: 08 Apr 2021 16:19

Tgt Ion: 117 Resp: 291718
Ion Ratio Lower Upper
117 100
82 55.4 42.7 64.1
119 31.9 25.7 38.5

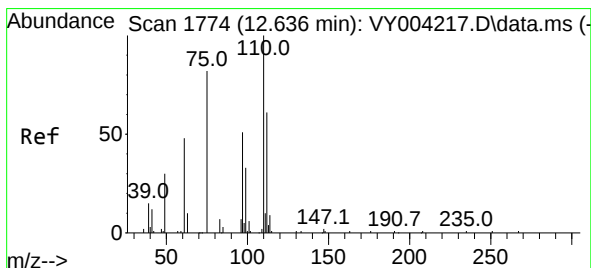
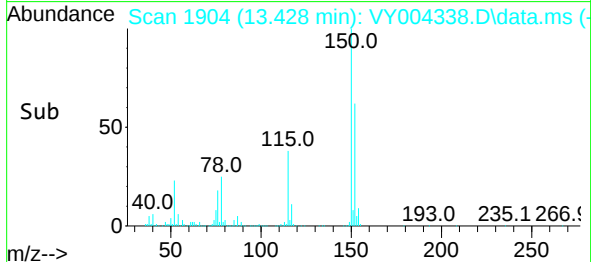
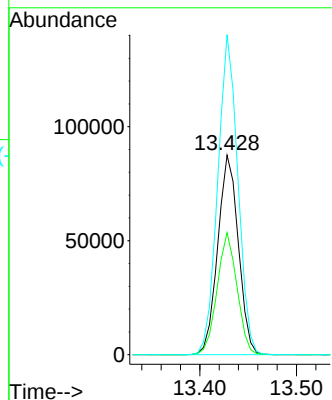
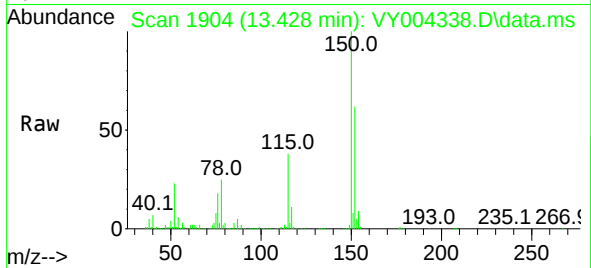




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004338.D
 Acq: 08 Apr 2021 16:19

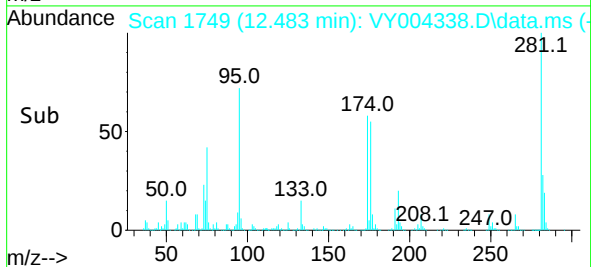
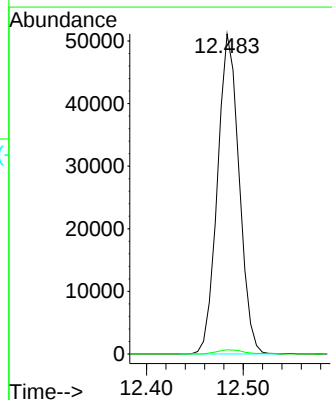
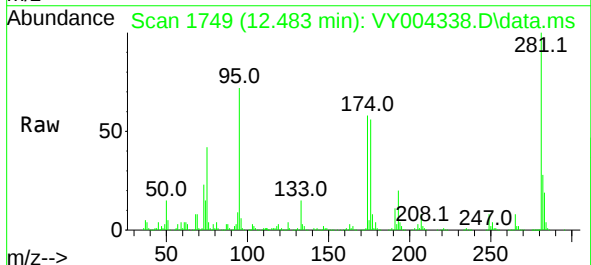
Instrument :
 MSVOA_Y
 ClientSampleId :

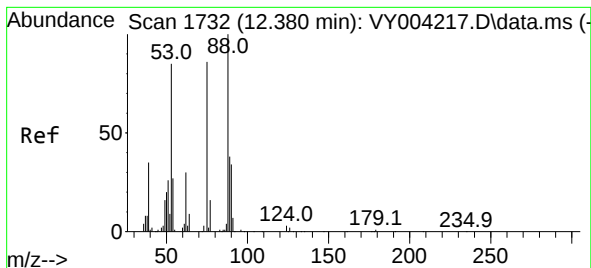
Tgt Ion:152 Resp: 129281
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.0 87.1
 150 156.6 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 67.56 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004338.D
 Acq: 08 Apr 2021 16:19

Tgt Ion: 75 Resp: 79311
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

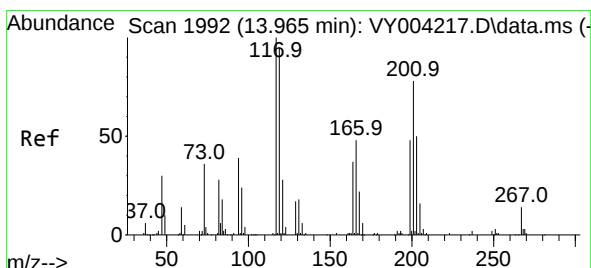
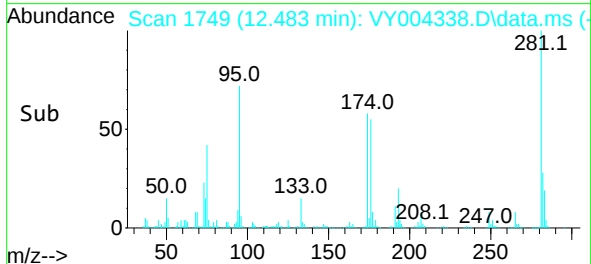
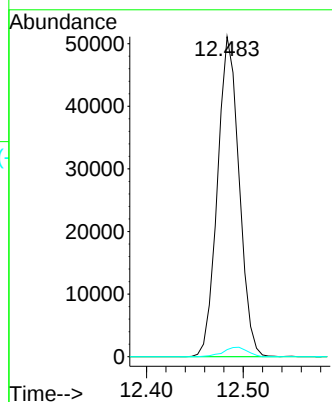
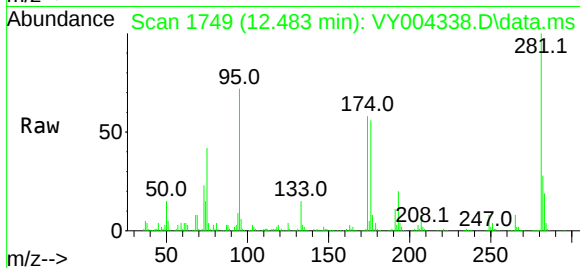




#81
trans-1,4-Dichloro-2-butene
Concen: 124.51 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004338.D
Acq: 08 Apr 2021 16:19

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 79311
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 3.3 39.4 59.2#



#90
Hexachloroethane
Concen: 7.47 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY004338.D
Acq: 08 Apr 2021 16:19

Tgt Ion: 117 Resp: 161
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

