

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040521\
 Data File : VY004285.D
 Acq On : 05 Apr 2021 15:31
 Operator : SY/MD
 Sample : M1908-06
 Misc : 5.41g/5mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6(3.0-3.5)

Quant Time: Apr 06 00:59:16 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	190742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	310595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	258460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101937	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	112552	61.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.76%
35) Dibromofluoromethane	7.728	113	99947	57.75	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.50%
50) Toluene-d8	10.185	98	376892	57.90	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.80%
62) 4-Bromofluorobenzene	12.483	95	109767	49.20	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.40%

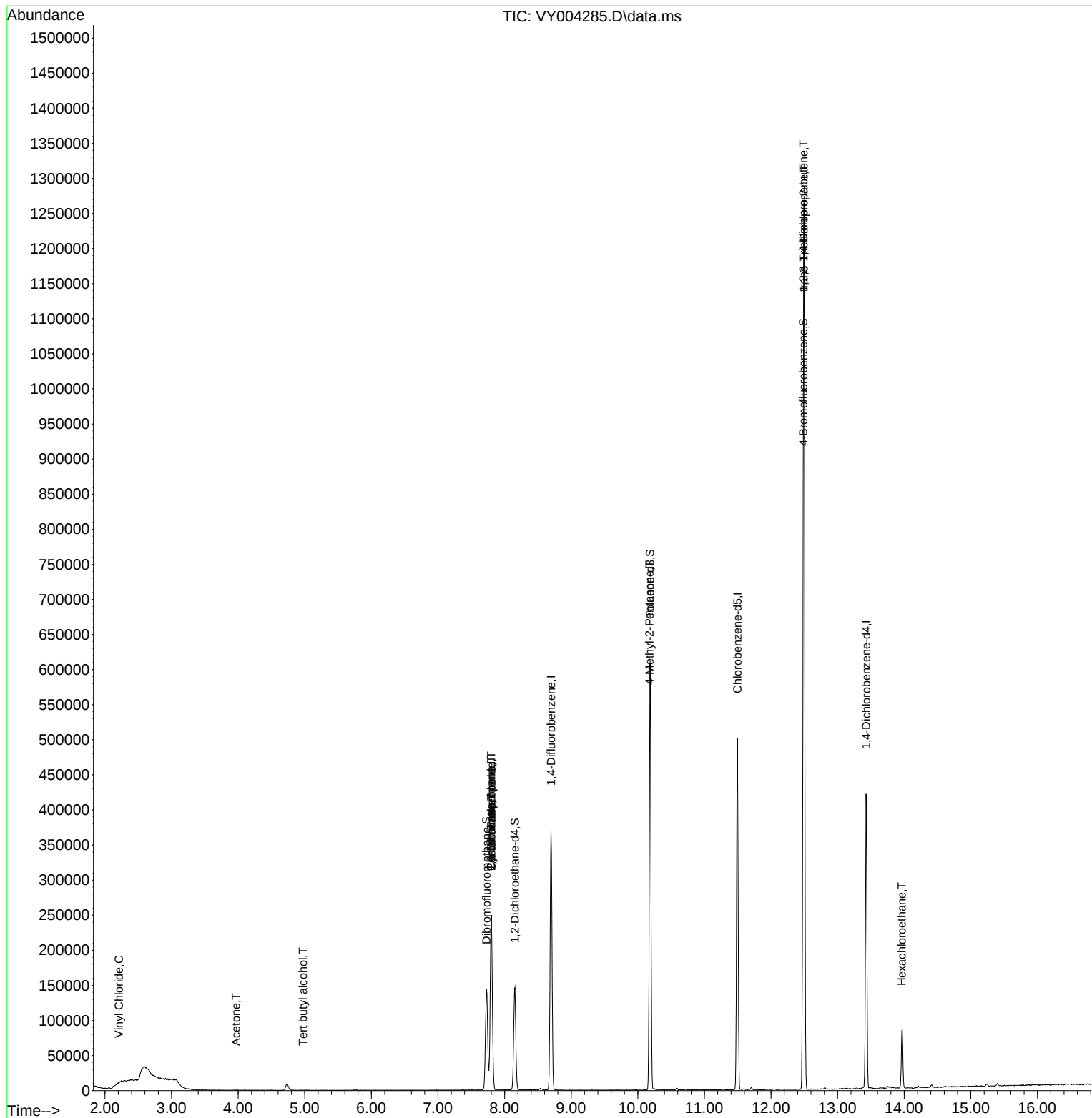
Target Compounds						Qvalue
4) Vinyl Chloride	2.211	62	6079	2.45	ug/l #	42
11) Tert butyl alcohol	4.972	59	526	3.53	ug/l #	71
16) Acetone	3.966	43	607	1.59	ug/l #	79
31) Cyclohexane	7.801	56	4386	1.35	ug/l #	7
36) 1,1-Dichloropropene	7.801	75	15005	5.29	ug/l #	49
38) Carbon Tetrachloride	7.801	117	18733	7.60	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1952	1.22	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	67766	73.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	67766	134.93	ug/l #	12
90) Hexachloroethane	13.965	117	112	7.44	ug/l #	12

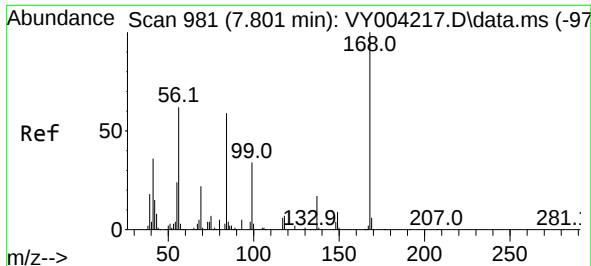
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040521\
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SB-6(3.0-3.5)

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
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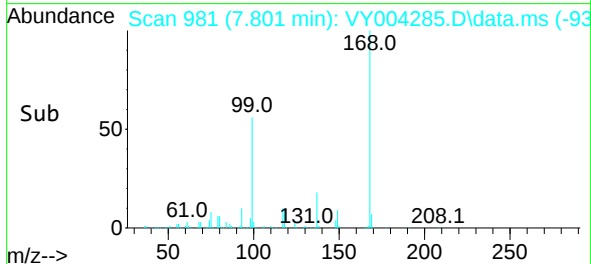
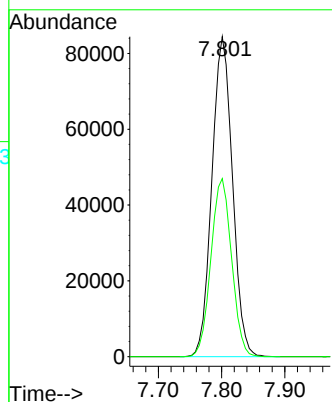
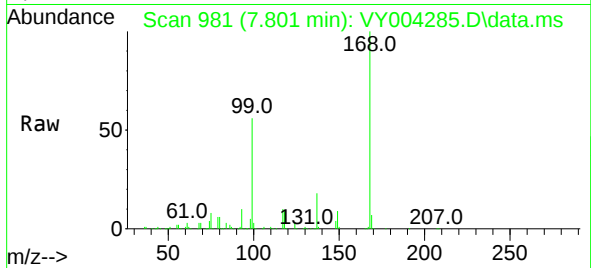




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004285.D
Acq: 05 Apr 2021 15:31

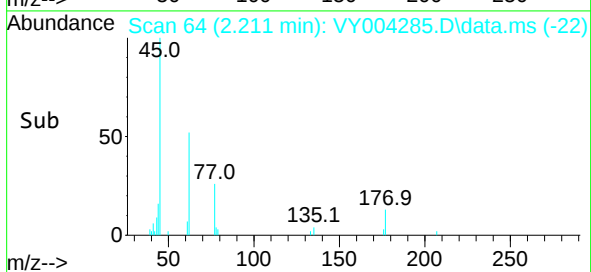
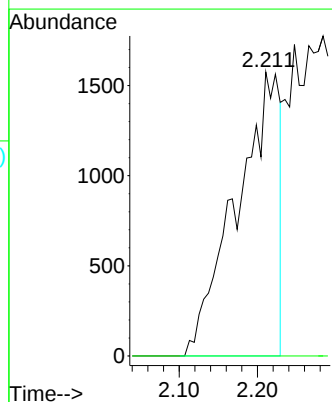
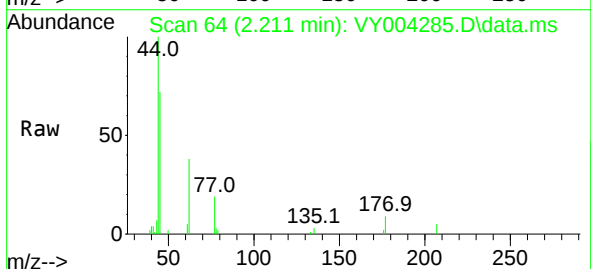
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(3.0-3.5)

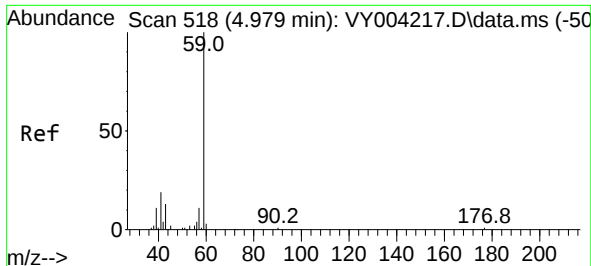
Tgt Ion:168 Resp: 190742
Ion Ratio Lower Upper
168 100
99 55.7 42.6 64.0



#4
Vinyl Chloride
Concen: 2.45 ug/l
RT: 2.211 min Scan# 64
Delta R.T. -0.043 min
Lab File: VY004285.D
Acq: 05 Apr 2021 15:31

Tgt Ion: 62 Resp: 6079
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#





#11

Tert butyl alcohol

Concen: 3.53 ug/l

RT: 4.972 min Scan# 517

Delta R.T. -0.006 min

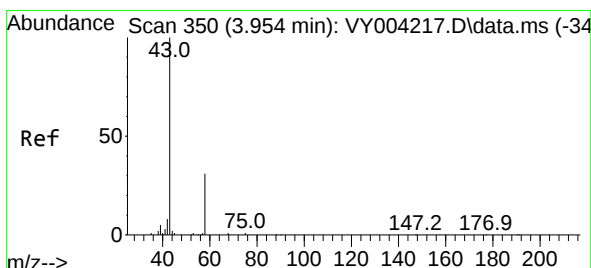
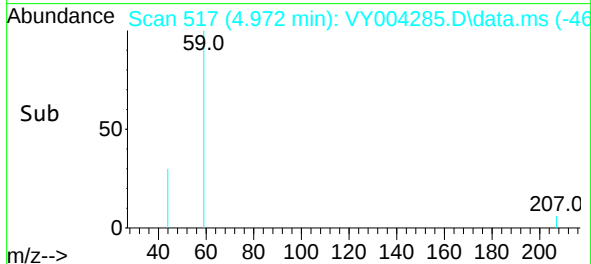
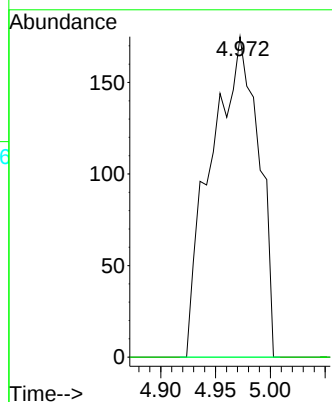
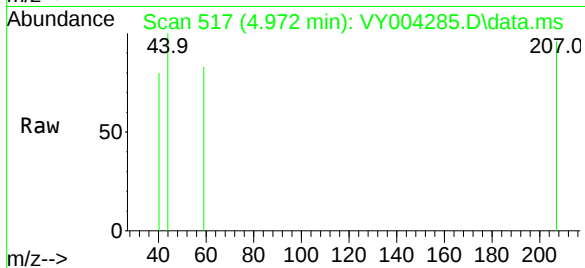
Lab File: VY004285.D

Acq: 05 Apr 2021 15:31

Tgt Ion: 59 Resp: 526

Ion Ratio Lower Upper

59 100
57 0.0 8.9 13.3#



#16

Acetone

Concen: 1.59 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.012 min

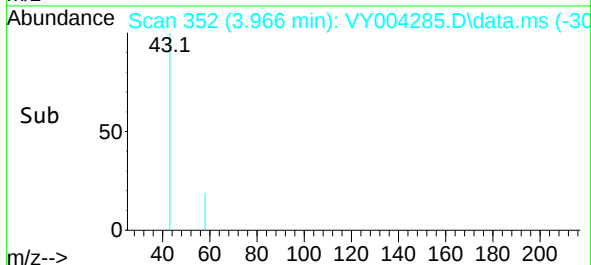
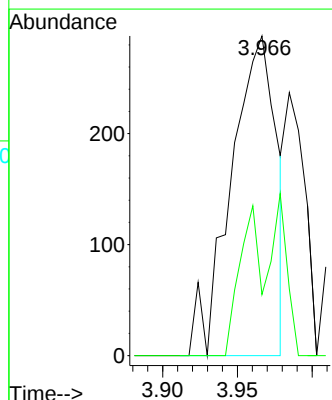
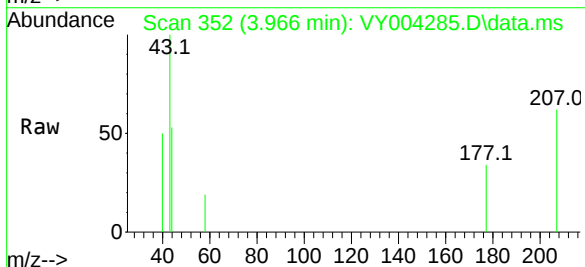
Lab File: VY004285.D

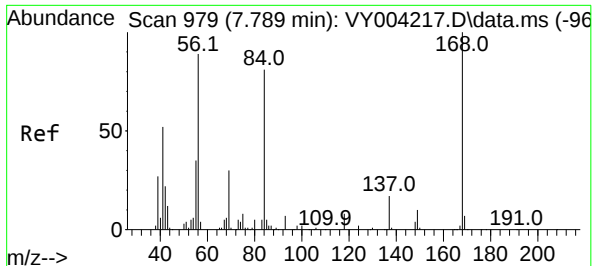
Acq: 05 Apr 2021 15:31

Tgt Ion: 43 Resp: 607

Ion Ratio Lower Upper

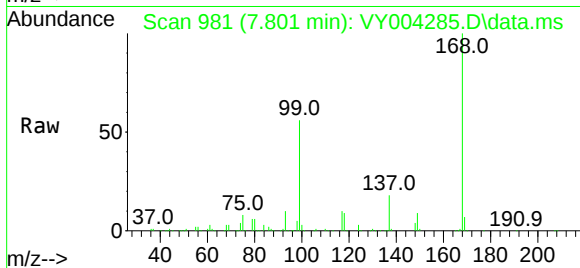
43 100
58 19.1 24.5 36.7#



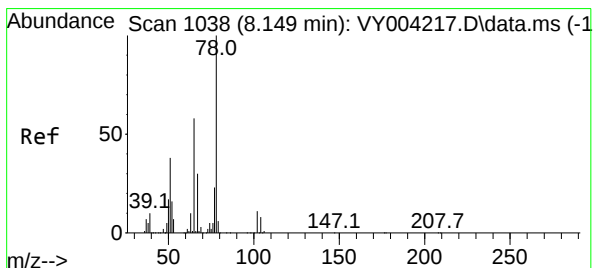
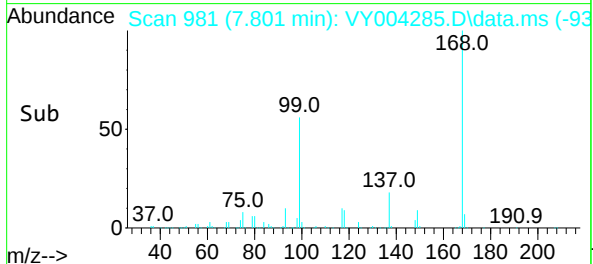
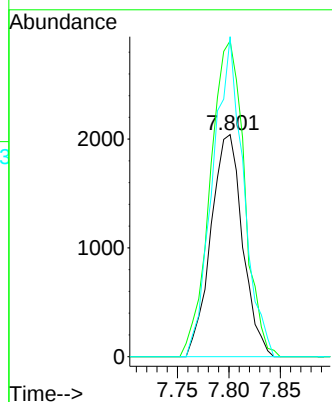


#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004285.D
Acq: 05 Apr 2021 15:31

Instrument :
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SB-6(3.0-3.5)

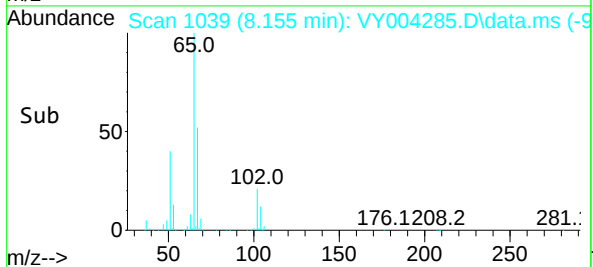
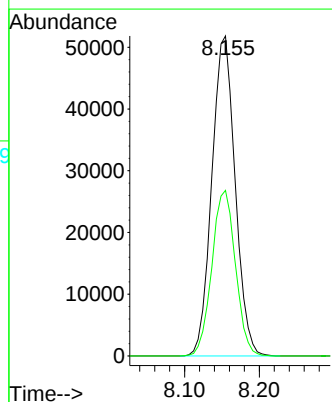
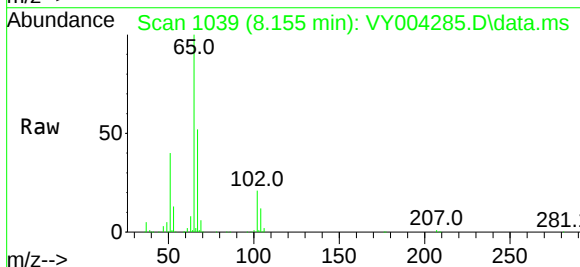


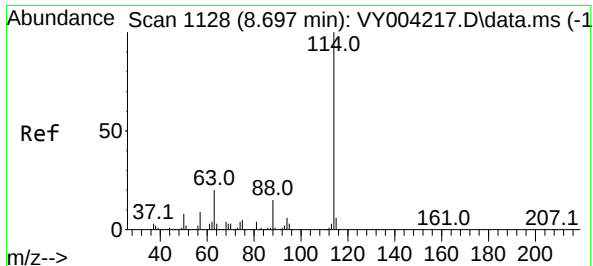
Tgt Ion: 56 Resp: 4386
Ion Ratio Lower Upper
56 100
69 142.2 26.6 40.0#
84 144.1 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 61.38 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004285.D
Acq: 05 Apr 2021 15:31

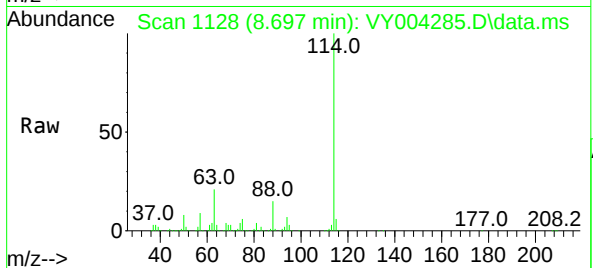
Tgt Ion: 65 Resp: 112552
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.2



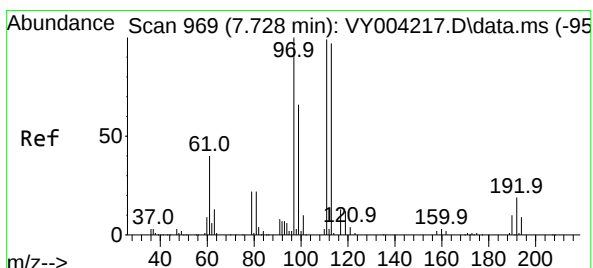
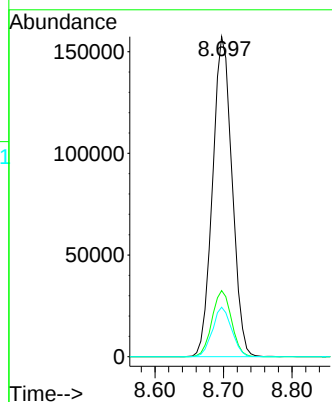
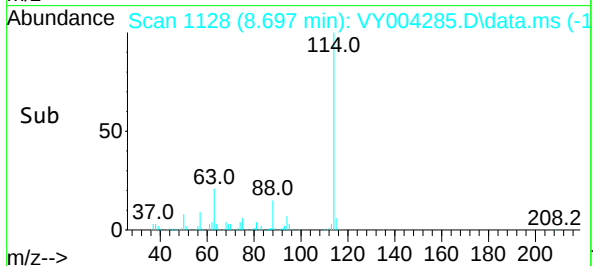


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004285.D
Acq: 05 Apr 2021 15:31

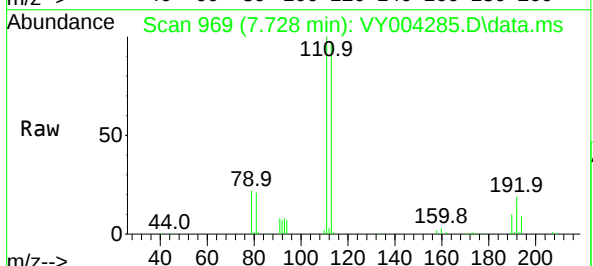
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MSVOA_Y
ClientSampleId :
SB-6(3.0-3.5)



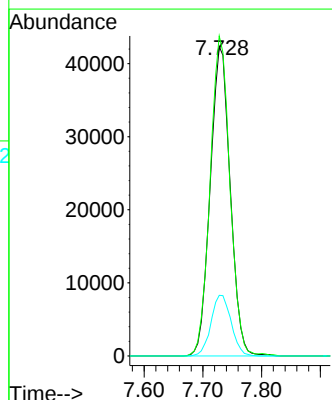
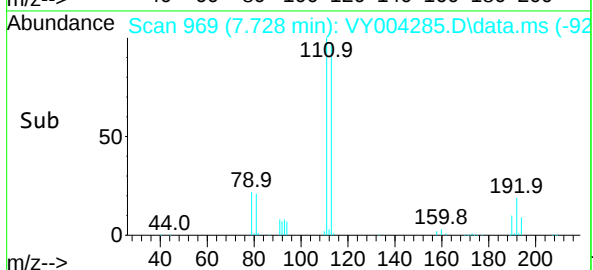
Tgt Ion:	114	Resp:	310595
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	40.4
88	15.5	0.0	30.8

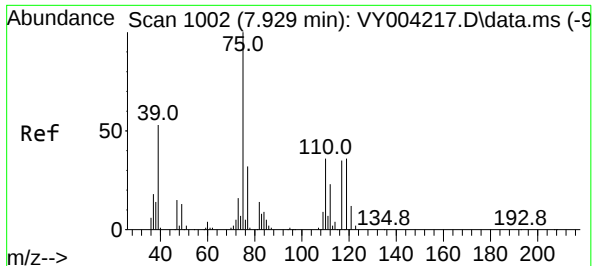


#35
Dibromofluoromethane
Concen: 57.75 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004285.D
Acq: 05 Apr 2021 15:31



Tgt Ion:	113	Resp:	99947
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.6	124.0
192	19.7	16.4	24.6

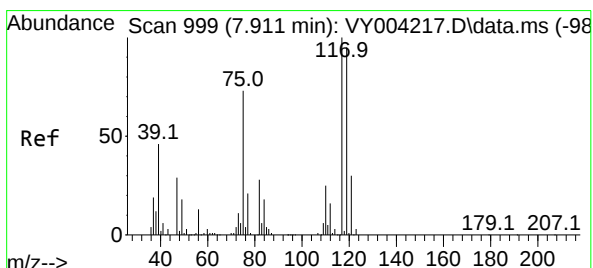
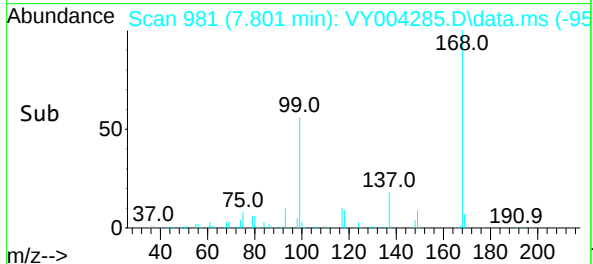
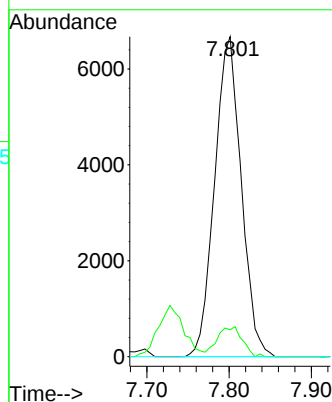
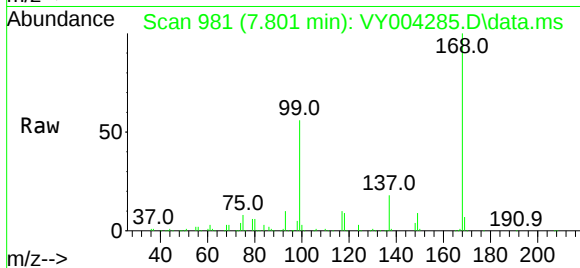




#36
1,1-Dichloropropene
Concen: 5.29 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004285.D
Acq: 05 Apr 2021 15:31

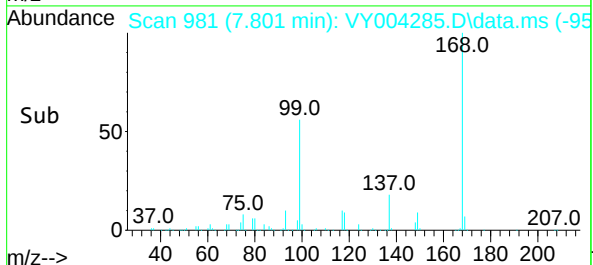
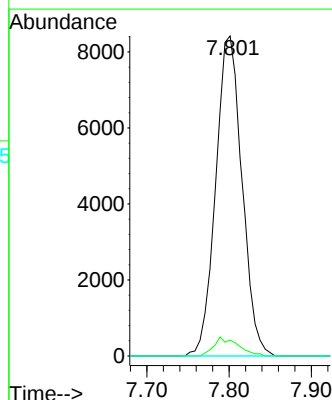
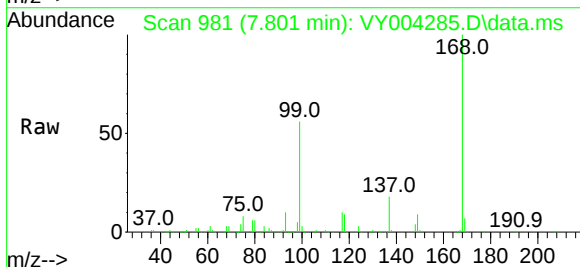
Instrument :
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ClientSampleId :
SB-6(3.0-3.5)

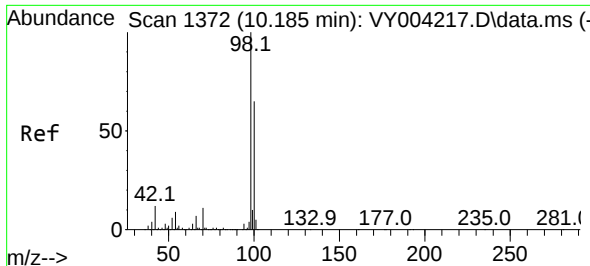
Tgt Ion: 75	Resp: 15005
Ion Ratio	Lower Upper
75 100	
110 8.8	18.1 54.3#
77 0.0	25.1 37.7#



#38
Carbon Tetrachloride
Concen: 7.60 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004285.D
Acq: 05 Apr 2021 15:31

Tgt Ion: 117	Resp: 18733
Ion Ratio	Lower Upper
117 100	
119 4.9	75.6 113.4#
121 0.0	24.3 36.5#

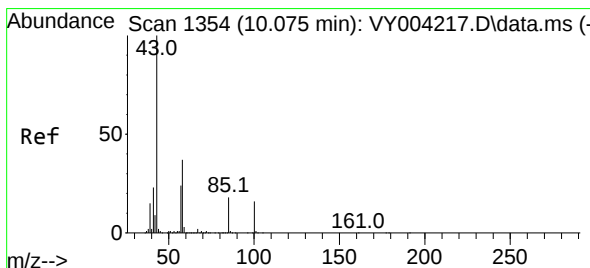
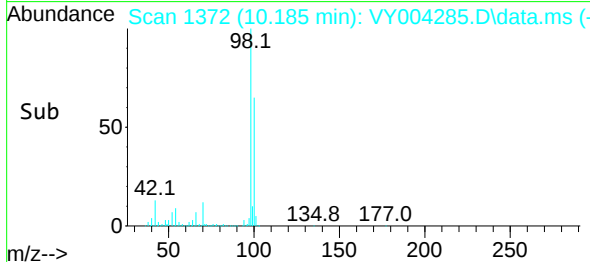
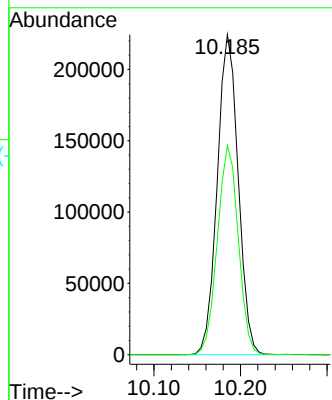
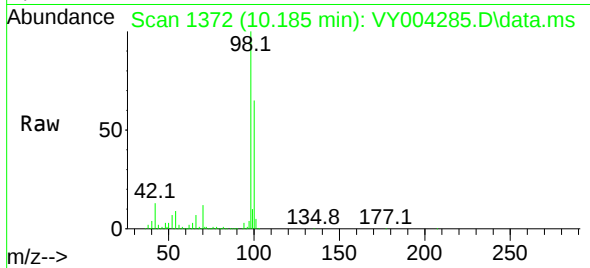




#50
Toluene-d8
Concen: 57.90 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004285.D
Acq: 05 Apr 2021 15:31

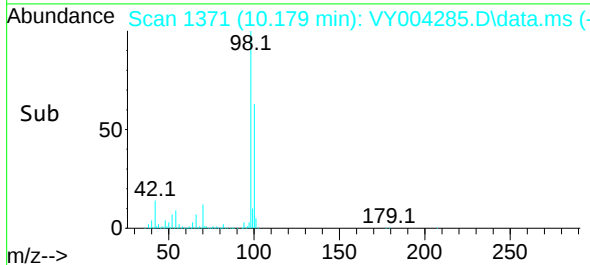
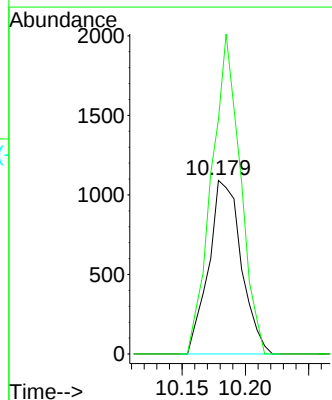
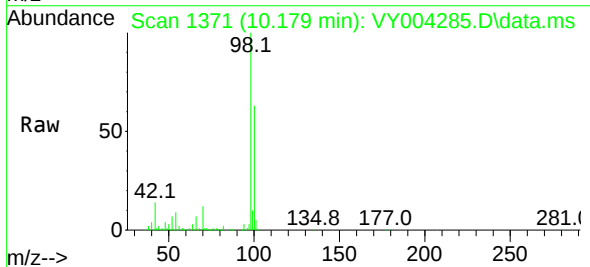
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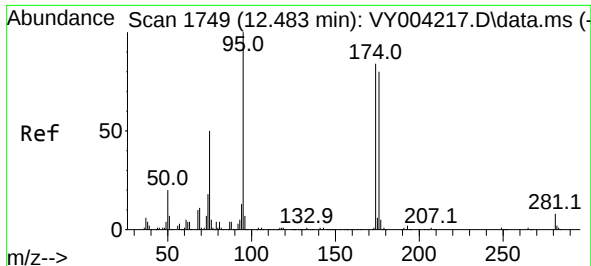
Tgt Ion: 98 Resp: 376892
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.22 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY004285.D
Acq: 05 Apr 2021 15:31

Tgt Ion: 43 Resp: 1952
Ion Ratio Lower Upper
43 100
58 162.9 30.6 45.8#

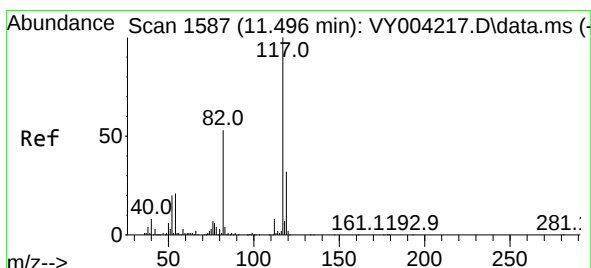
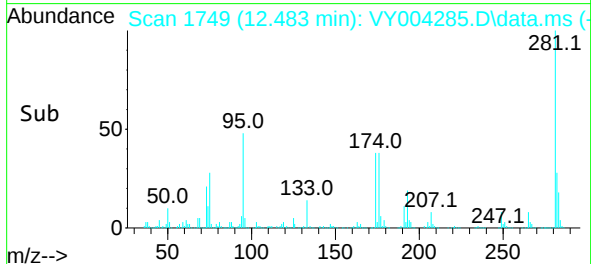
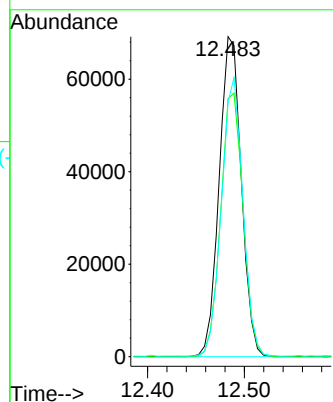
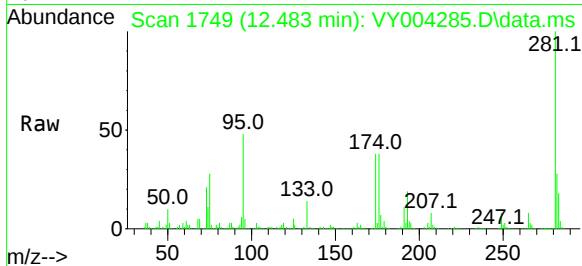




#62
4-Bromofluorobenzene
Concen: 49.20 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004285.D
Acq: 05 Apr 2021 15:31

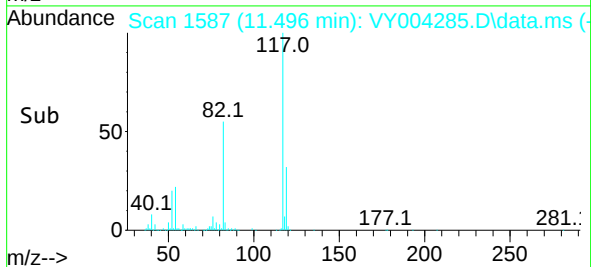
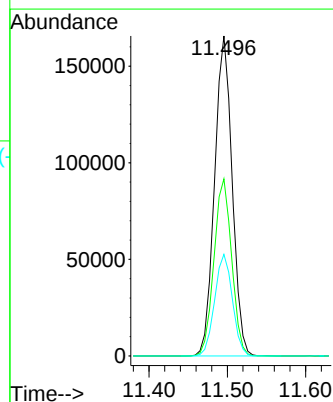
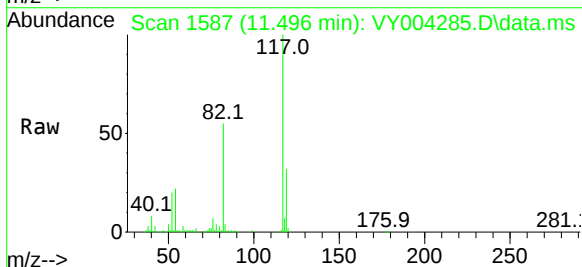
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SB-6(3.0-3.5)

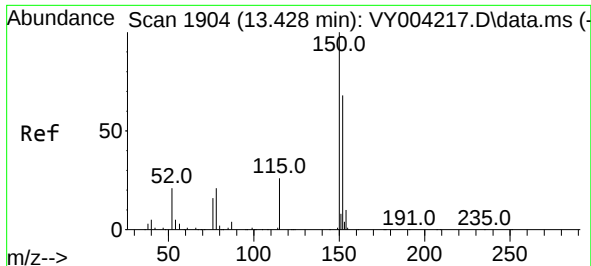
Tgt Ion: 95 Resp: 109767
Ion Ratio Lower Upper
95 100
174 83.2 0.0 171.4
176 84.4 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004285.D
Acq: 05 Apr 2021 15:31

Tgt Ion: 117 Resp: 258460
Ion Ratio Lower Upper
117 100
82 55.4 42.7 64.1
119 31.7 25.7 38.5

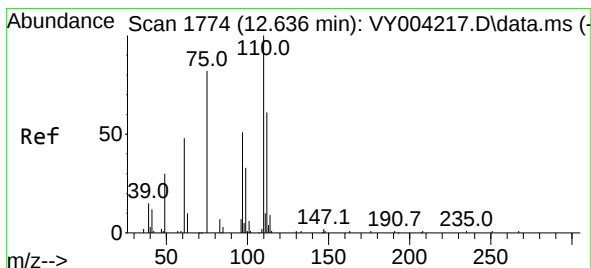
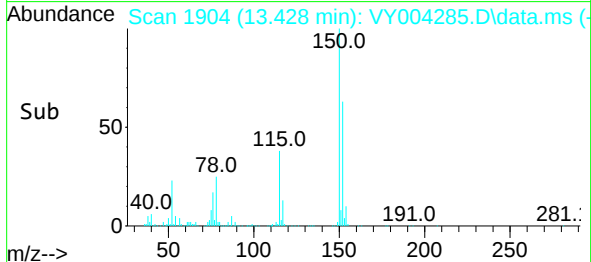
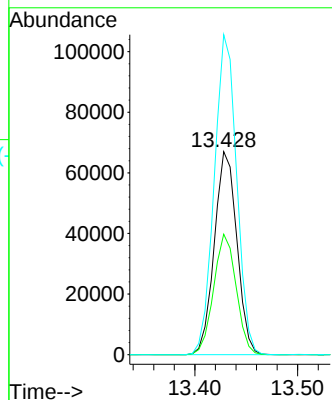
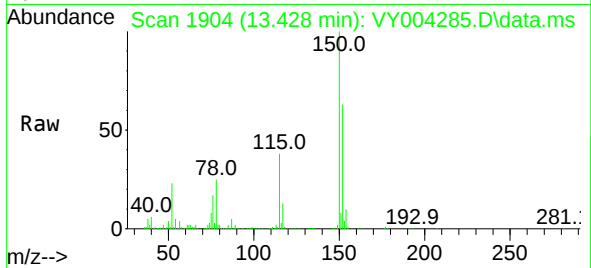




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004285.D
 Acq: 05 Apr 2021 15:31

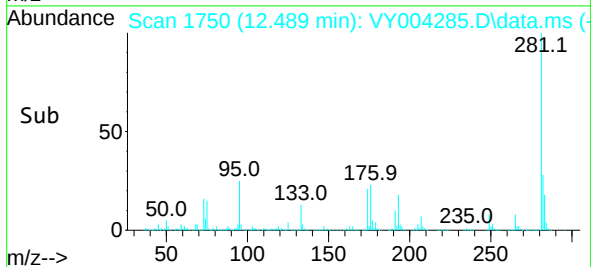
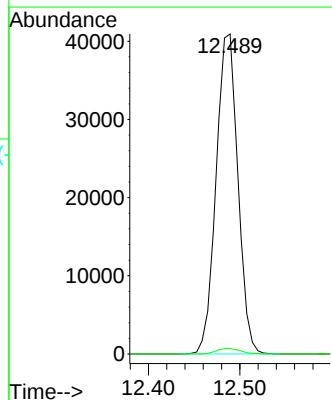
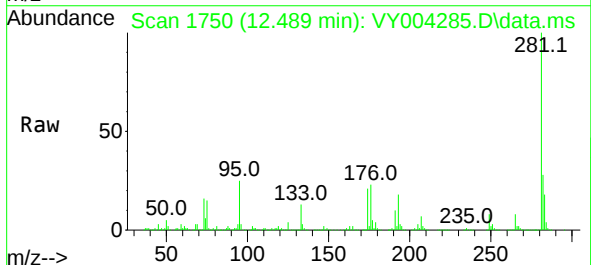
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6(3.0-3.5)

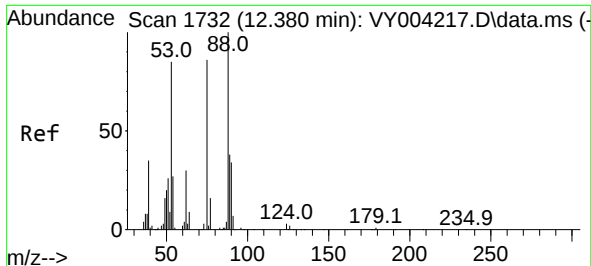
Tgt Ion:152 Resp: 101937
 Ion Ratio Lower Upper
 152 100
 115 59.3 29.0 87.1
 150 156.7 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 73.21 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY004285.D
 Acq: 05 Apr 2021 15:31

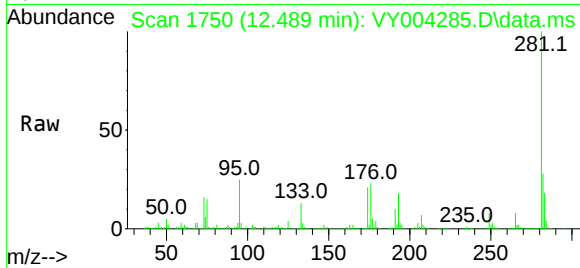
Tgt Ion: 75 Resp: 67766
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#



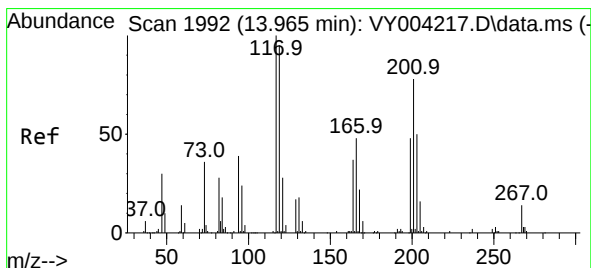
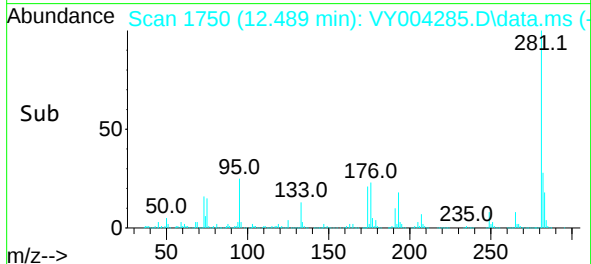
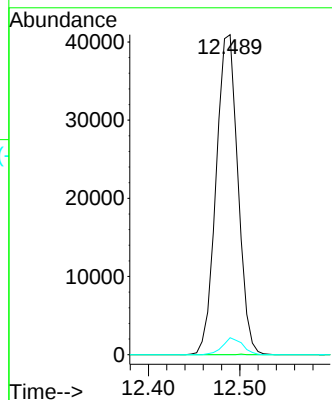


#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.93 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. 0.110 min
 Lab File: VY004285.D
 Acq: 05 Apr 2021 15:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6(3.0-3.5)



Tgt Ion: 75 Resp: 67766
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.3 118.9#
 89 4.9 39.4 59.2#



#90
 Hexachloroethane
 Concen: 7.44 ug/l
 RT: 13.965 min Scan# 1992
 Delta R.T. -0.000 min
 Lab File: VY004285.D
 Acq: 05 Apr 2021 15:31

Tgt Ion: 117 Resp: 112
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

