

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004336.D
 Acq On : 08 Apr 2021 15:32
 Operator : SY/MD
 Sample : M1972-01RE
 Misc : 7.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 09 03:17:08 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)

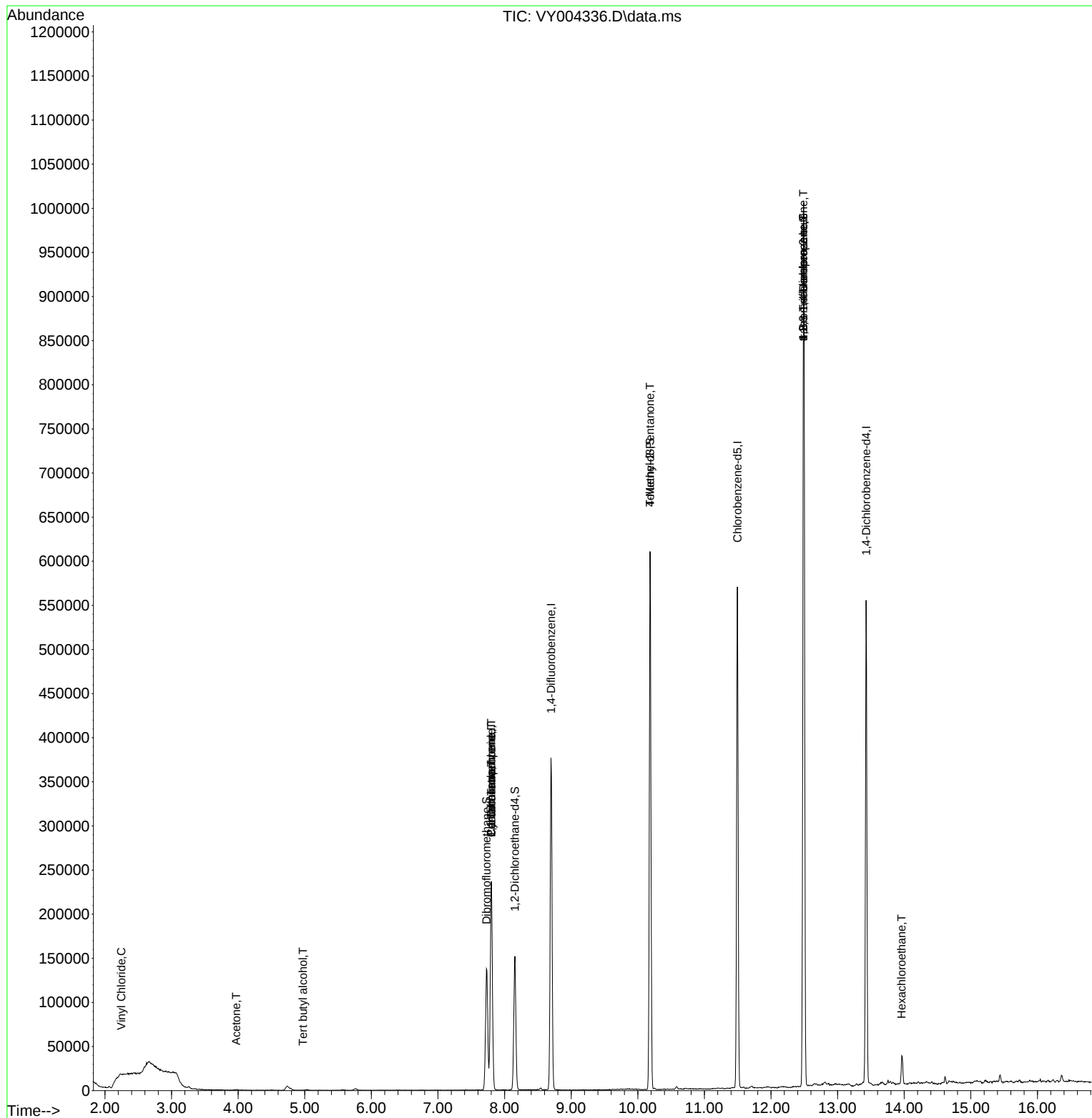
Internal Standards						
1) Pentafluorobenzene	7.801	168	180661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	309125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	288197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	115568	66.54	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.08%
35) Dibromofluoromethane	7.728	113	94931	55.11	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.22%
50) Toluene-d8	10.185	98	378008	58.35	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.70%
62) 4-Bromofluorobenzene	12.483	95	133774	60.25	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.50%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.247	62	15648	6.65	ug/l #	42
11) Tert butyl alcohol	4.972	59	278	1.97	ug/l #	71
16) Acetone	3.972	43	1618	4.47	ug/l	94
20) Methylene Chloride	4.734	84	2956	Below	Cal	96
31) Cyclohexane	7.801	56	4268	1.39	ug/l #	23
36) 1,1-Dichloropropene	7.801	75	14347	5.08	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17767	7.24	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	2158	1.35	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	79192	66.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79192	122.33	ug/l #	11
90) Hexachloroethane	13.958	117	241	7.55	ug/l #	12

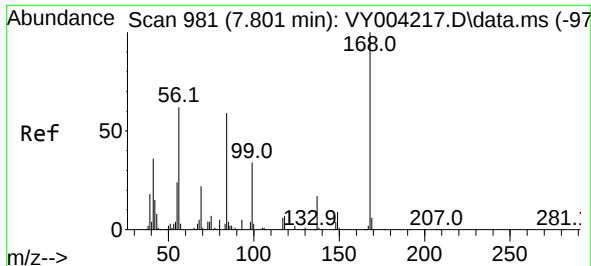
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

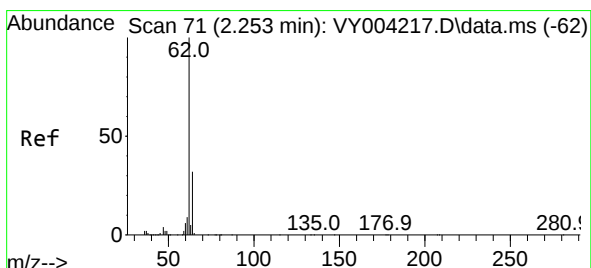
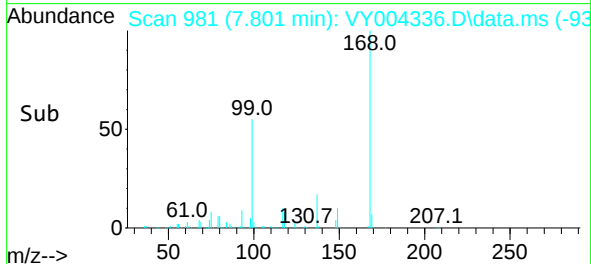
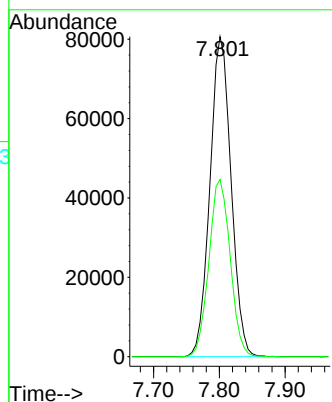
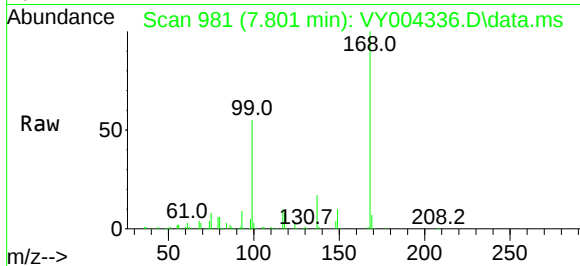




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004336.D
Acq: 08 Apr 2021 15:32

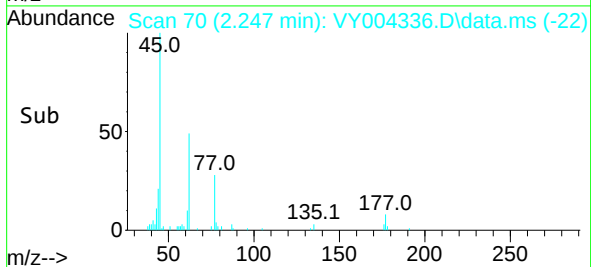
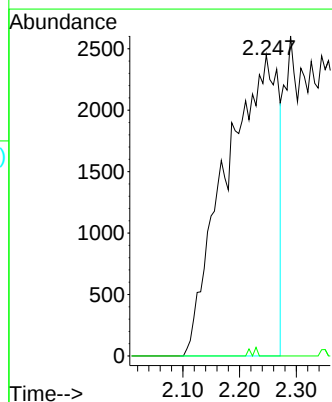
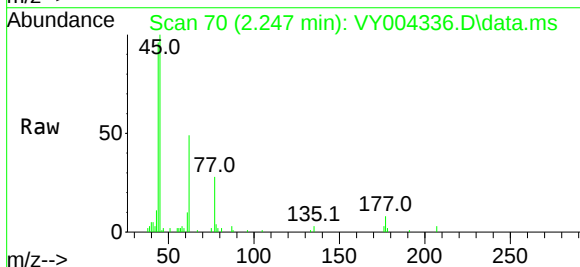
Instrument :
MSVOA_Y
ClientSampled :

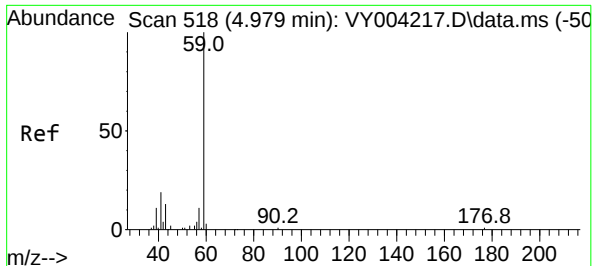
Tgt Ion:168 Resp: 180661
Ion Ratio Lower Upper
168 100
99 55.4 42.6 64.0



#4
Vinyl Chloride
Concen: 6.65 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY004336.D
Acq: 08 Apr 2021 15:32

Tgt Ion: 62 Resp: 15648
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



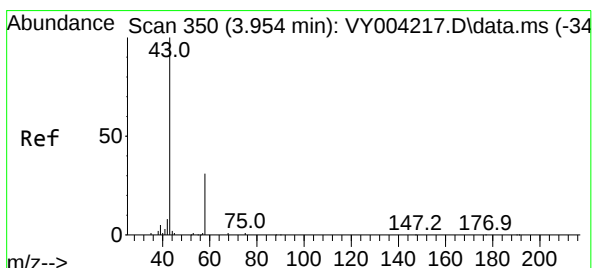
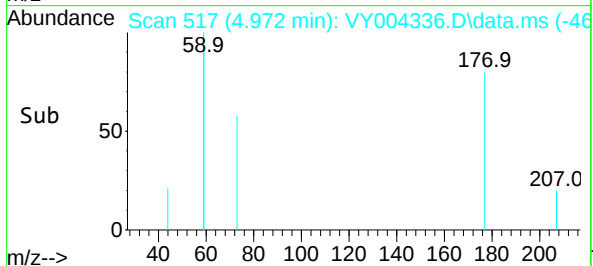
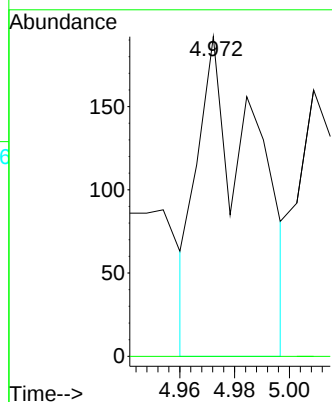
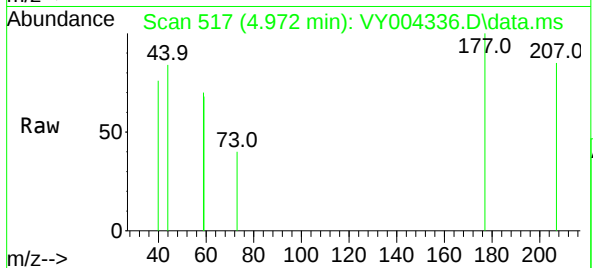


#11

Tert butyl alcohol
Concen: 1.97 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004336.D
Acq: 08 Apr 2021 15:32

Instrument :
MSVOA_Y
ClientSampled :

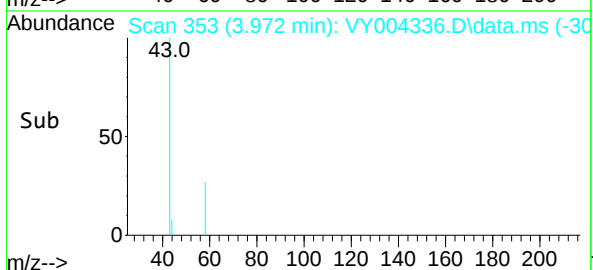
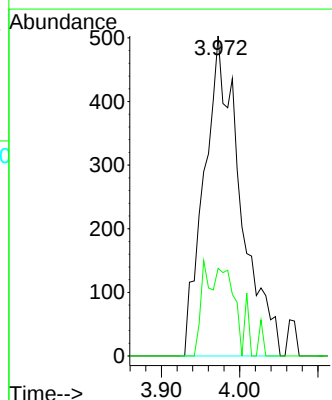
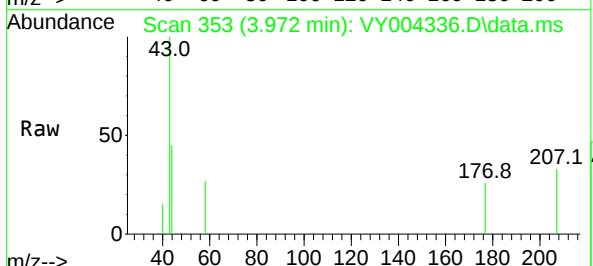
Tgt Ion: 59 Resp: 278
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

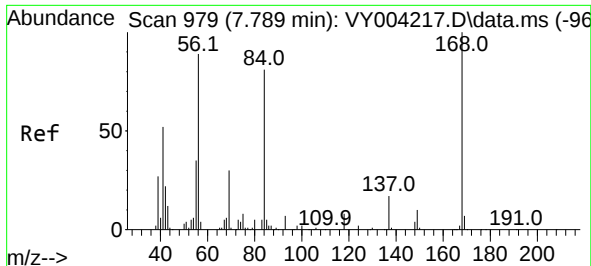


#16

Acetone
Concen: 4.47 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY004336.D
Acq: 08 Apr 2021 15:32

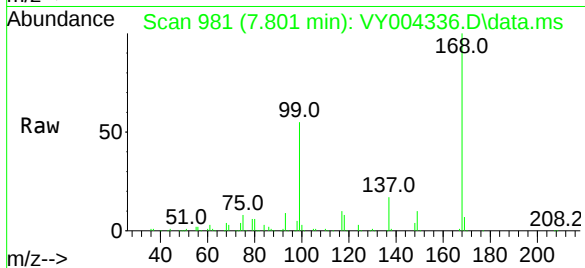
Tgt Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
58 27.4 24.5 36.7



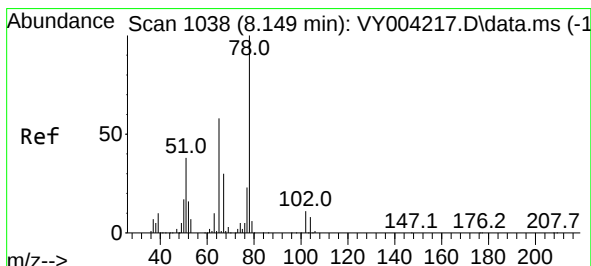
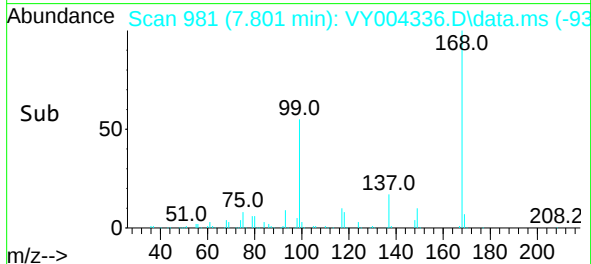
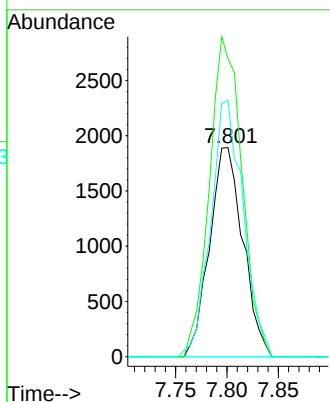


#31
Cyclohexane
Concen: 1.39 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004336.D
Acq: 08 Apr 2021 15:32

Instrument :
MSVOA_Y
ClientSampleId :

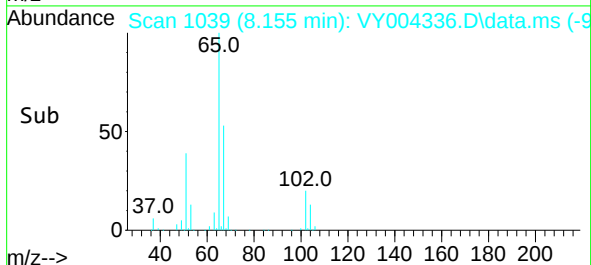
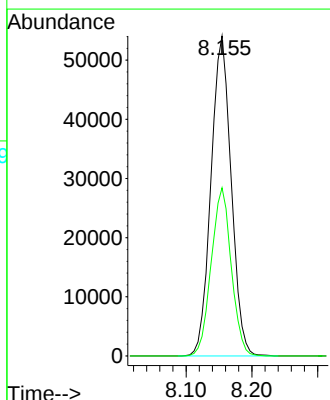
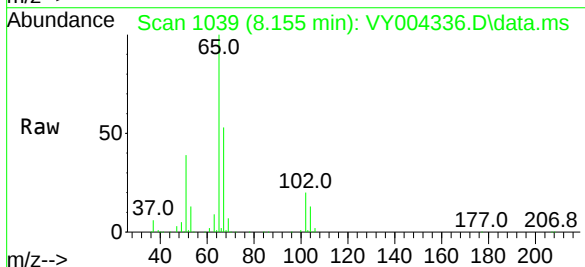


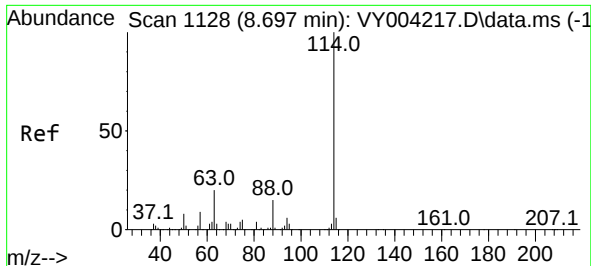
Tgt Ion: 56 Resp: 4268
Ion Ratio Lower Upper
56 100
69 142.5 26.6 40.0#
84 122.6 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 66.54 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004336.D
Acq: 08 Apr 2021 15:32

Tgt Ion: 65 Resp: 115568
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.2

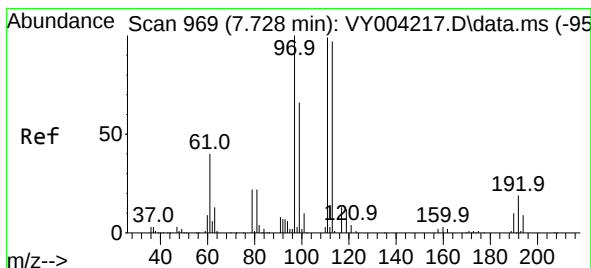
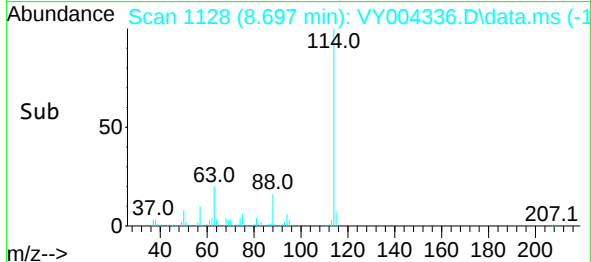
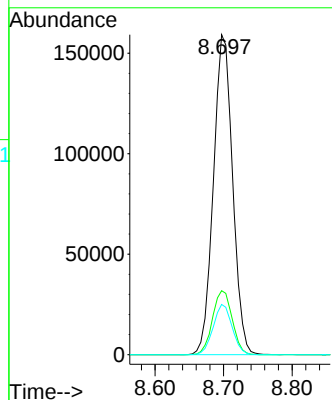
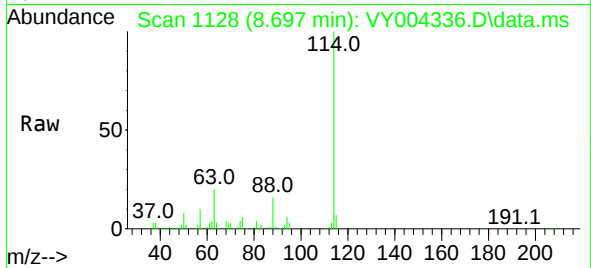




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004336.D
Acq: 08 Apr 2021 15:32

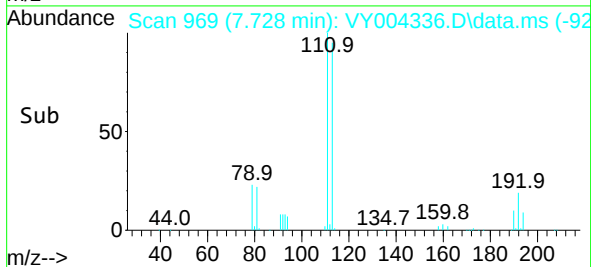
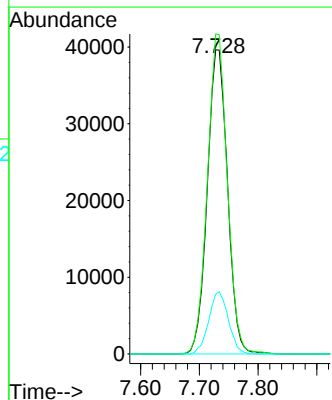
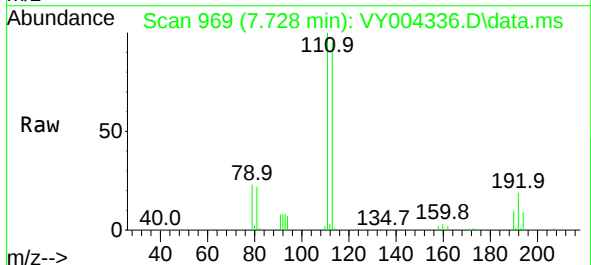
Instrument :
MSVOA_Y
ClientSampled :

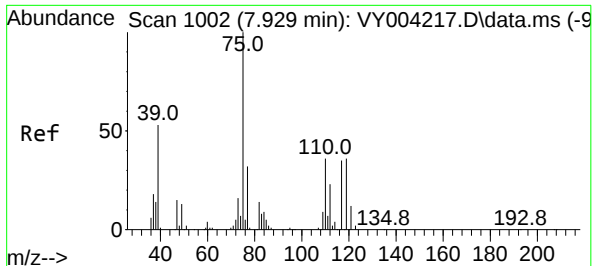
Tgt Ion:114 Resp: 309125
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.4
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.11 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004336.D
Acq: 08 Apr 2021 15:32

Tgt Ion:113 Resp: 94931
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 19.8 16.4 24.6

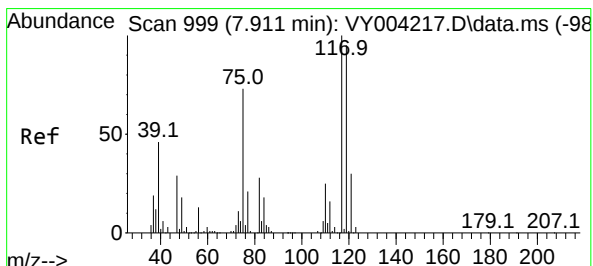
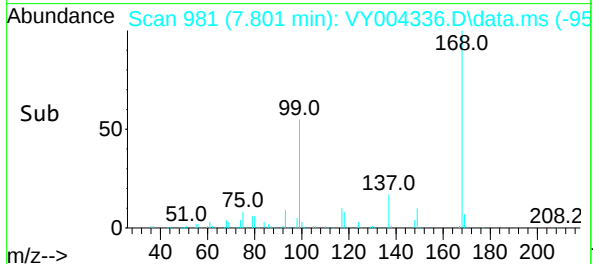
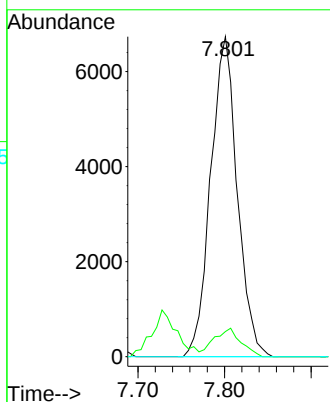
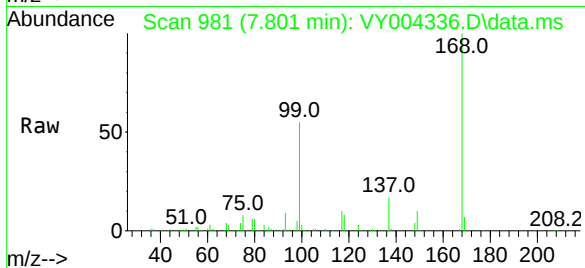




#36
 1,1-Dichloropropene
 Concen: 5.08 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.128 min
 Lab File: VY004336.D
 Acq: 08 Apr 2021 15:32

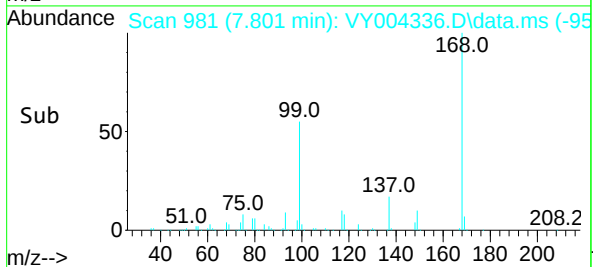
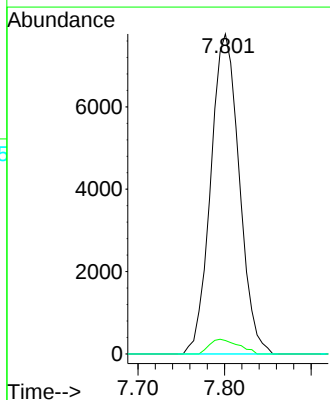
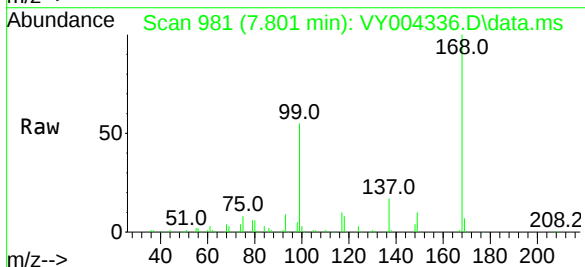
Instrument :
 MSVOA_Y
 ClientSampled :

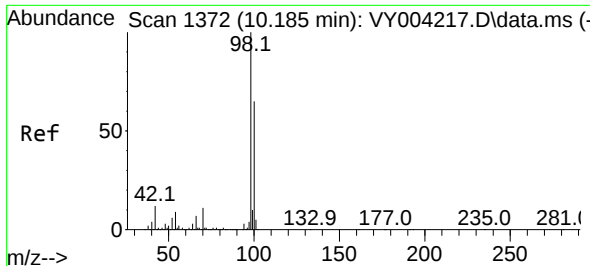
Tgt Ion: 75	Resp: 14347
Ion Ratio	Lower Upper
75 100	
110 9.0	18.1 54.3#
77 0.0	25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 7.24 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY004336.D
 Acq: 08 Apr 2021 15:32

Tgt Ion: 117	Resp: 17767
Ion Ratio	Lower Upper
117 100	
119 4.2	75.6 113.4#
121 0.0	24.3 36.5#

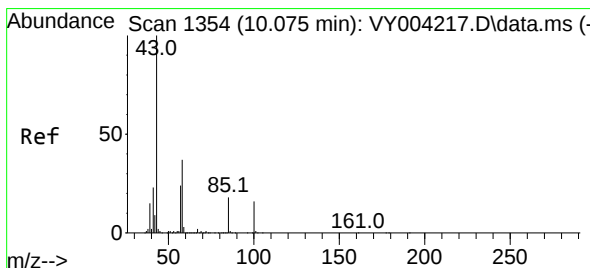
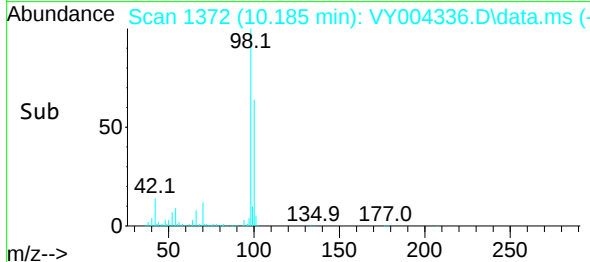
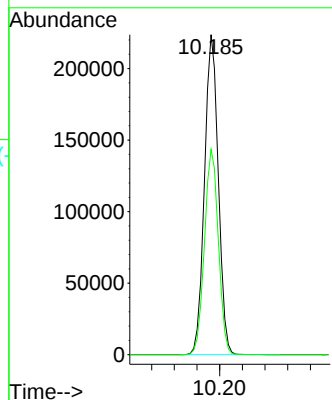
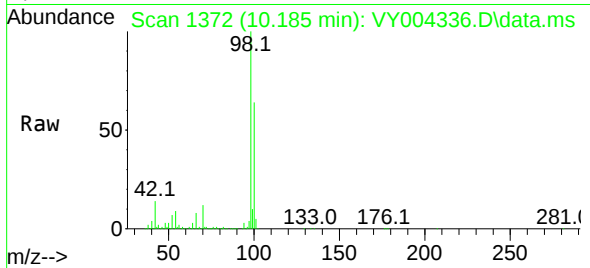




#50
Toluene-d8
Concen: 58.35 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004336.D
Acq: 08 Apr 2021 15:32

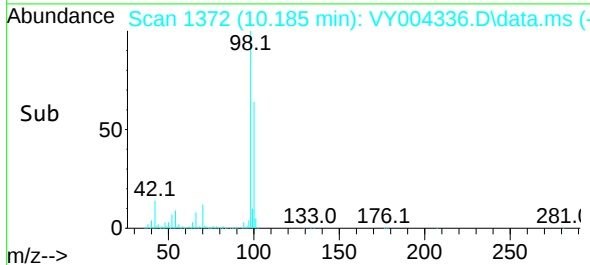
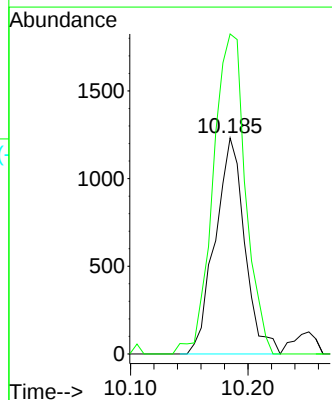
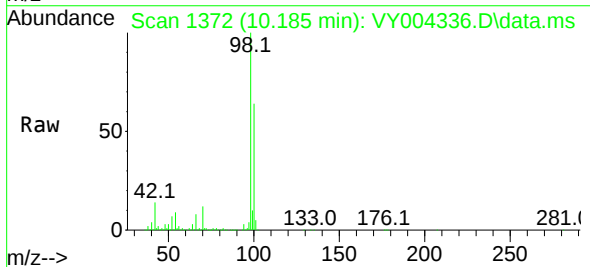
Instrument :
MSVOA_Y
ClientSampled :

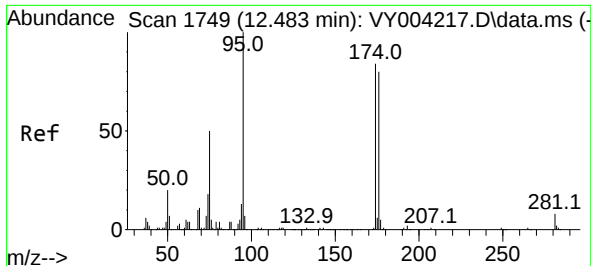
Tgt Ion: 98 Resp: 378008
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.35 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004336.D
Acq: 08 Apr 2021 15:32

Tgt Ion: 43 Resp: 2158
Ion Ratio Lower Upper
43 100
58 162.4 30.6 45.8#

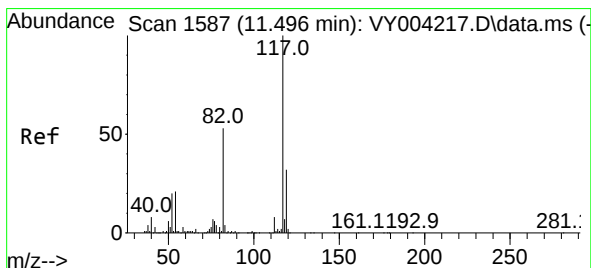
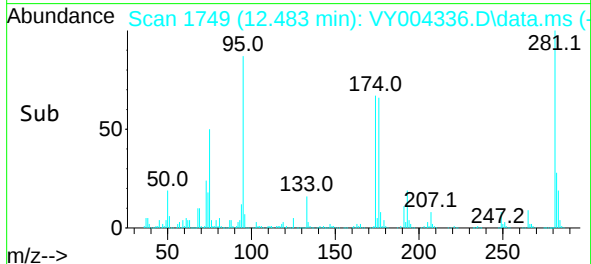
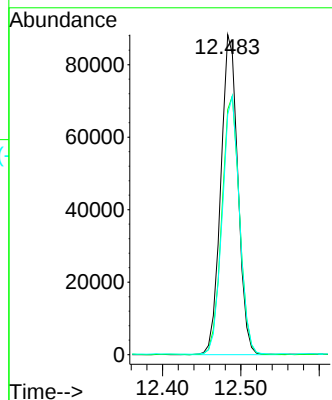
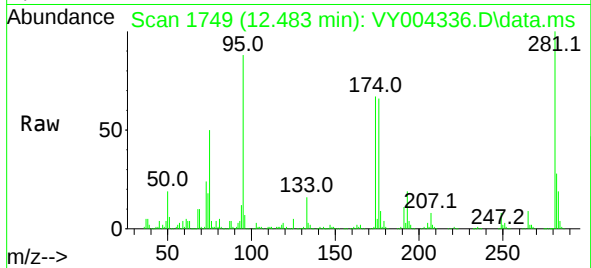




#62
4-Bromofluorobenzene
Concen: 60.25 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004336.D
Acq: 08 Apr 2021 15:32

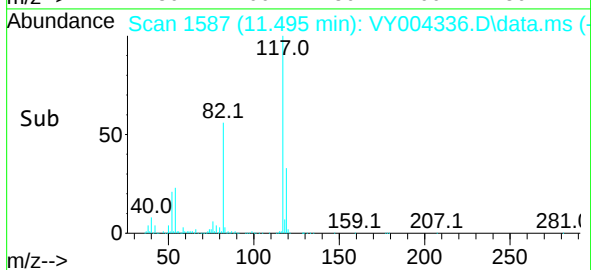
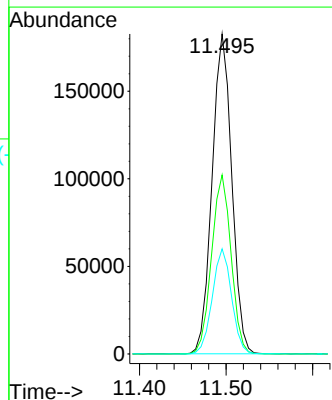
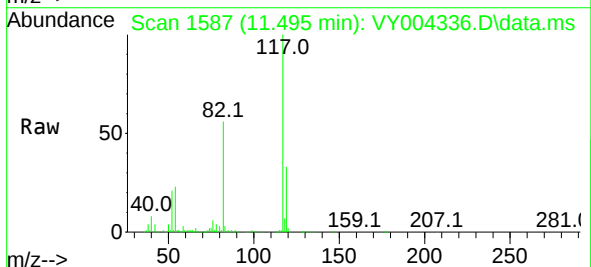
Instrument :
MSVOA_Y
ClientSampleId :

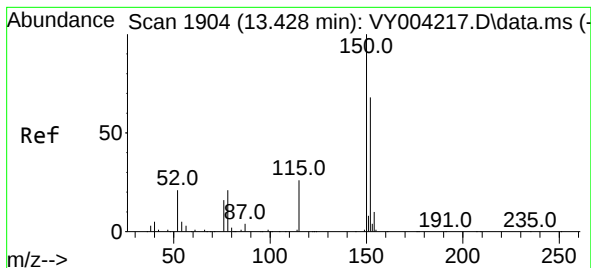
Tgt Ion: 95 Resp: 133774
Ion Ratio Lower Upper
95 100
174 83.2 0.0 171.4
176 81.3 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004336.D
Acq: 08 Apr 2021 15:32

Tgt Ion: 117 Resp: 288197
Ion Ratio Lower Upper
117 100
82 56.0 42.7 64.1
119 32.9 25.7 38.5

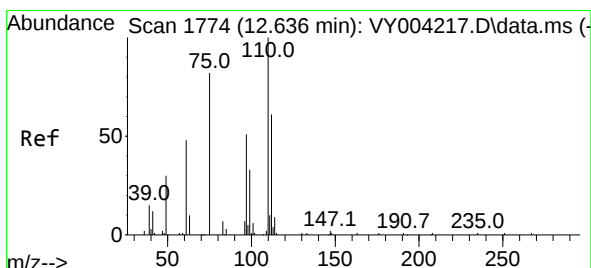
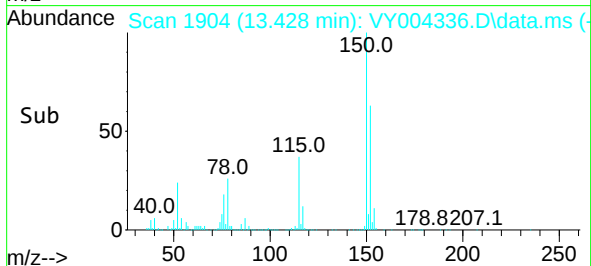
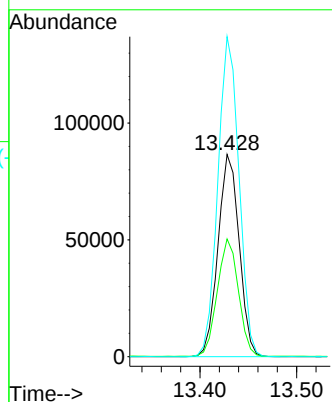
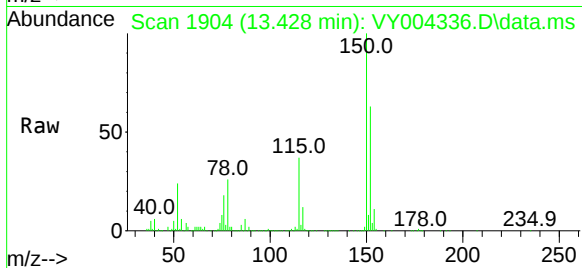




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004336.D
 Acq: 08 Apr 2021 15:32

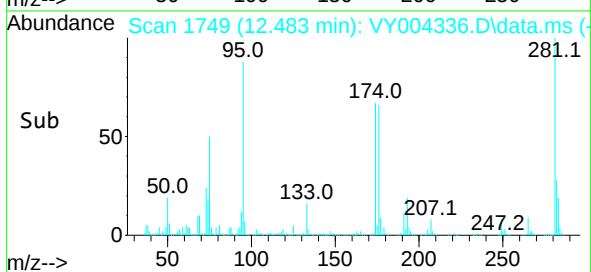
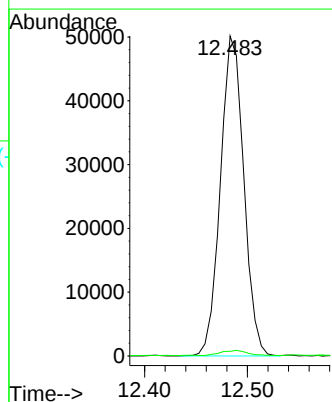
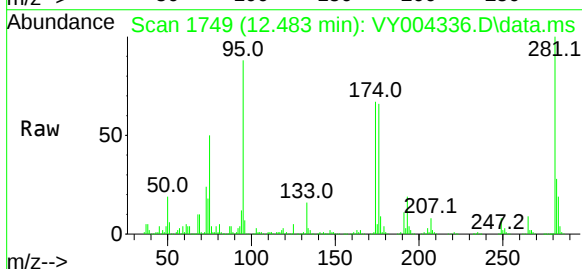
Instrument :
 MSVOA_Y
 ClientSampled :

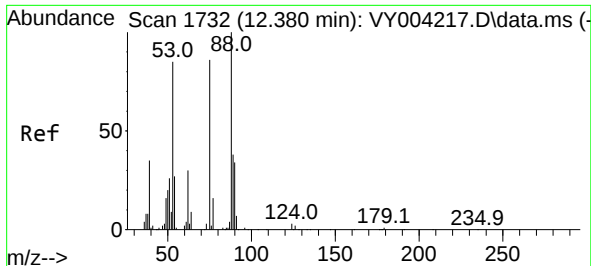
Tgt Ion:152 Resp: 131387
 Ion Ratio Lower Upper
 152 100
 115 57.6 29.0 87.1
 150 157.7 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 66.38 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004336.D
 Acq: 08 Apr 2021 15:32

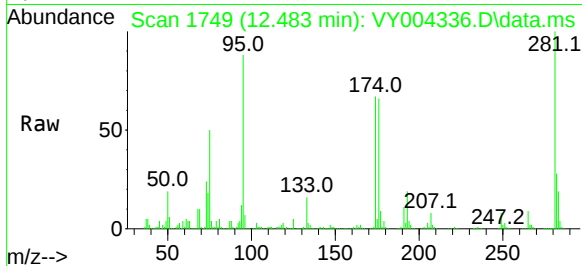
Tgt Ion: 75 Resp: 79192
 Ion Ratio Lower Upper
 75 100
 77 2.4 0.0 0.0#



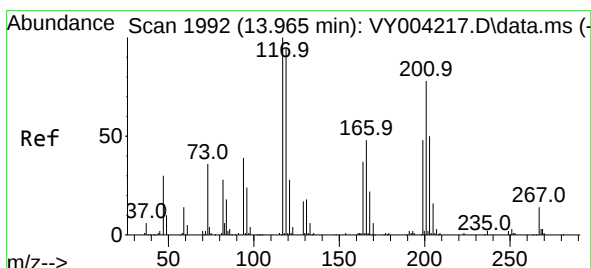
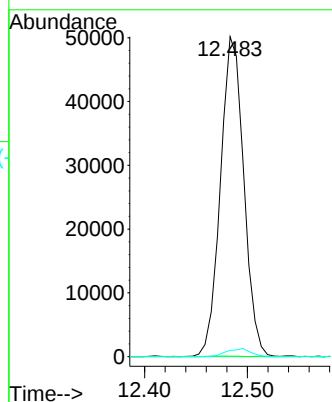
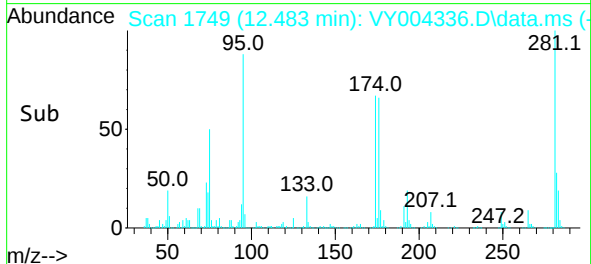


#81
trans-1,4-Dichloro-2-butene
Concen: 122.33 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004336.D
Acq: 08 Apr 2021 15:32

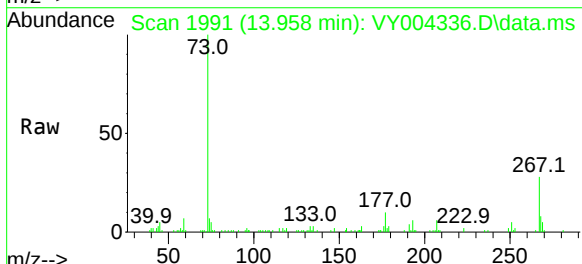
Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 75 Resp: 79192
Ion Ratio Lower Upper
75 100
53 0.2 79.3 118.9#
89 2.6 39.4 59.2#



#90
Hexachloroethane
Concen: 7.55 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.007 min
Lab File: VY004336.D
Acq: 08 Apr 2021 15:32



Tgt Ion: 117 Resp: 241
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

