

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004355.D
 Acq On : 09 Apr 2021 14:12
 Operator : SY/MD
 Sample : M1975-01RE
 Misc : 5.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200032

Quant Time: Apr 10 02:02:21 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)

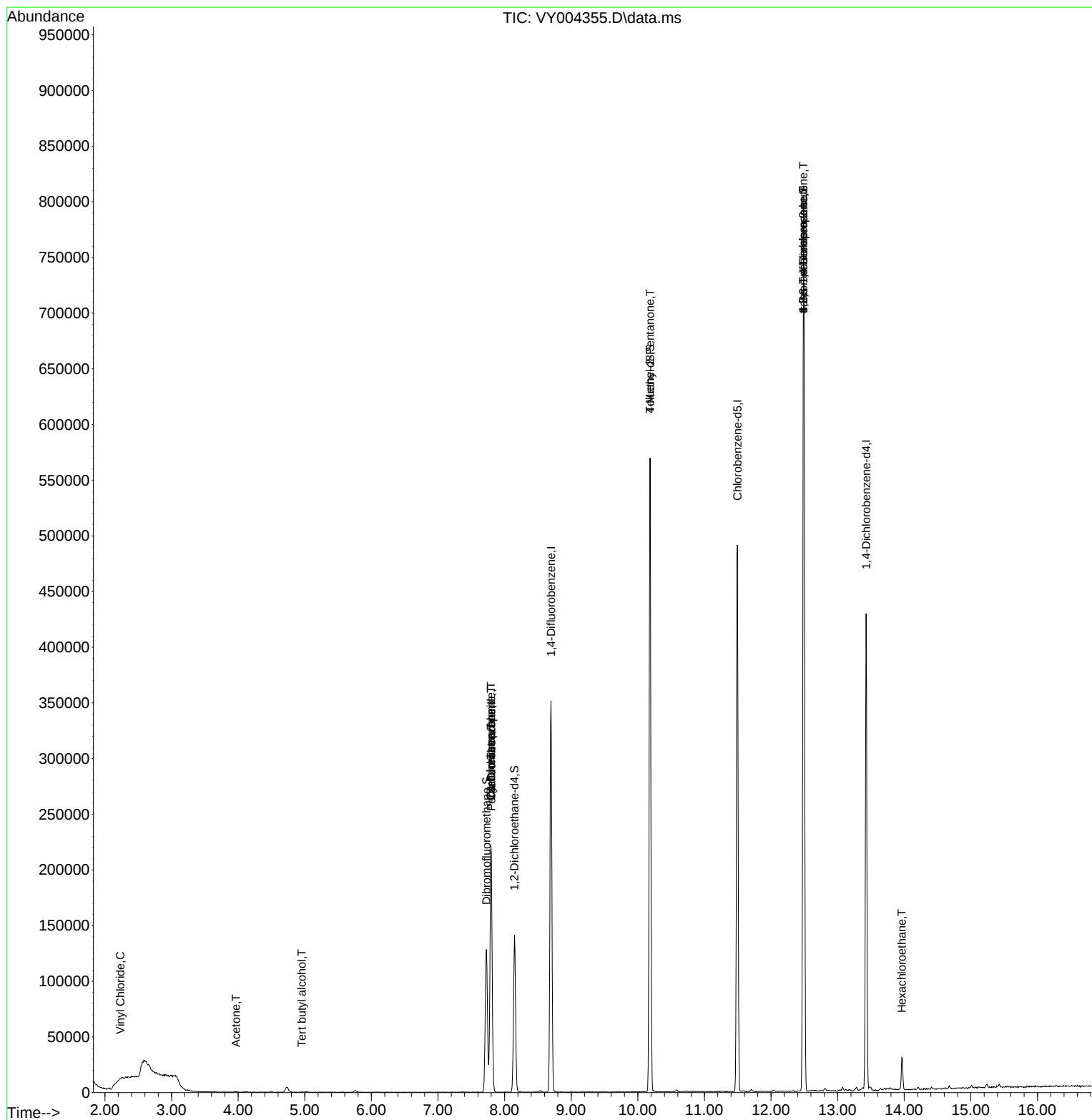
Internal Standards						
1) Pentafluorobenzene	7.801	168	167665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	291870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	261242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106260	65.93	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.86%			
35) Dibromofluoromethane	7.728	113	90108	55.41	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.82%			
50) Toluene-d8	10.185	98	355623	58.14	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.28%			
62) 4-Bromofluorobenzene	12.483	95	111827	53.34	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.68%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.229	62	6513	2.98	ug/l #	42
11) Tert butyl alcohol	4.954	59	460	3.51	ug/l #	71
13) Acrolein	3.759	56	18	Below Cal	#	34
16) Acetone	3.966	43	1049	3.12	ug/l #	77
20) Methylene Chloride	4.735	84	3438	Below Cal		90
31) Cyclohexane	7.795	56	3999	1.40	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	13687	5.14	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16957	7.32	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1774	1.18	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	66063	70.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66063	130.04	ug/l #	11
90) Hexachloroethane	13.965	117	19	7.31	ug/l #	12

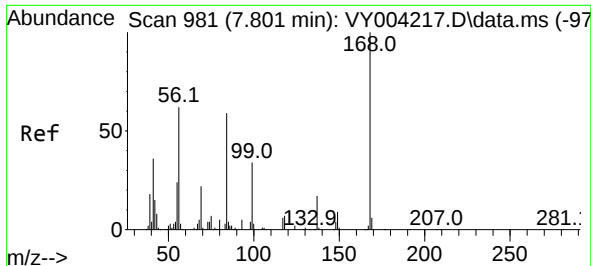
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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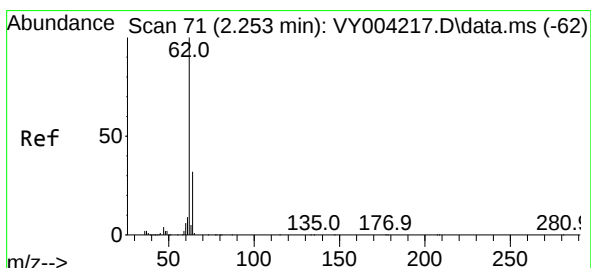
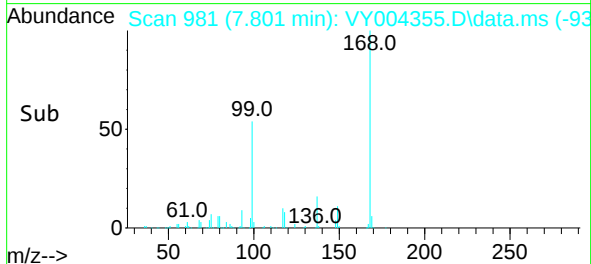
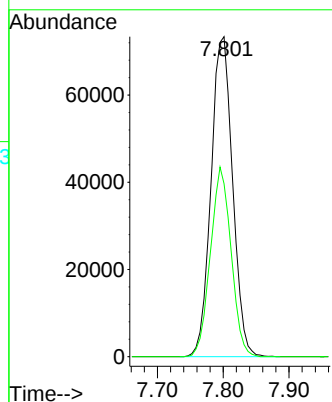
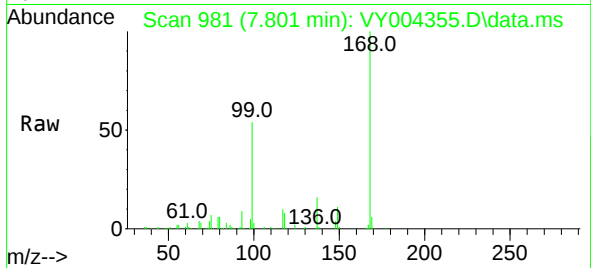




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

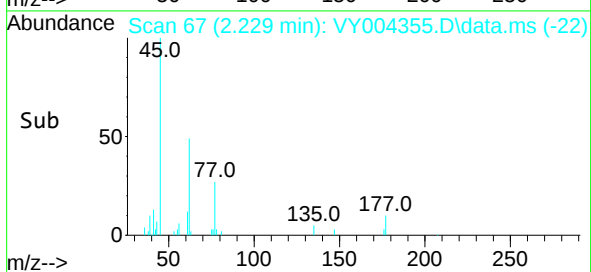
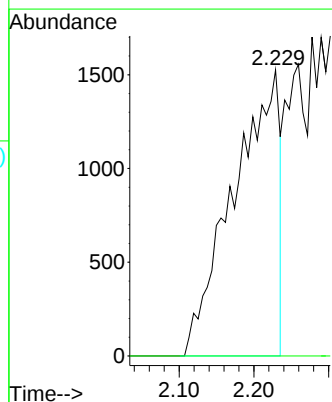
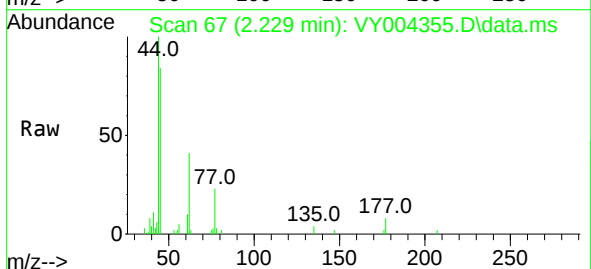
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200032

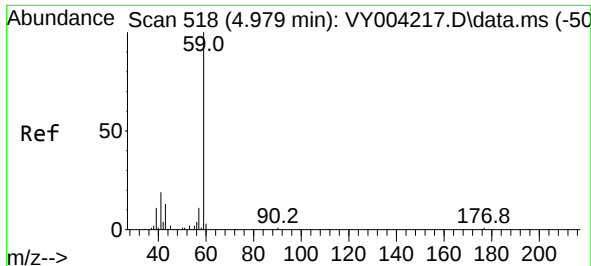
Tgt Ion:168 Resp: 167665
Ion Ratio Lower Upper
168 100
99 54.1 42.6 64.0



#4
Vinyl Chloride
Concen: 2.98 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.024 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

Tgt Ion: 62 Resp: 6513
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



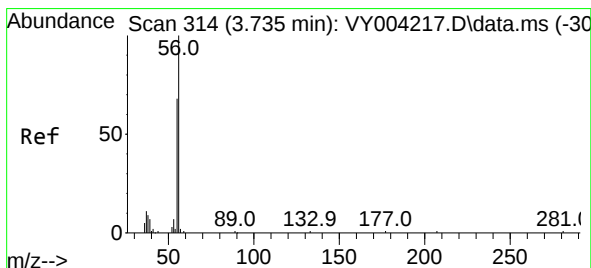
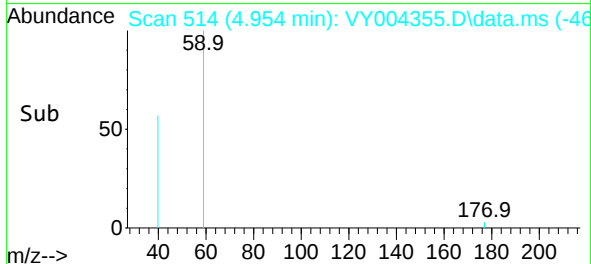
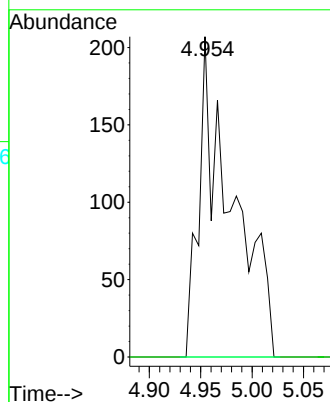
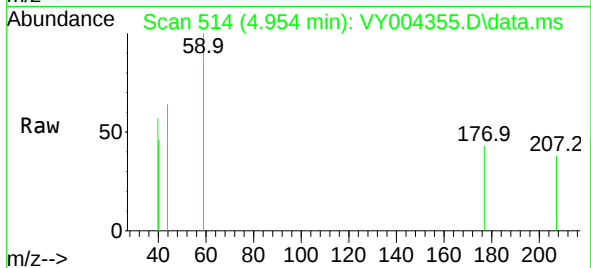


#11

Tert butyl alcohol
Concen: 3.51 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200032

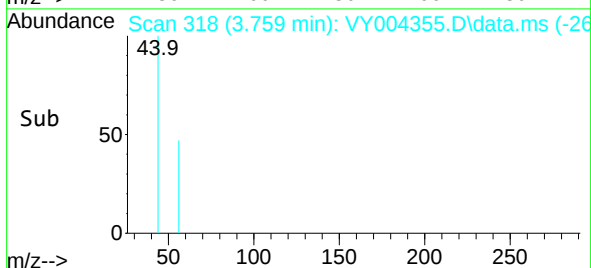
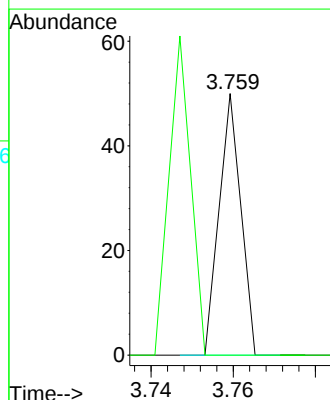
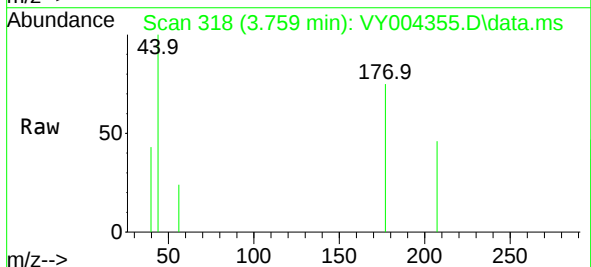
Tgt Ion: 59 Resp: 460
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

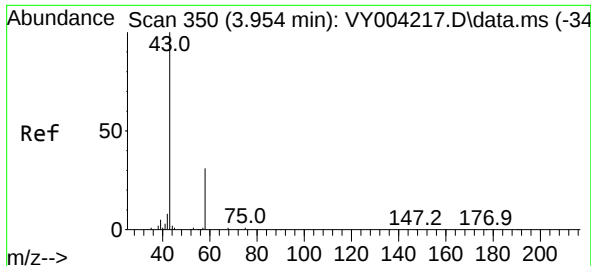


#13

Acrolein
Concen: Below Cal
RT: 3.759 min Scan# 318
Delta R.T. 0.024 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

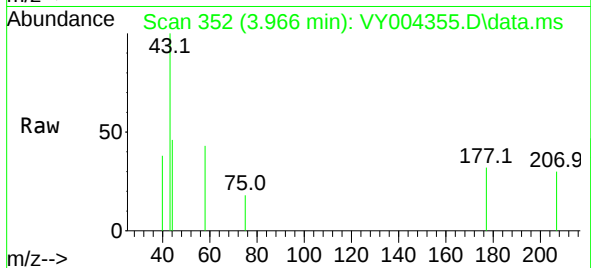
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 122.2 55.0 82.4#



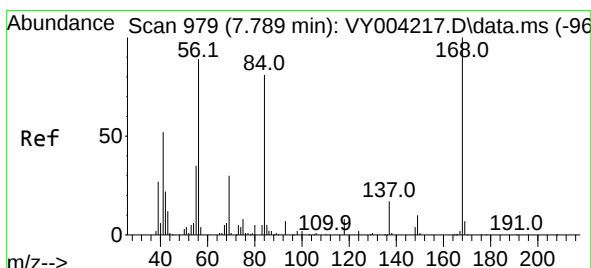
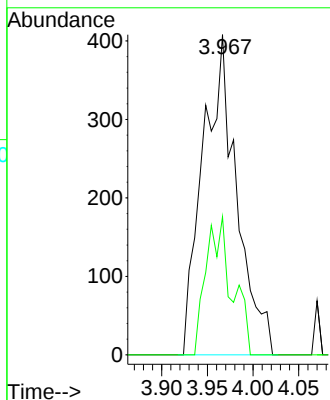
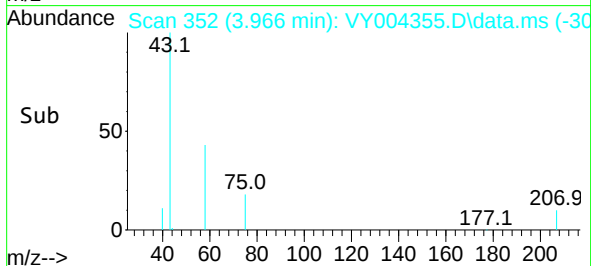


#16
Acetone
Concen: 3.12 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

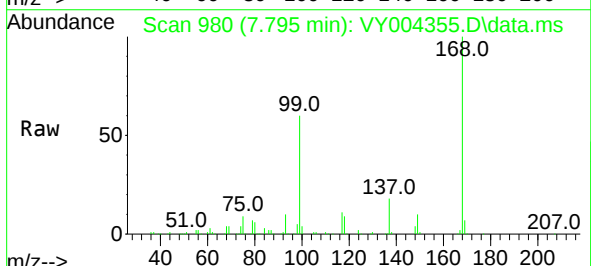
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200032



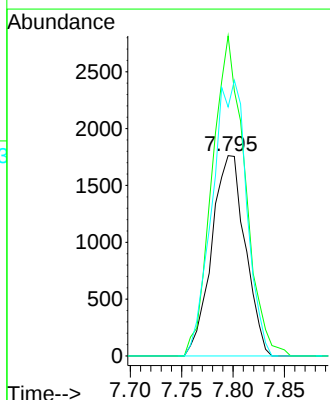
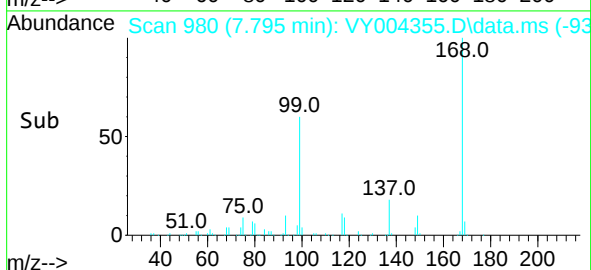
Tgt Ion: 43 Resp: 1049
Ion Ratio Lower Upper
43 100
58 43.1 24.5 36.7#

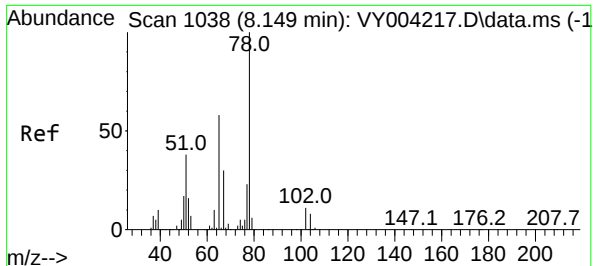


#31
Cyclohexane
Concen: 1.40 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12



Tgt Ion: 56 Resp: 3999
Ion Ratio Lower Upper
56 100
69 159.8 26.6 40.0#
84 124.3 72.3 108.5#

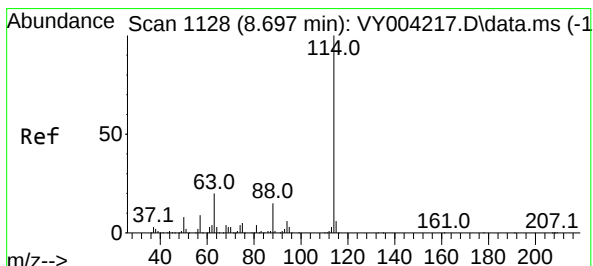
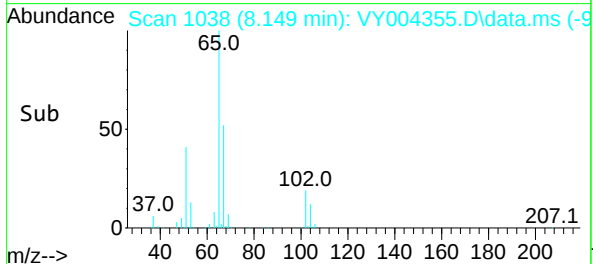
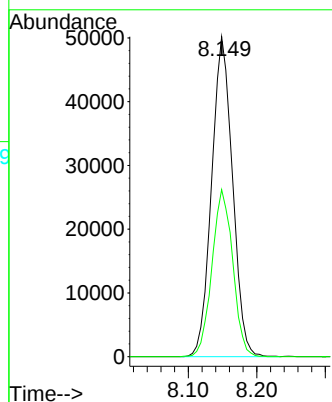
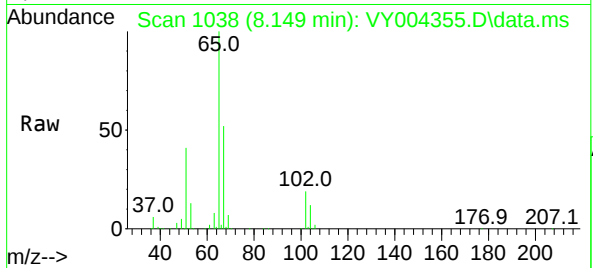




#33
 1,2-Dichloroethane-d4
 Concen: 65.93 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY004355.D
 Acq: 09 Apr 2021 14:12

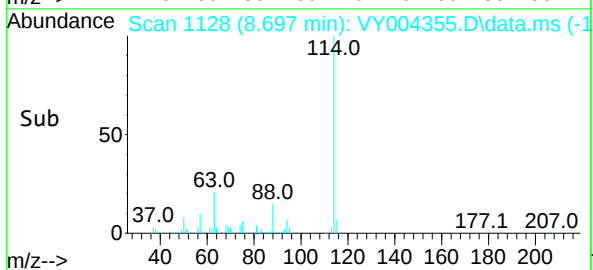
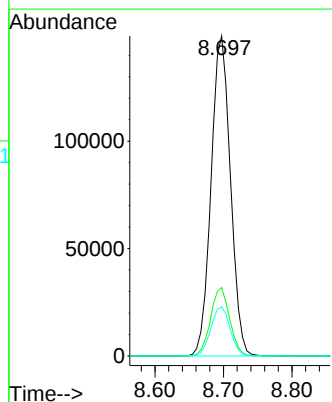
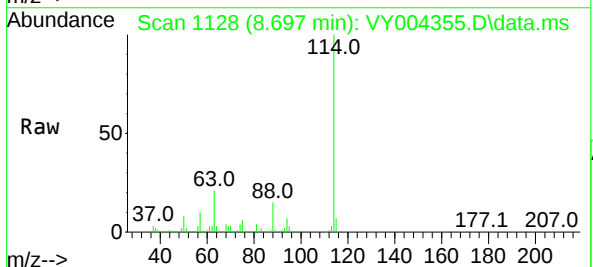
Instrument :
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 ClientSampleId :
 RBR-200032

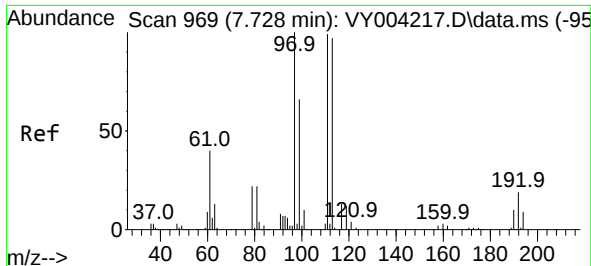
Tgt Ion: 65 Resp: 106260
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004355.D
 Acq: 09 Apr 2021 14:12

Tgt Ion: 114 Resp: 291870
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.4
 88 15.3 0.0 30.8

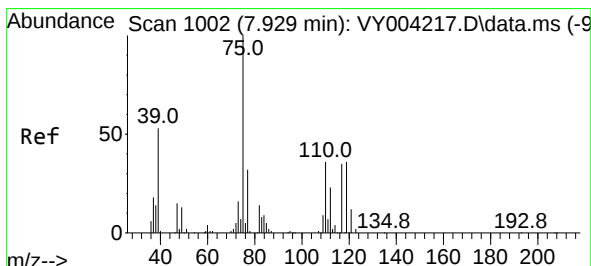
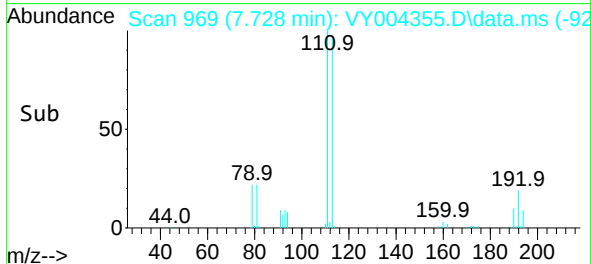
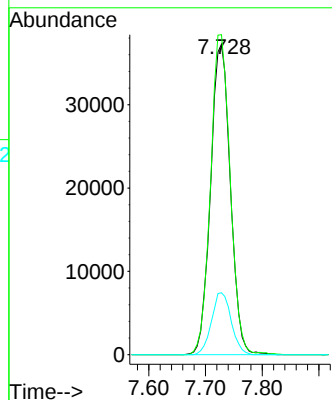
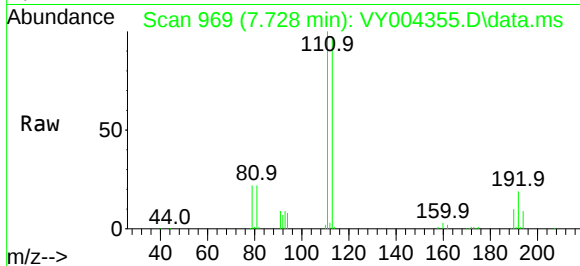




#35
Dibromofluoromethane
Concen: 55.41 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

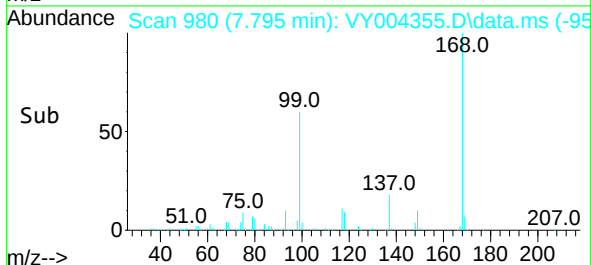
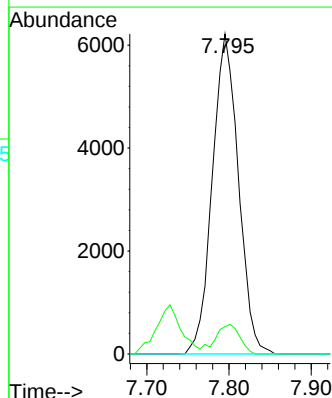
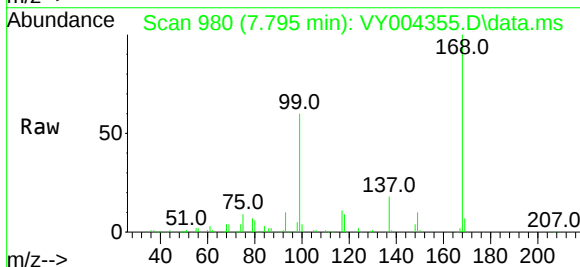
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ClientSampleId :
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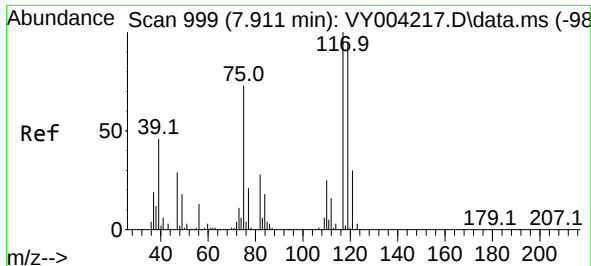
Tgt Ion:	113	Resp:	90108
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	19.9	16.4	24.6



#36
1,1-Dichloropropene
Concen: 5.14 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

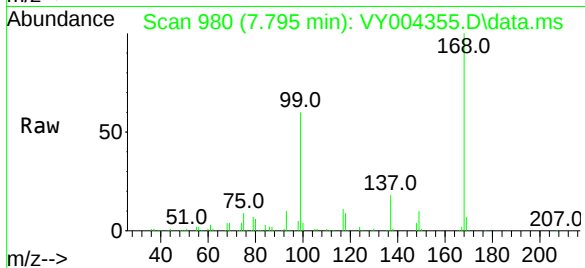
Tgt Ion:	75	Resp:	13687
Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.3#
77	0.0	25.1	37.7#



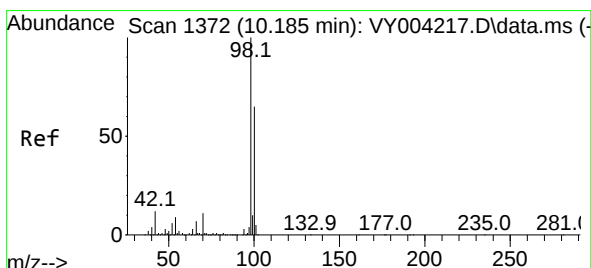
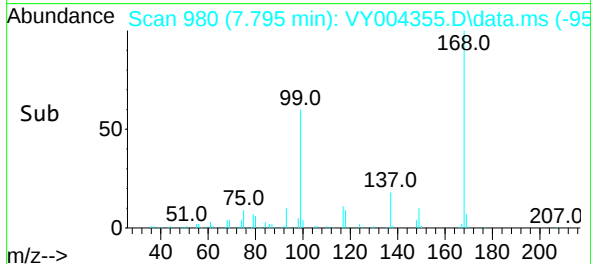
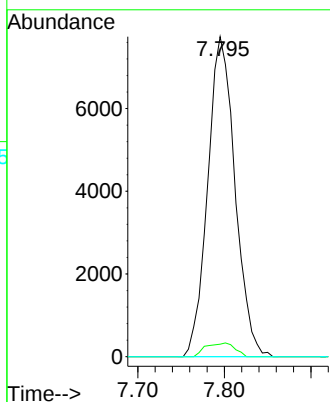


#38
Carbon Tetrachloride
Concen: 7.32 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

Instrument :
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ClientSampleId :
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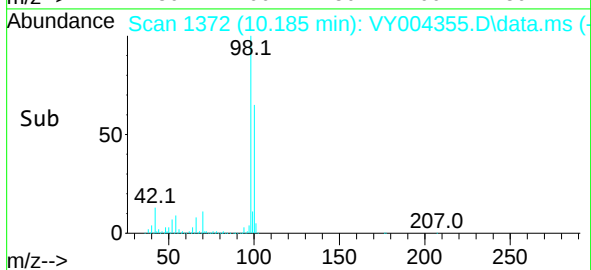
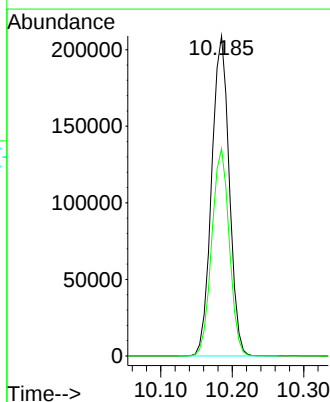
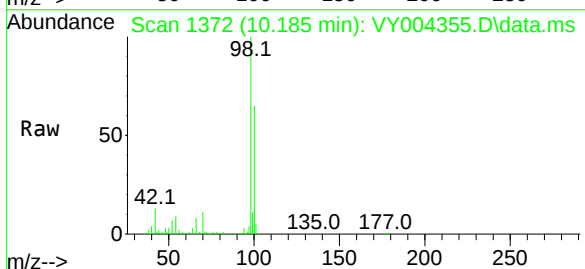


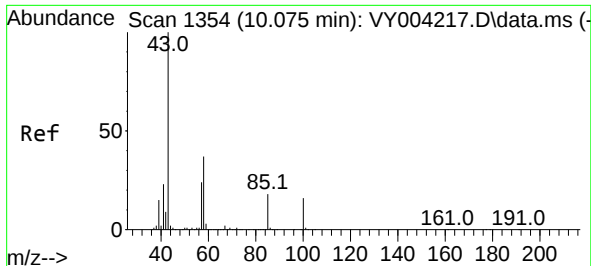
Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	75.6	113.4#
121	0.0	24.3	36.5#



#50
Toluene-d8
Concen: 58.14 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.5	78.7

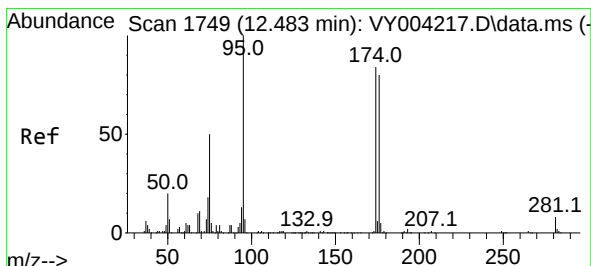
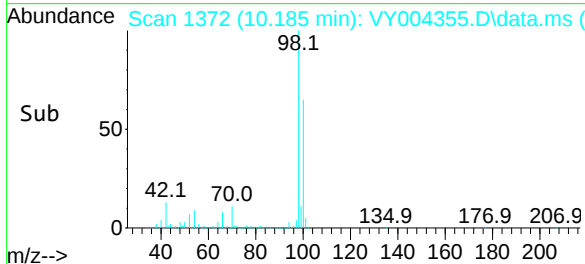
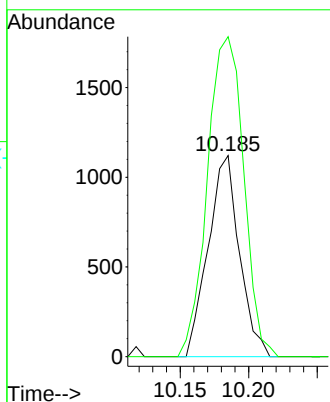
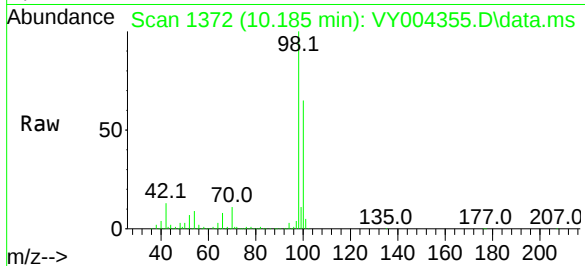




#51
4-Methyl-2-Pentanone
Concen: 1.18 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

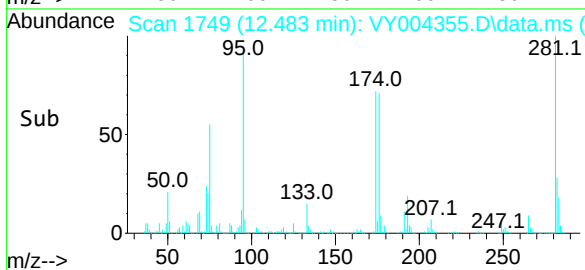
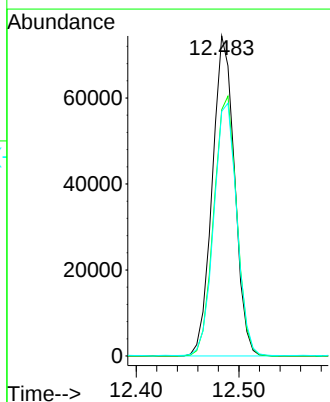
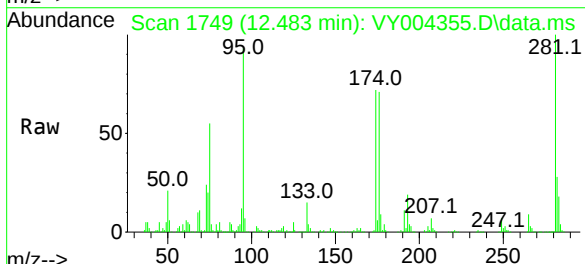
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200032

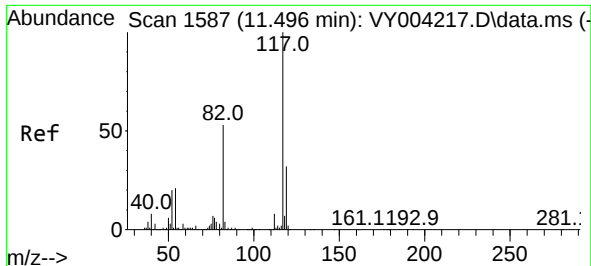
Tgt Ion: 43 Resp: 1774
Ion Ratio Lower Upper
43 100
58 184.8 30.6 45.8#



#62
4-Bromofluorobenzene
Concen: 53.34 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

Tgt Ion: 95 Resp: 111827
Ion Ratio Lower Upper
95 100
174 83.3 0.0 171.4
176 81.5 0.0 165.6

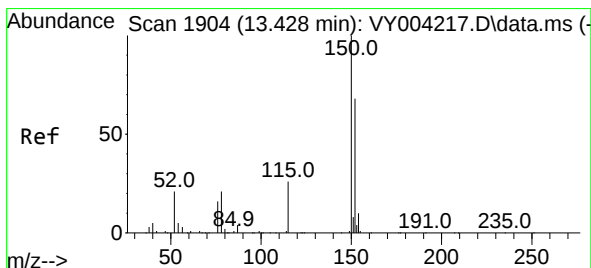
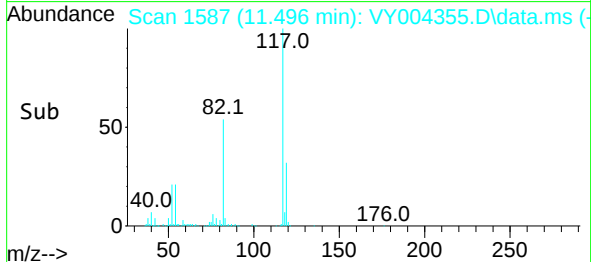
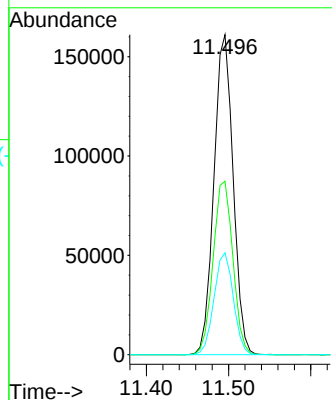
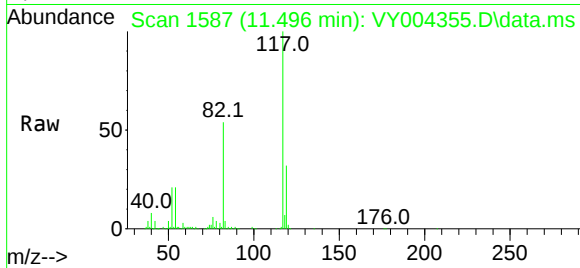




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

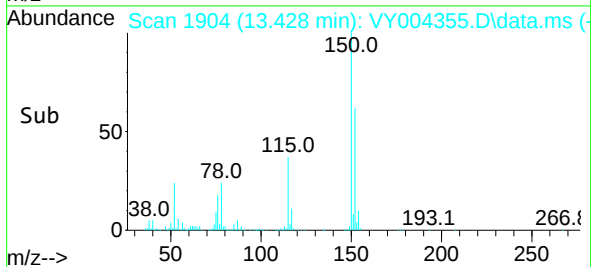
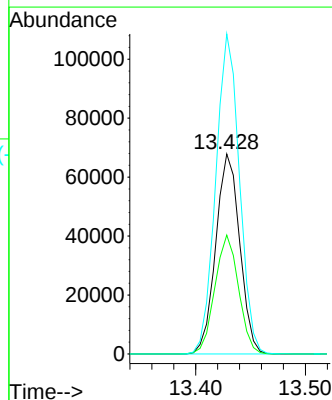
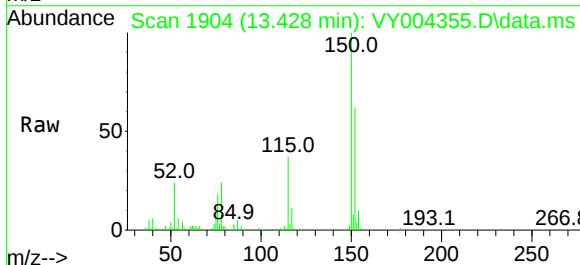
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200032

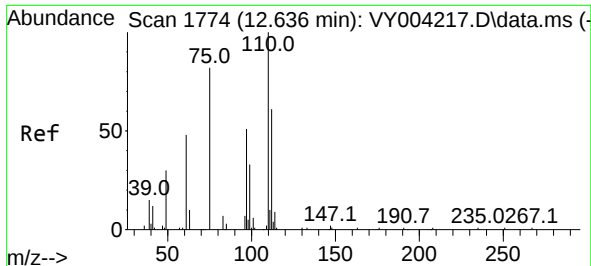
Tgt Ion:	117	Resp:	261242
Ion Ratio	Lower	Upper	
117	100		
82	54.2	42.7	64.1
119	31.8	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

Tgt Ion:	152	Resp:	103110
Ion Ratio	Lower	Upper	
152	100		
115	58.8	29.0	87.1
150	158.2	0.0	347.4

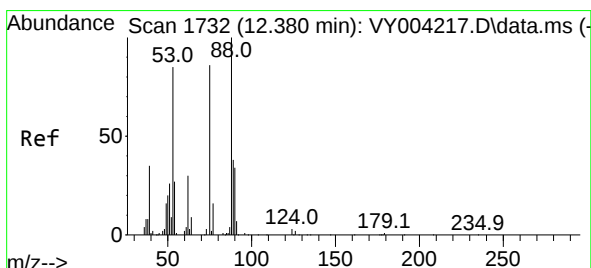
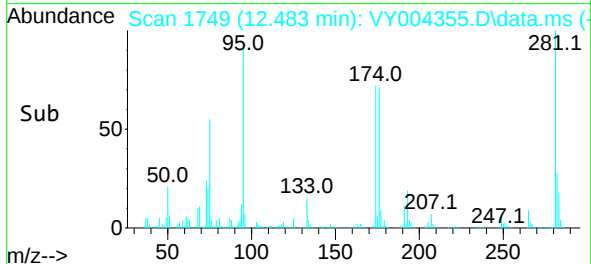
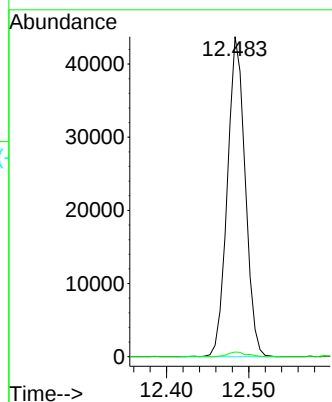
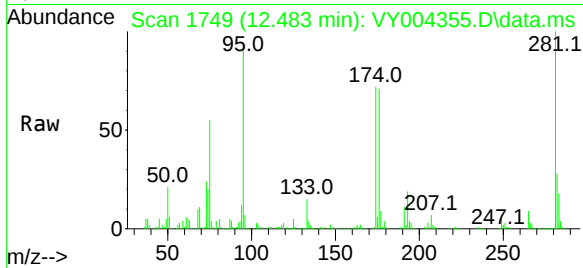




#76
1,2,3-Trichloropropane
Concen: 70.56 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

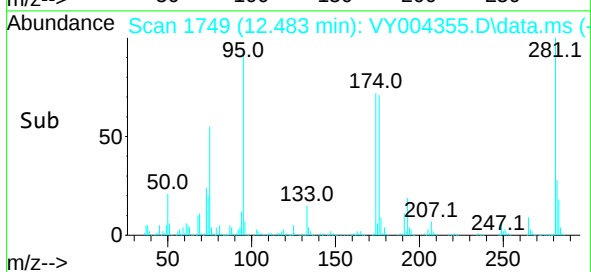
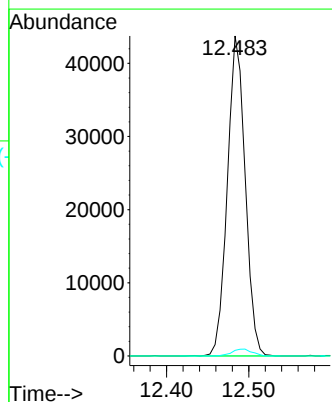
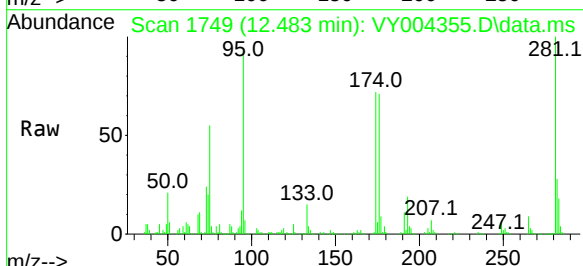
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200032

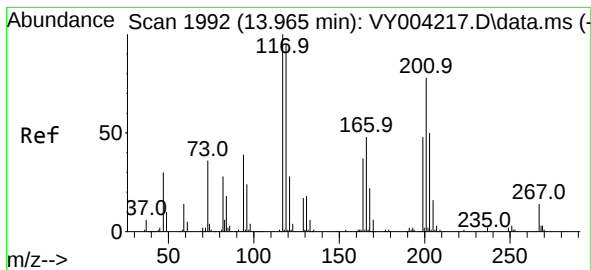
Tgt Ion: 75 Resp: 66063
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.04 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004355.D
Acq: 09 Apr 2021 14:12

Tgt Ion: 75 Resp: 66063
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 2.4 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.31 ug/l
 RT: 13.965 min Scan# 1992
 Delta R.T. -0.000 min
 Lab File: VY004355.D
 Acq: 09 Apr 2021 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200032

Tgt Ion:117 Resp: 19
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

