

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004335.D
 Acq On : 08 Apr 2021 15:09
 Operator : SY/MD
 Sample : M1970-01
 Misc : 6.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 09 03:16:52 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)

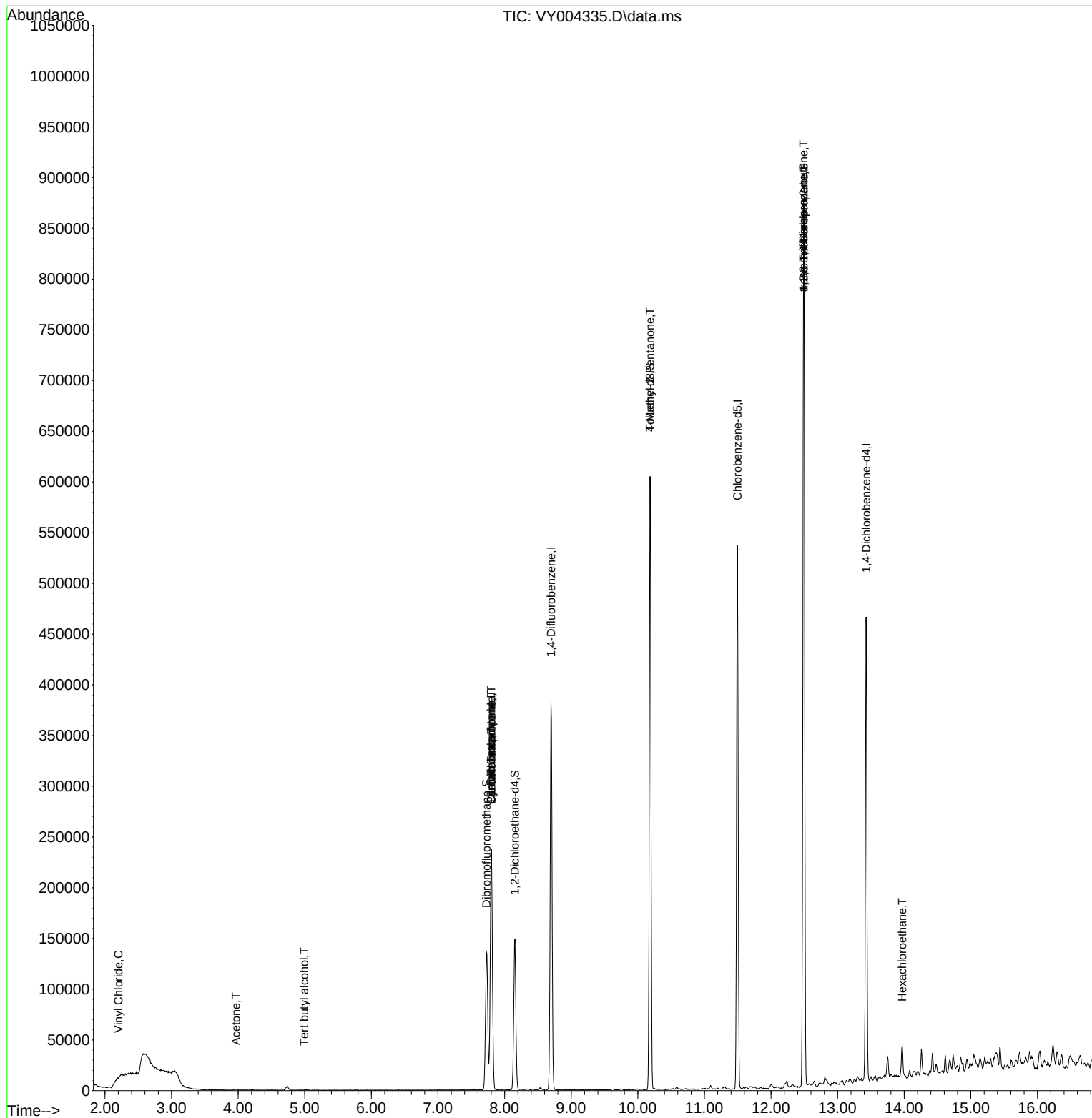
Internal Standards						
1) Pentafluorobenzene	7.801	168	182236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	316206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	278781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	113788	64.95	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.90%			
35) Dibromofluoromethane	7.728	113	95542	54.23	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.46%			
50) Toluene-d8	10.185	98	378791	57.16	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.32%			
62) 4-Bromofluorobenzene	12.489	95	121297	53.41	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.82%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.205	62	7138	3.01	ug/l #	42
11) Tert butyl alcohol	4.991	59	443	3.11	ug/l #	71
16) Acetone	3.966	43	1309	3.59	ug/l	97
20) Methylene Chloride	4.729	84	2553	Below Cal		95
31) Cyclohexane	7.801	56	4328	1.40	ug/l #	16
36) 1,1-Dichloropropene	7.801	75	14659	5.08	ug/l #	49
38) Carbon Tetrachloride	7.801	117	18225	7.26	ug/l #	16
49) 1,4-Dioxane	9.307	88	97	Below Cal	#	42
51) 4-Methyl-2-Pentanone	10.185	43	2019	1.24	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	70773	71.44	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	70773	131.67	ug/l #	11
90) Hexachloroethane	13.971	117	195	7.54	ug/l #	12

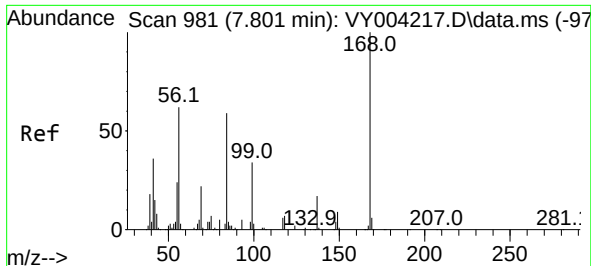
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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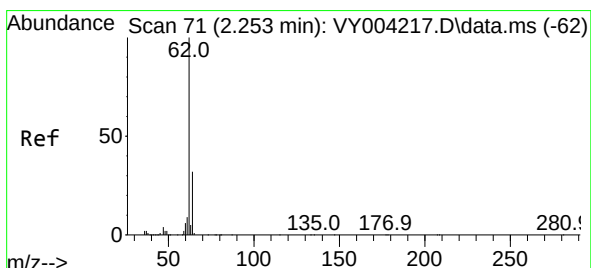
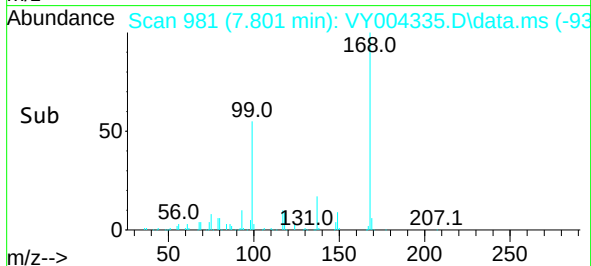
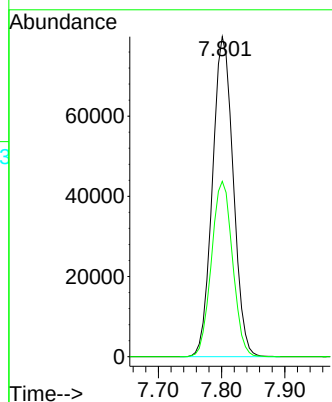
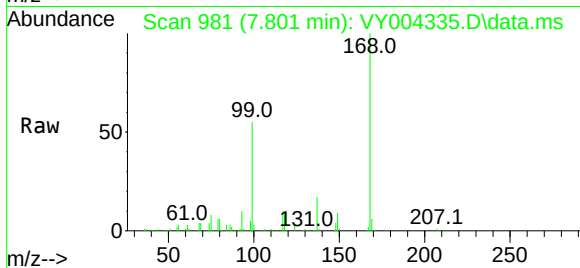




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09

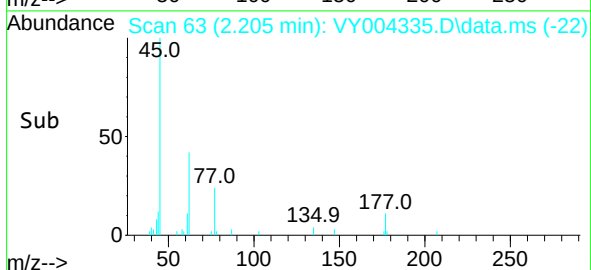
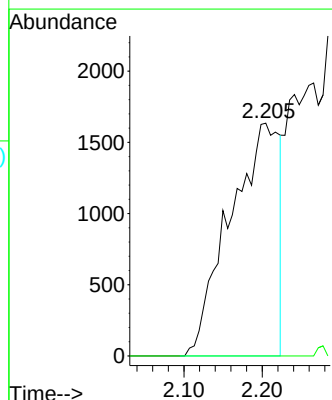
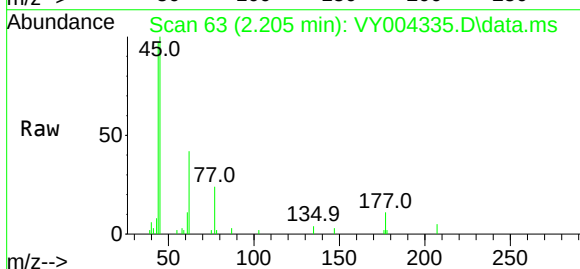
Instrument :
MSVOA_Y
ClientSampled :

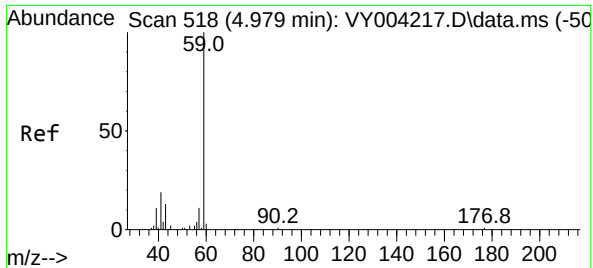
Tgt Ion:168 Resp: 182236
Ion Ratio Lower Upper
168 100
99 54.8 42.6 64.0



#4
Vinyl Chloride
Concen: 3.01 ug/l
RT: 2.205 min Scan# 63
Delta R.T. -0.049 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09

Tgt Ion: 62 Resp: 7138
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



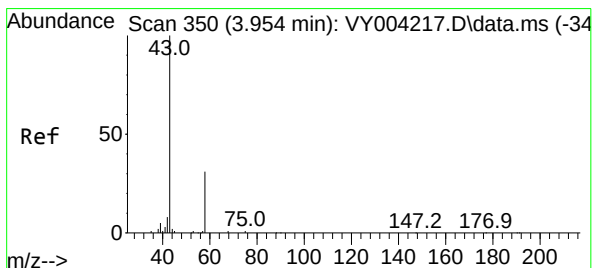
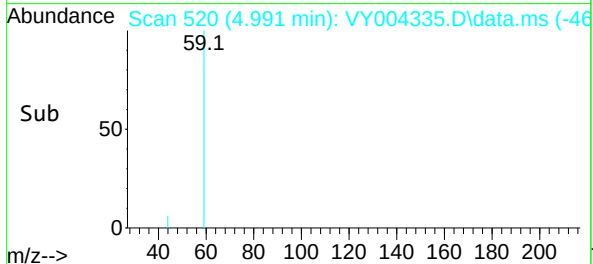
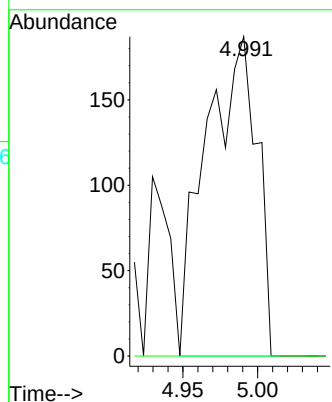
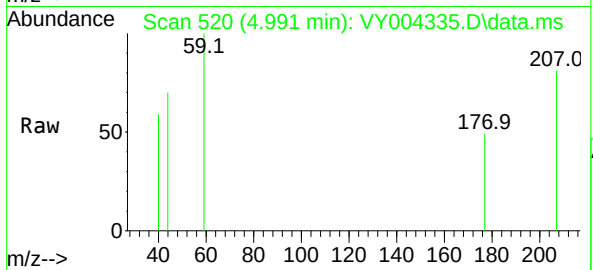


#11

Tert butyl alcohol
Concen: 3.11 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.012 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09

Instrument :
MSVOA_Y
ClientSampled :

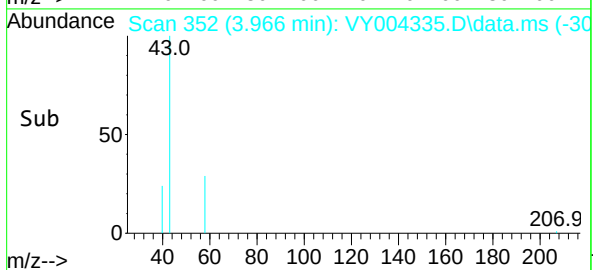
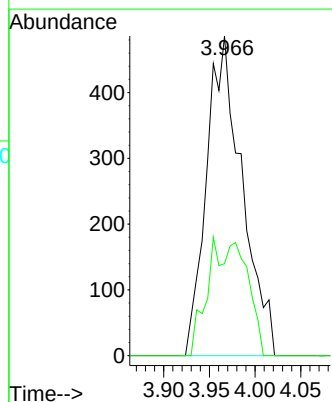
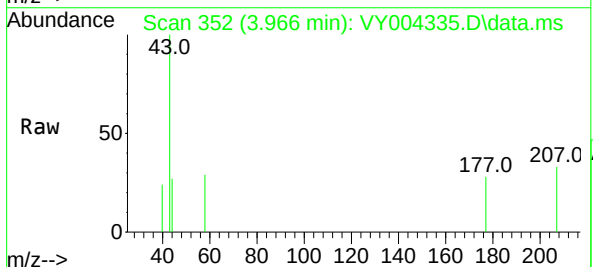
Tgt Ion: 59 Resp: 443
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

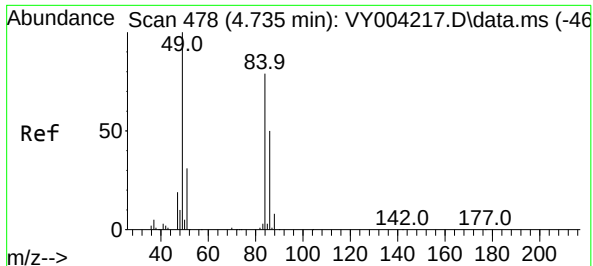


#16

Acetone
Concen: 3.59 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09

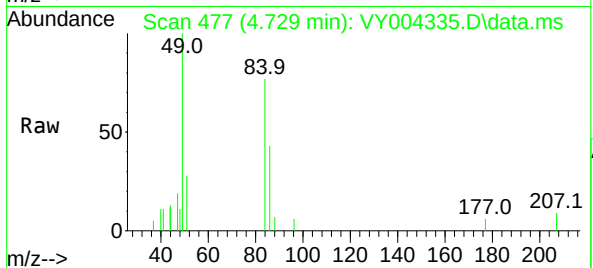
Tgt Ion: 43 Resp: 1309
Ion Ratio Lower Upper
43 100
58 28.8 24.5 36.7





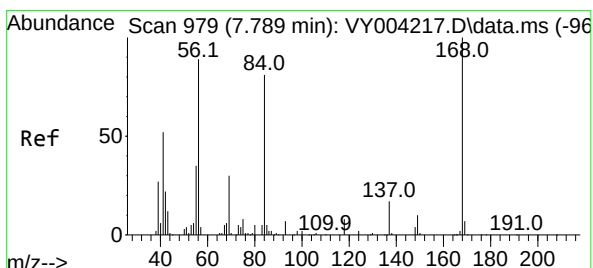
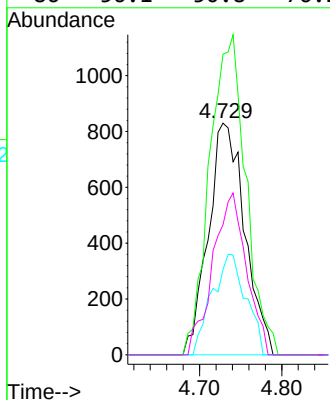
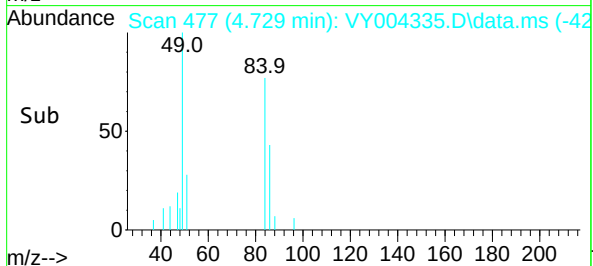
#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09

Instrument :
MSVOA_Y
ClientSampleId :

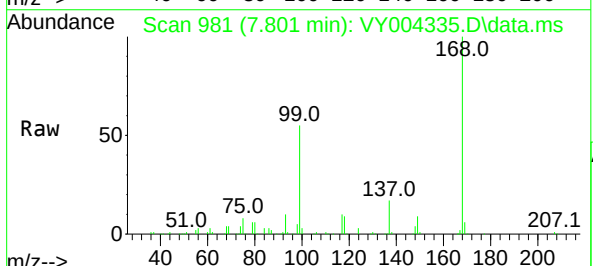


Tgt Ion: 84 Resp: 2553

Ion	Ratio	Lower	Upper
84	100		
49	129.8	101.5	152.3
51	36.7	31.5	47.3
86	56.1	50.8	76.2

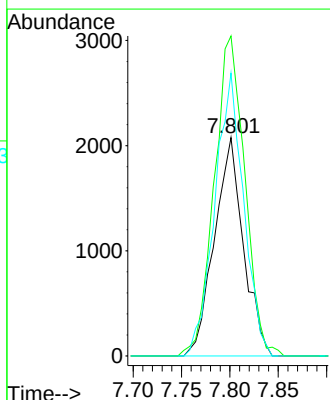
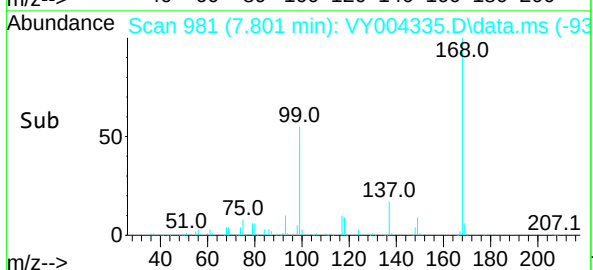


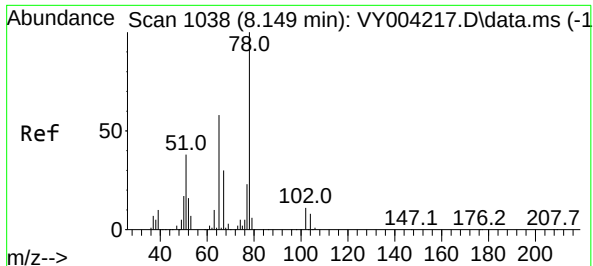
#31
Cyclohexane
Concen: 1.40 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09



Tgt Ion: 56 Resp: 4328

Ion	Ratio	Lower	Upper
56	100		
69	146.5	26.6	40.0#
84	129.5	72.3	108.5#

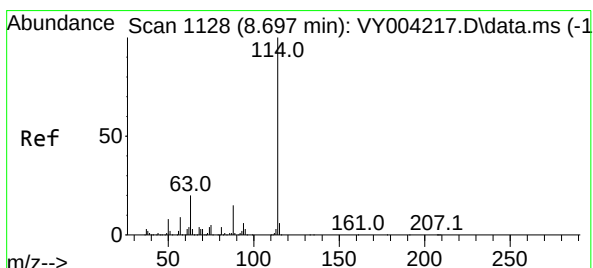
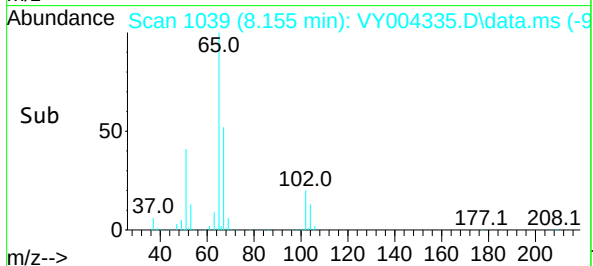
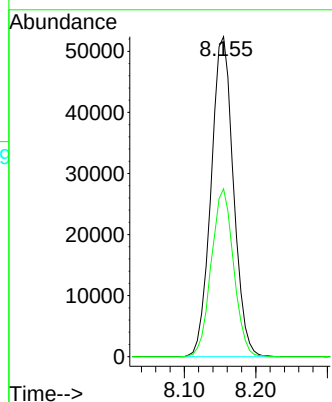
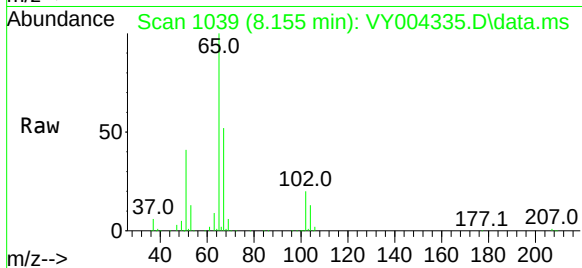




#33
1,2-Dichloroethane-d4
Concen: 64.95 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09

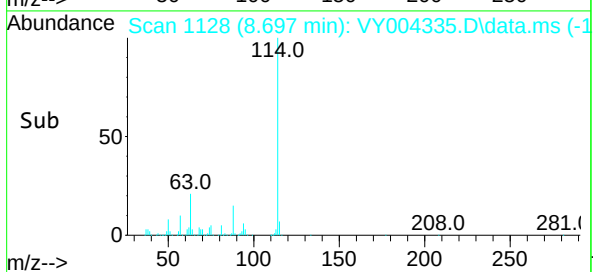
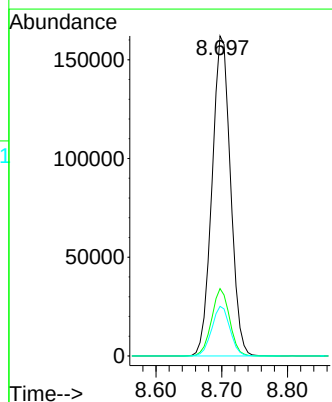
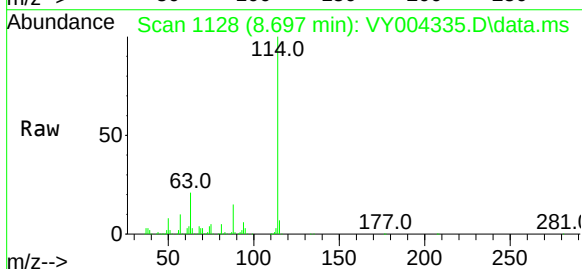
Instrument :
MSVOA_Y
ClientSampled :

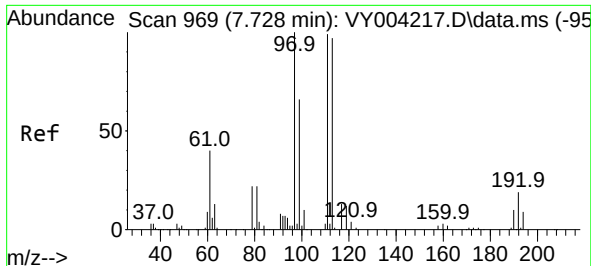
Tgt Ion: 65 Resp: 113788
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09

Tgt Ion:114 Resp: 316206
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.4
88 15.5 0.0 30.8

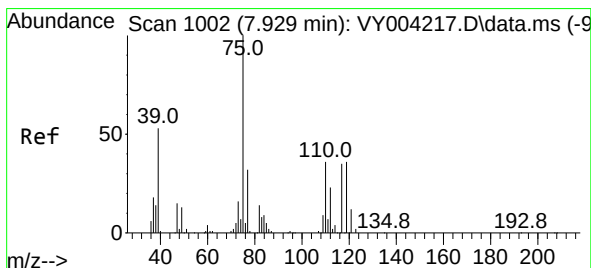
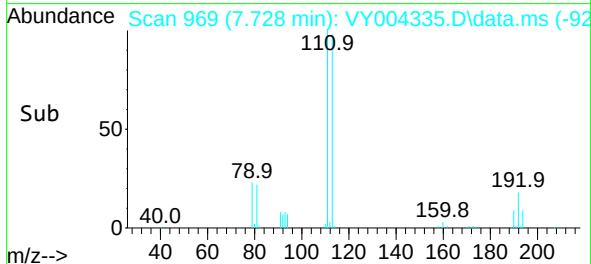
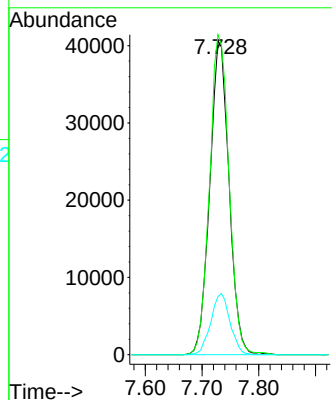
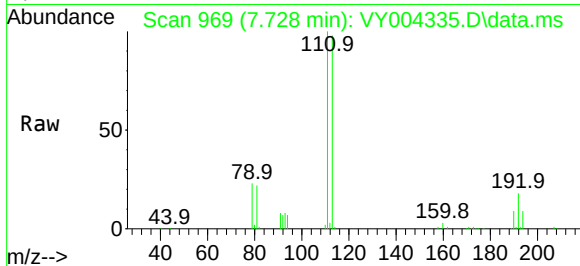




#35
Dibromofluoromethane
Concen: 54.23 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09

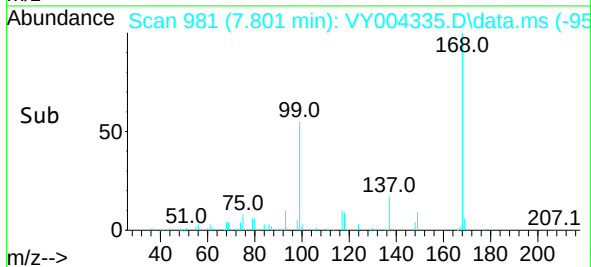
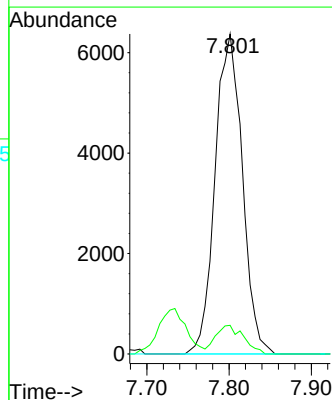
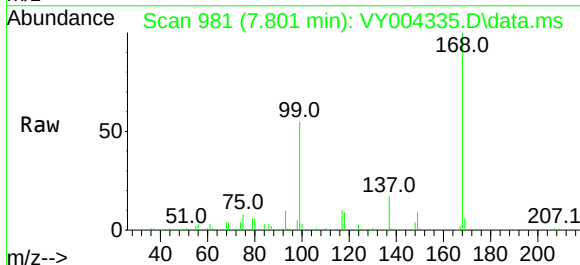
Instrument :
MSVOA_Y
ClientSampleId :

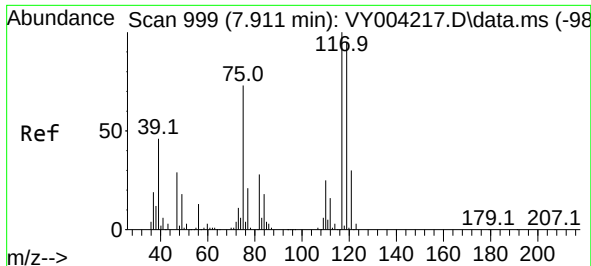
Tgt Ion:	113	Resp:	95542
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	124.0
192	19.5	16.4	24.6



#36
1,1-Dichloropropene
Concen: 5.08 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09

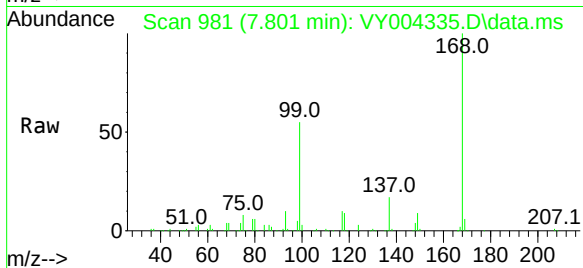
Tgt Ion:	75	Resp:	14659
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.3#
77	0.0	25.1	37.7#



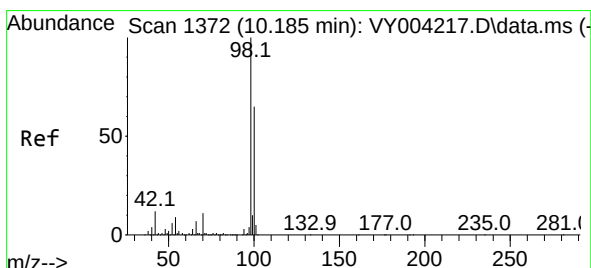
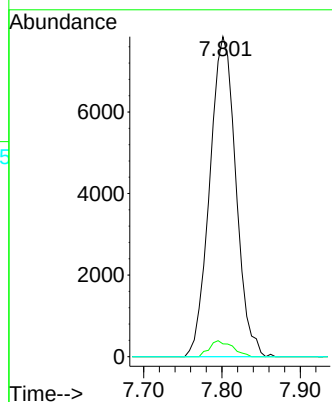
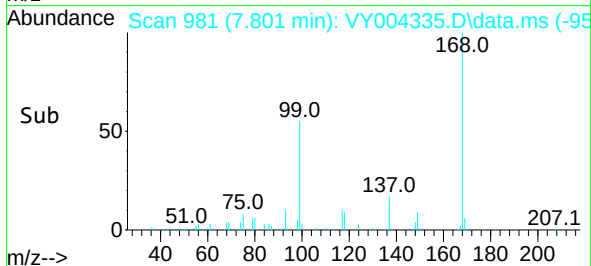


#38
Carbon Tetrachloride
Concen: 7.26 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09

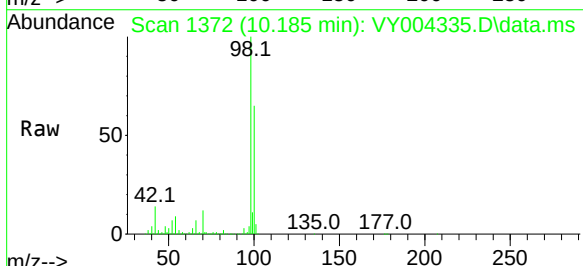
Instrument :
MSVOA_Y
ClientSampleId :



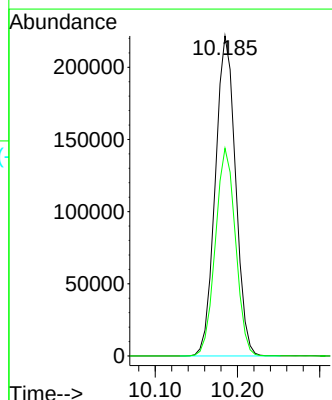
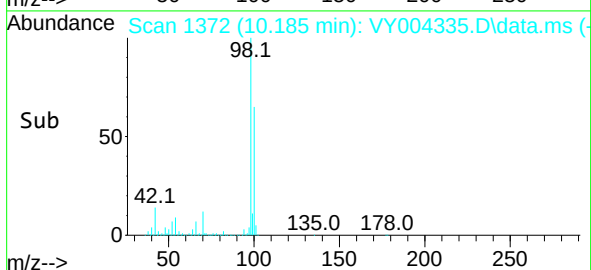
Tgt Ion:117 Resp: 18225
Ion Ratio Lower Upper
117 100
119 4.0 75.6 113.4#
121 0.0 24.3 36.5#

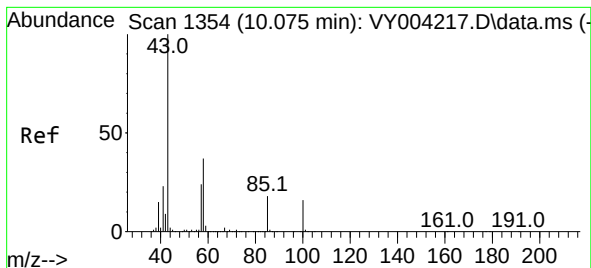


#50
Toluene-d8
Concen: 57.16 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09



Tgt Ion: 98 Resp: 378791
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7

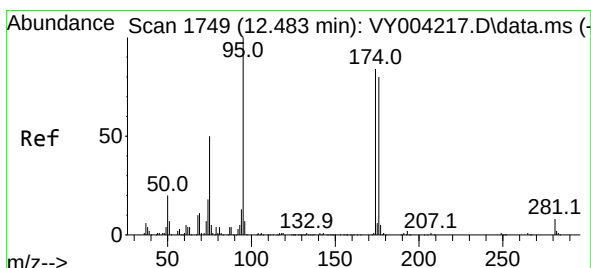
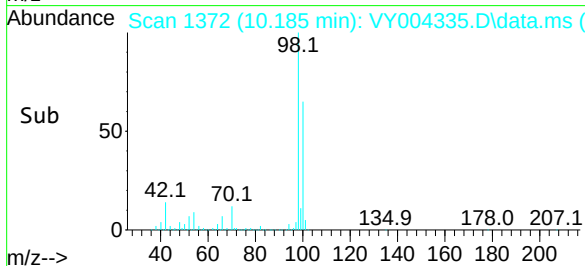
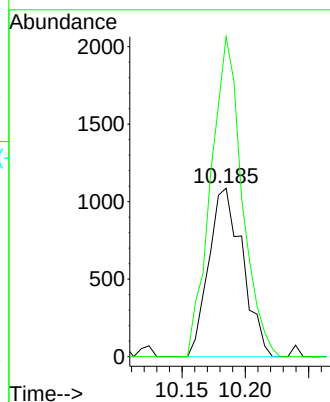
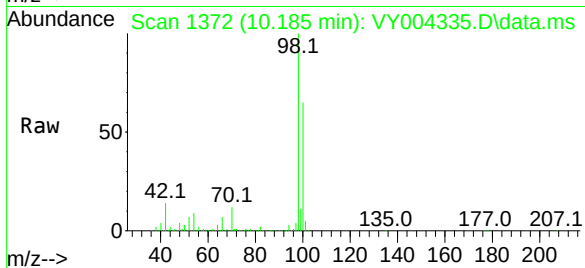




#51
4-Methyl-2-Pentanone
Concen: 1.24 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09

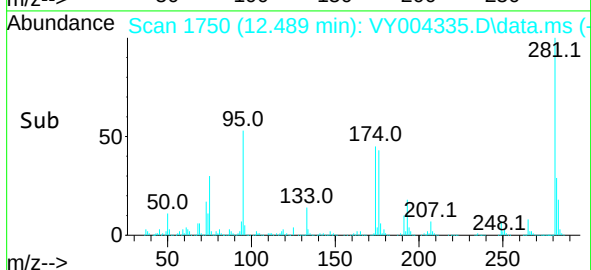
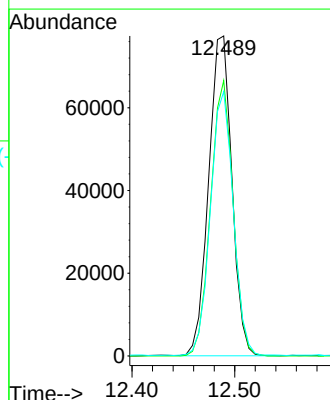
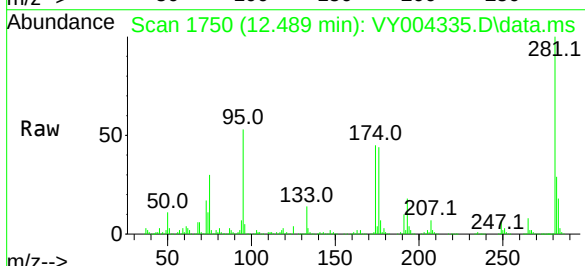
Instrument :
MSVOA_Y
ClientSampled :

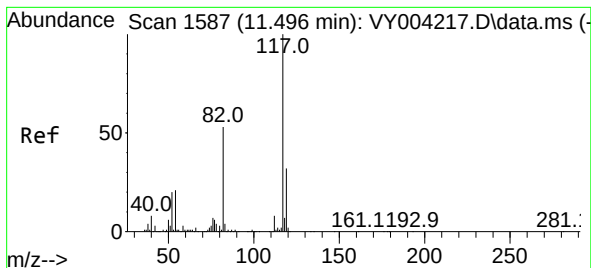
Tgt Ion: 43 Resp: 2019
Ion Ratio Lower Upper
43 100
58 176.2 30.6 45.8#



#62
4-Bromofluorobenzene
Concen: 53.41 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09

Tgt Ion: 95 Resp: 121297
Ion Ratio Lower Upper
95 100
174 83.3 0.0 171.4
176 81.4 0.0 165.6

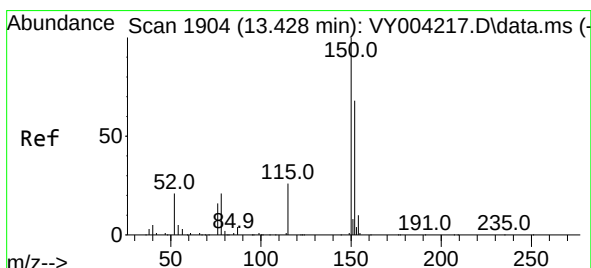
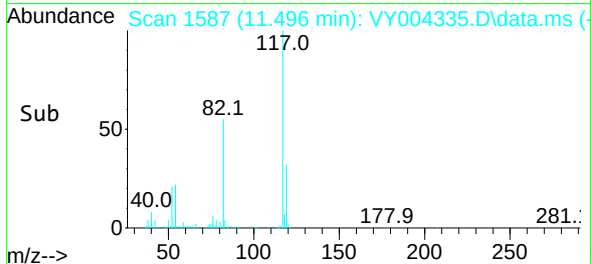
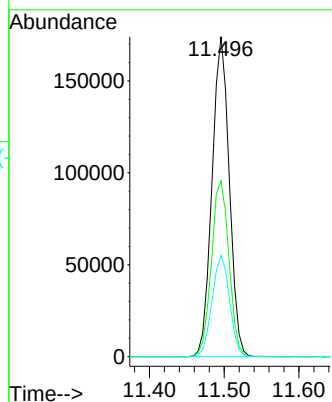
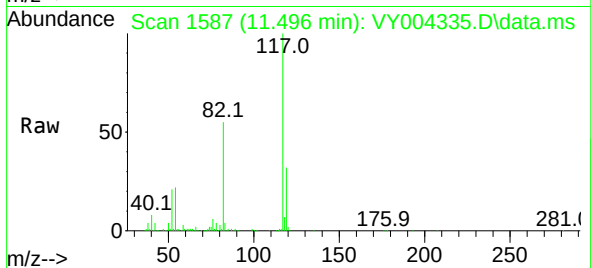




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09

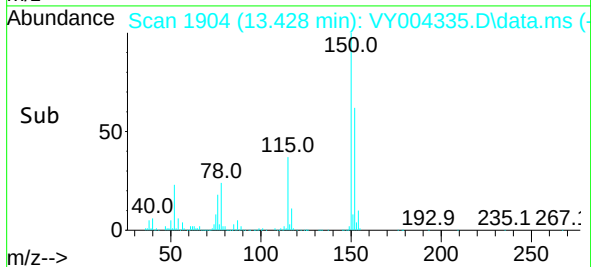
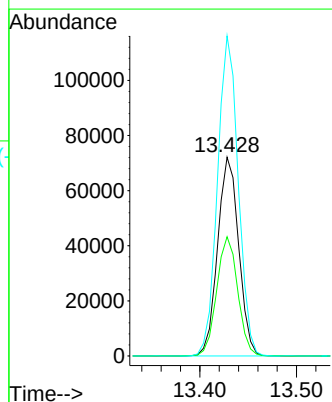
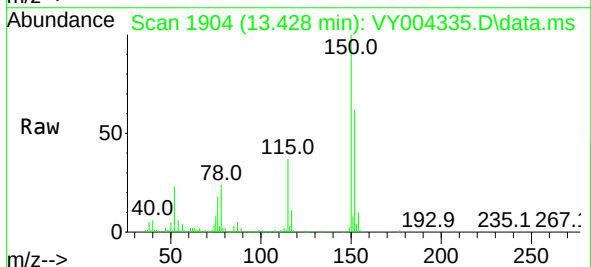
Instrument :
MSVOA_Y
ClientSampleId :

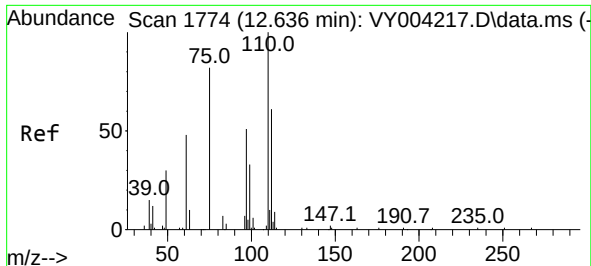
Tgt Ion:117 Resp: 278781
Ion Ratio Lower Upper
117 100
82 55.0 42.7 64.1
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09

Tgt Ion:152 Resp: 109094
Ion Ratio Lower Upper
152 100
115 59.8 29.0 87.1
150 158.2 0.0 347.4

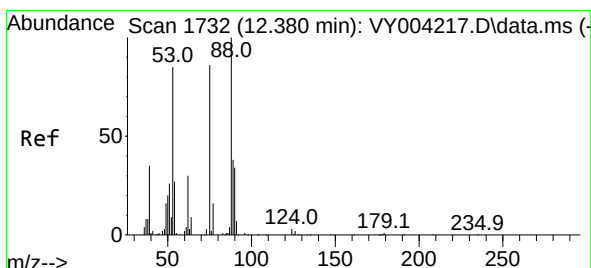
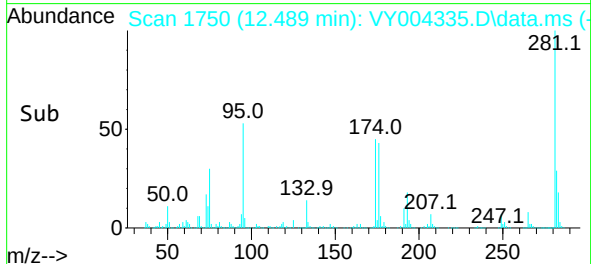
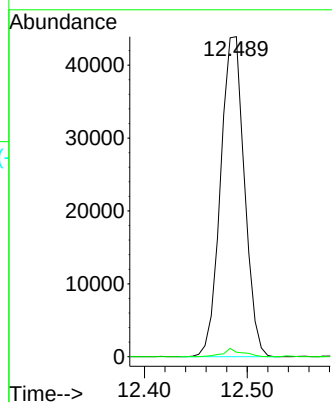
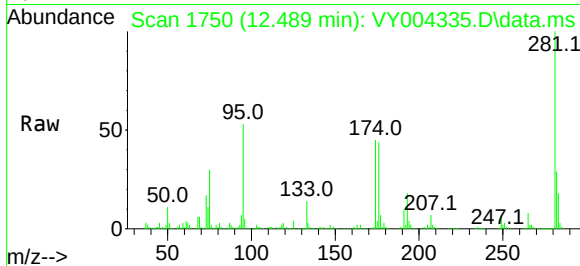




#76
1,2,3-Trichloropropane
Concen: 71.44 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09

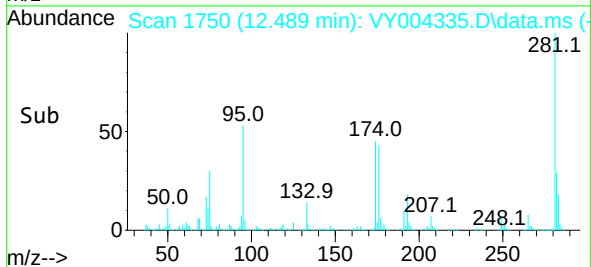
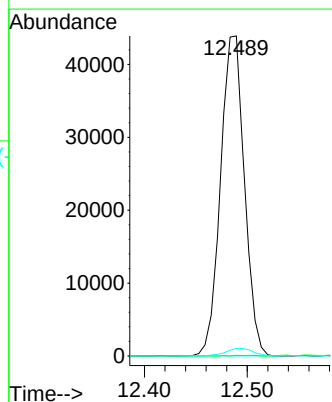
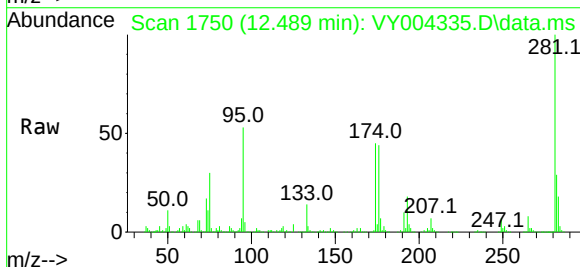
Instrument :
MSVOA_Y
ClientSampleId :

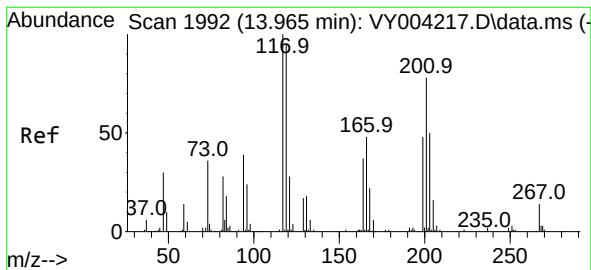
Tgt Ion: 75 Resp: 70773
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.67 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY004335.D
Acq: 08 Apr 2021 15:09

Tgt Ion: 75 Resp: 70773
Ion Ratio Lower Upper
75 100
53 0.2 79.3 118.9#
89 2.7 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.54 ug/l
 RT: 13.971 min Scan# 1993
 Delta R.T. 0.006 min
 Lab File: VY004335.D
 Acq: 08 Apr 2021 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:117 Resp: 195
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

