

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
 Data File : VY004317.D
 Acq On : 07 Apr 2021 16:04
 Operator : SY/MD
 Sample : M1963-06
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 08 01:01:42 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)

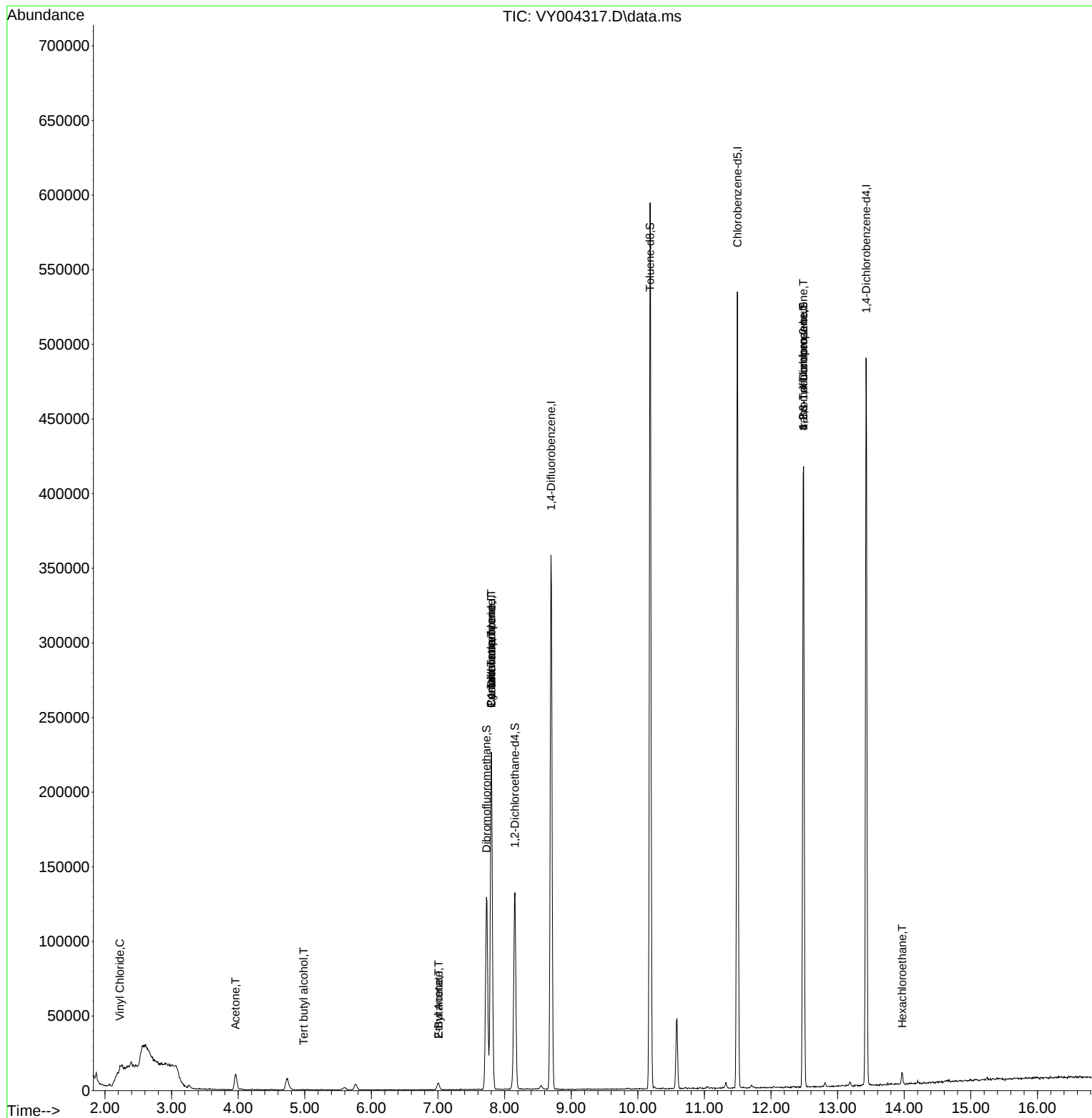
Internal Standards						
1) Pentafluorobenzene	7.801	168	169049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	295382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	272549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	100960	62.13	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.26%
35) Dibromofluoromethane	7.728	113	89083	54.13	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.26%
50) Toluene-d8	10.185	98	363107	58.66	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.32%
62) 4-Bromofluorobenzene	12.483	95	119162	56.17	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.34%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.223	62	7595	3.45	ug/l #	42
11) Tert butyl alcohol	4.984	59	606	4.58	ug/l #	71
13) Acrolein	3.741	56	122	Below	Cal	96
16) Acetone	3.960	43	18587	54.90	ug/l	97
25) 2-Butanone	7.008	43	8138	14.39	ug/l	97
31) Cyclohexane	7.801	56	3880	1.35	ug/l #	3
36) 1,1-Dichloropropene	7.801	75	13615	5.05	ug/l #	49
37) Ethyl Acetate	7.008	43	8138	5.14	ug/l #	70
38) Carbon Tetrachloride	7.801	117	17275	7.37	ug/l #	17
49) 1,4-Dioxane	9.319	88	40	Below	Cal #	29
76) 1,2,3-Trichloropropane	12.483	75	65685	60.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65685	111.75	ug/l #	10
90) Hexachloroethane	13.970	117	42	7.33	ug/l #	12

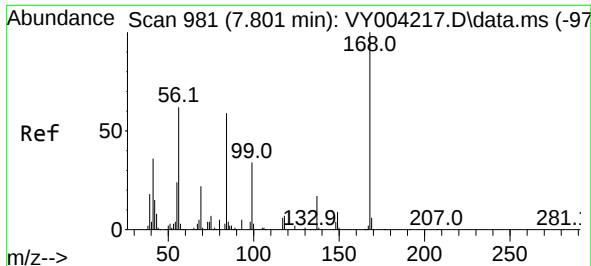
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
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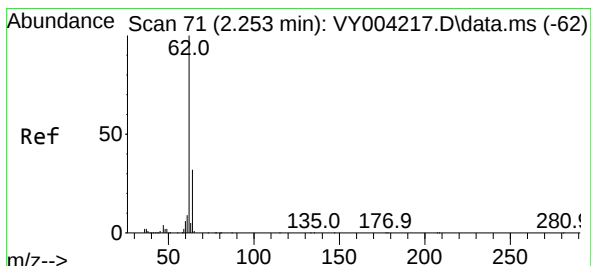
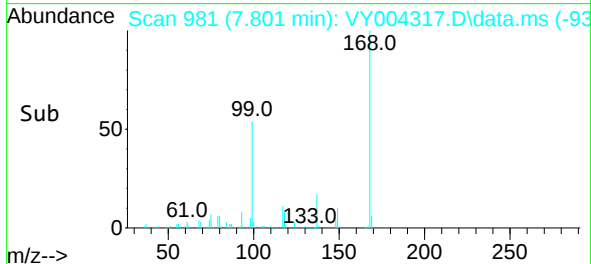
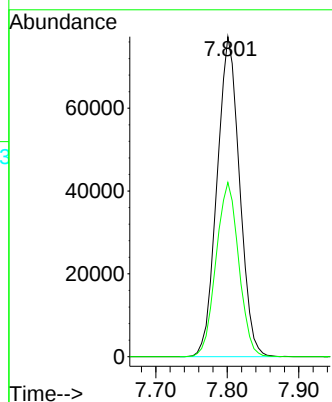
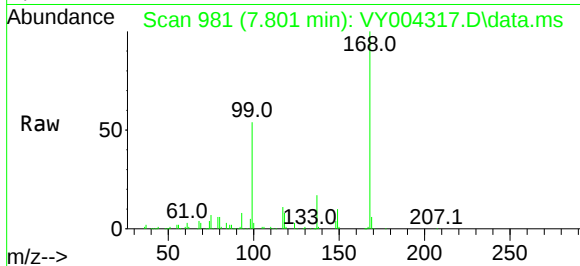




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

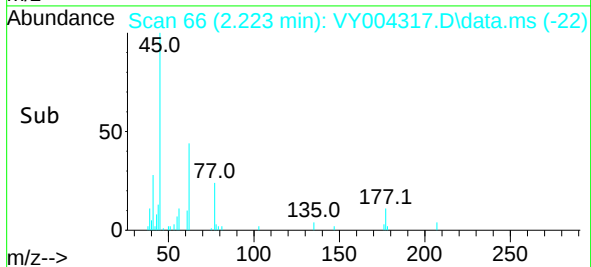
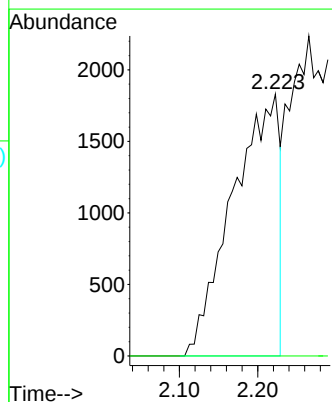
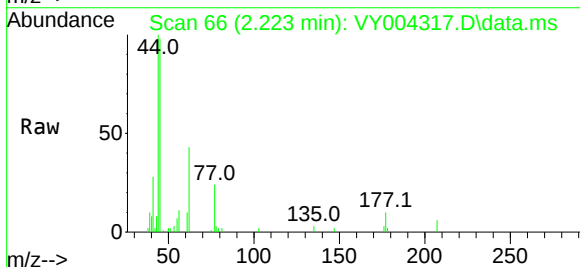
Instrument :
MSVOA_Y
ClientSampled :

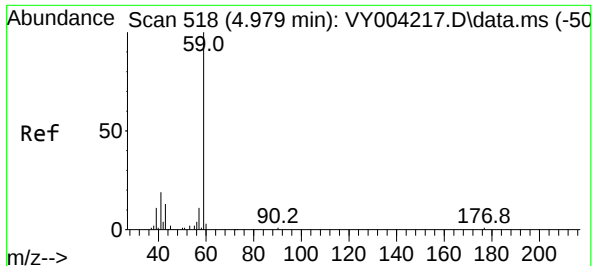
Tgt Ion:168 Resp: 169049
Ion Ratio Lower Upper
168 100
99 54.4 42.6 64.0



#4
Vinyl Chloride
Concen: 3.45 ug/l
RT: 2.223 min Scan# 66
Delta R.T. -0.031 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

Tgt Ion: 62 Resp: 7595
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#

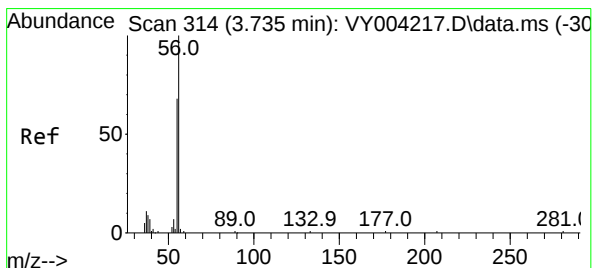
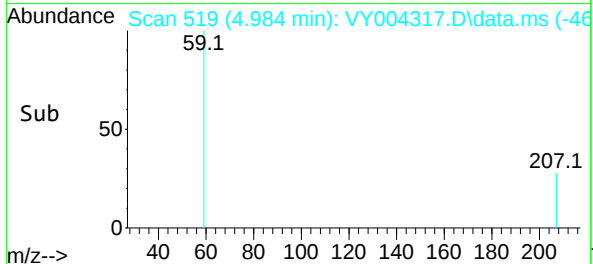
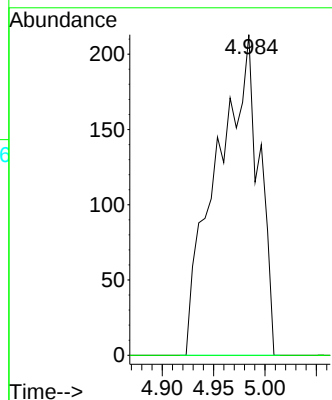
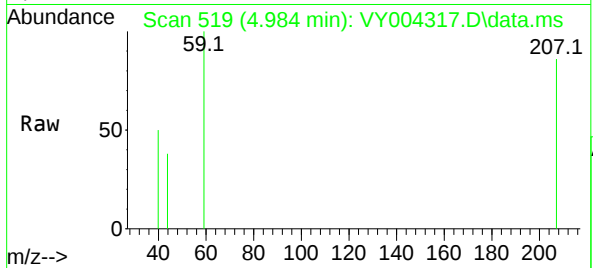




#11
Tert butyl alcohol
Concen: 4.58 ug/l
RT: 4.984 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

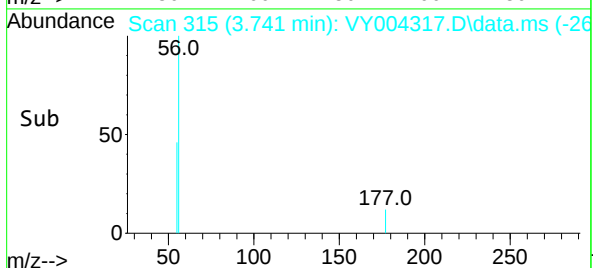
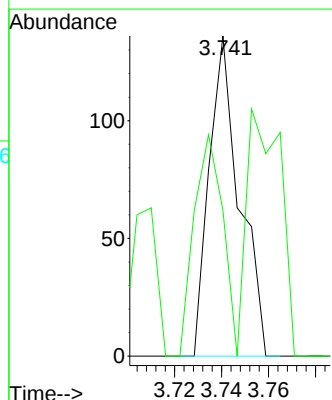
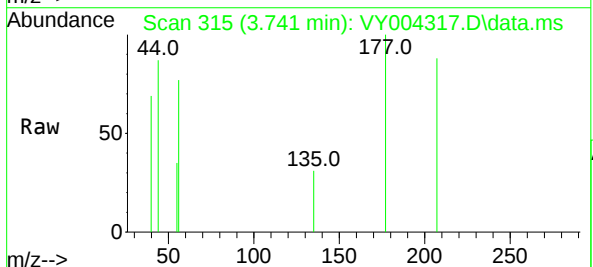
Instrument :
MSVOA_Y
ClientSampled :

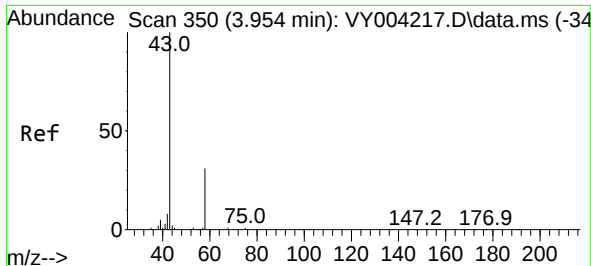
Tgt Ion: 59 Resp: 606
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

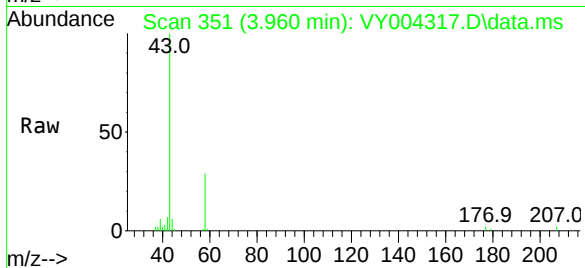
Tgt Ion: 56 Resp: 122
Ion Ratio Lower Upper
56 100
55 65.6 55.0 82.4



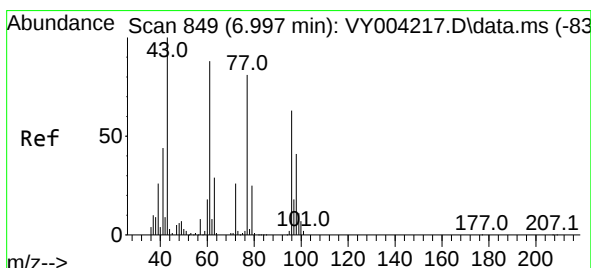
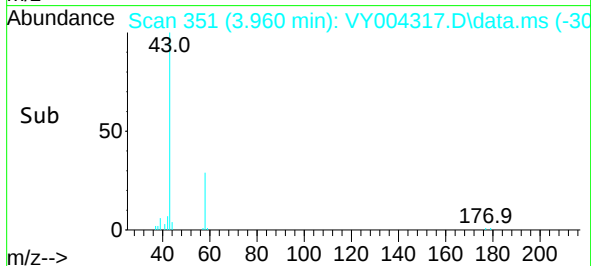
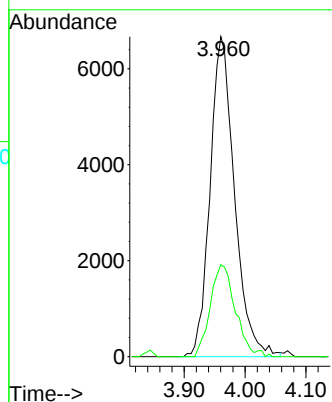


#16
Acetone
Concen: 54.90 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

Instrument :
MSVOA_Y
ClientSampled :

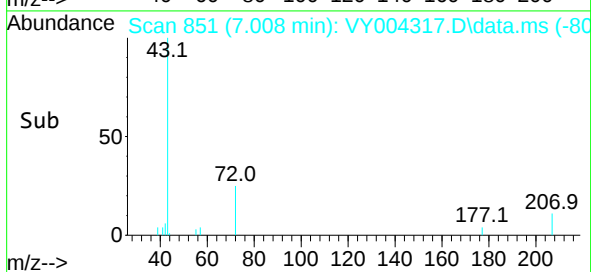
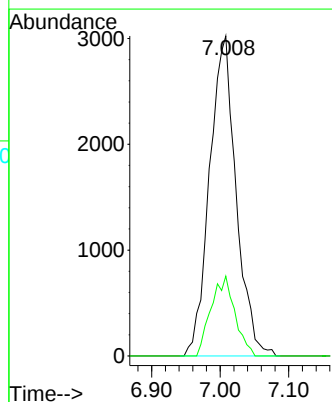
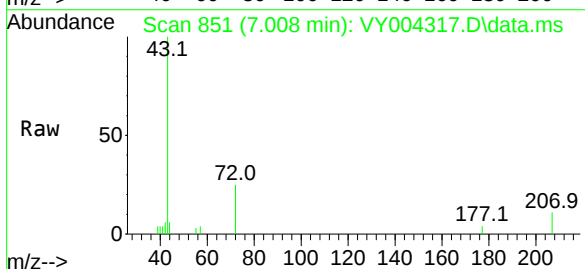


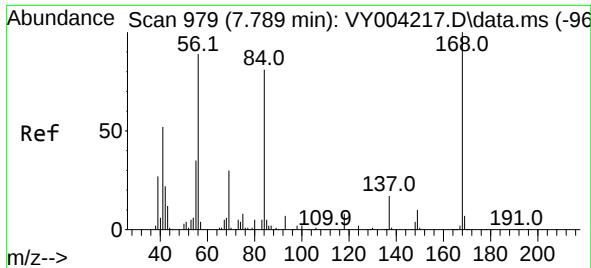
Tgt Ion: 43 Resp: 18587
Ion Ratio Lower Upper
43 100
58 28.7 24.5 36.7



#25
2-Butanone
Concen: 14.39 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

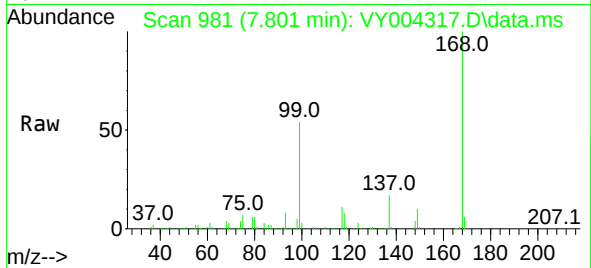
Tgt Ion: 43 Resp: 8138
Ion Ratio Lower Upper
43 100
72 25.0 21.0 31.6



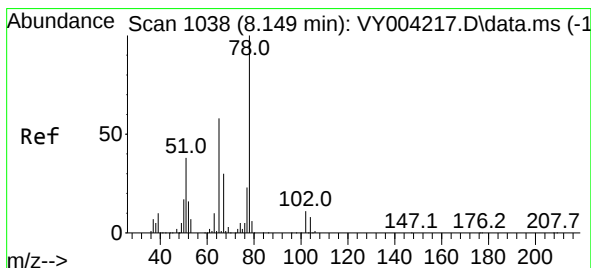
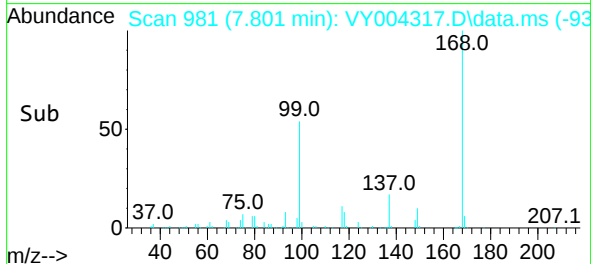
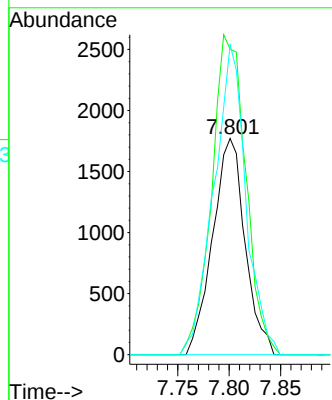


#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

Instrument :
MSVOA_Y
ClientSampleId :

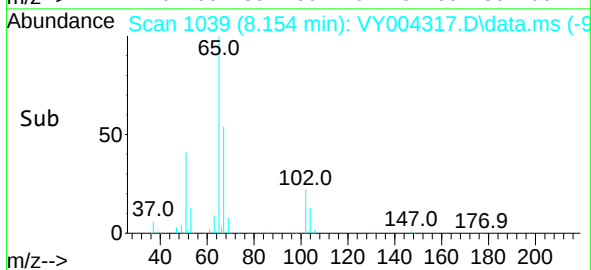
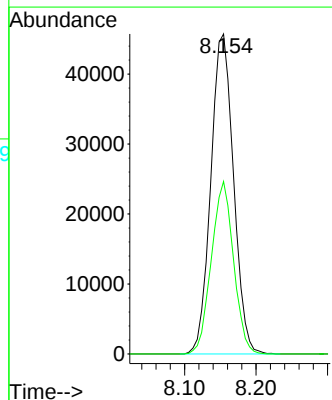
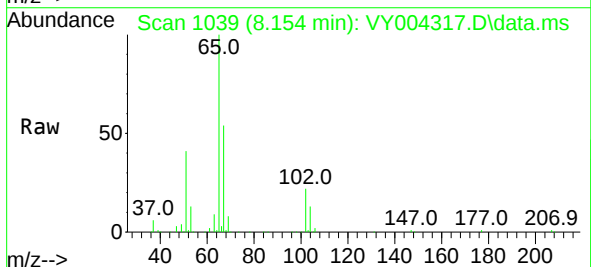


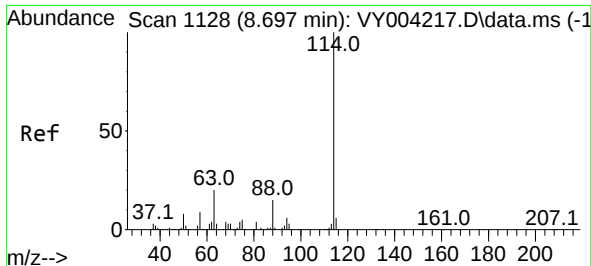
Tgt Ion: 56 Resp: 3880
Ion Ratio Lower Upper
56 100
69 141.4 26.6 40.0#
84 149.7 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 62.13 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

Tgt Ion: 65 Resp: 100960
Ion Ratio Lower Upper
65 100
67 52.5 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: VY004317.D

Acq: 07 Apr 2021 16:04

Tgt Ion:114 Resp: 295382

Ion Ratio Lower Upper

114 100

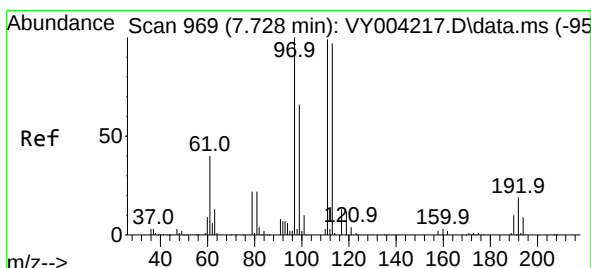
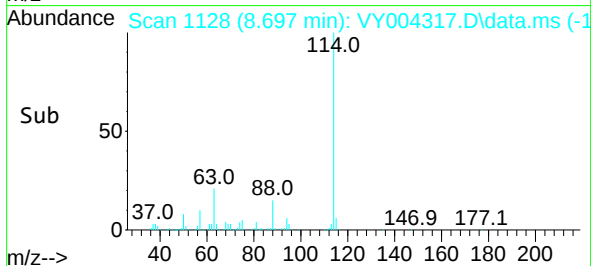
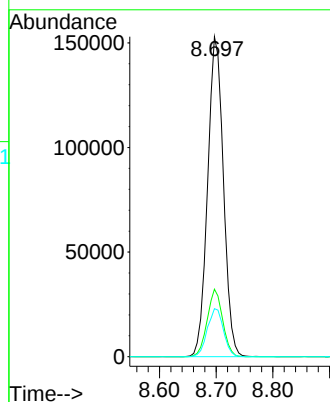
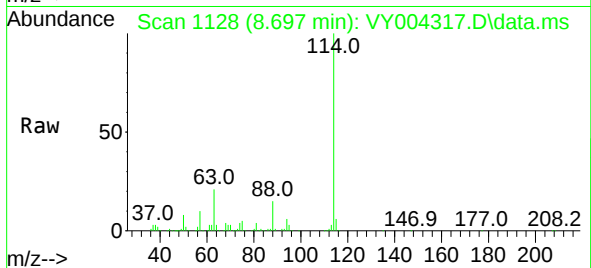
63 21.1 0.0 40.4

88 15.0 0.0 30.8

Instrument :

MSVOA_Y

ClientSampleId :



#35

Dibromofluoromethane

Concen: 54.13 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004317.D

Acq: 07 Apr 2021 16:04

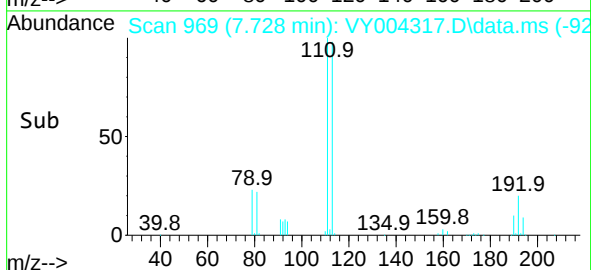
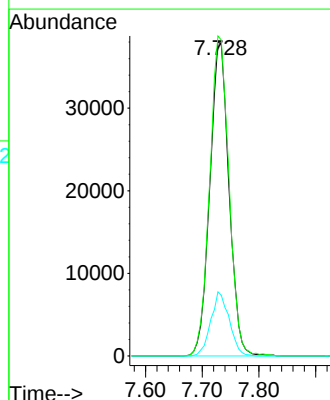
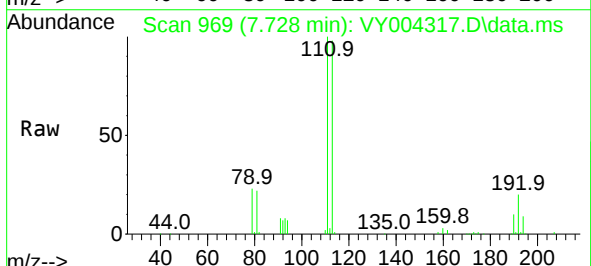
Tgt Ion:113 Resp: 89083

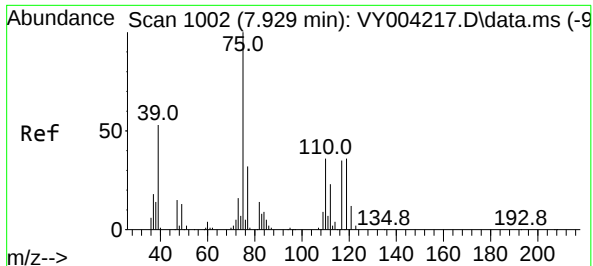
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 19.6 16.4 24.6

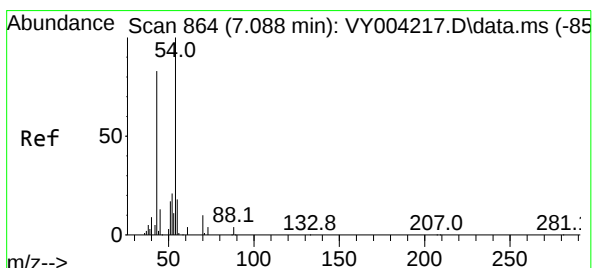
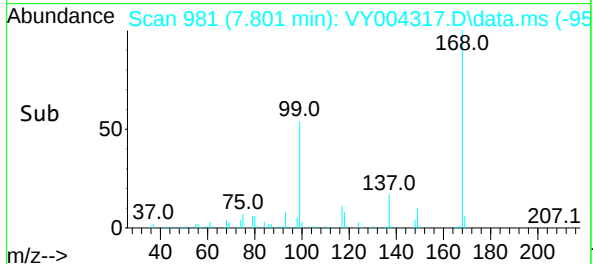
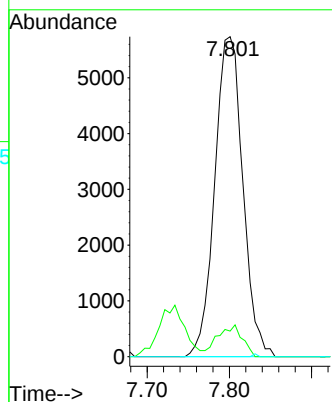
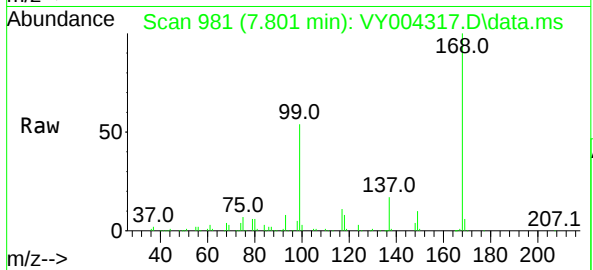




#36
1,1-Dichloropropene
Concen: 5.05 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

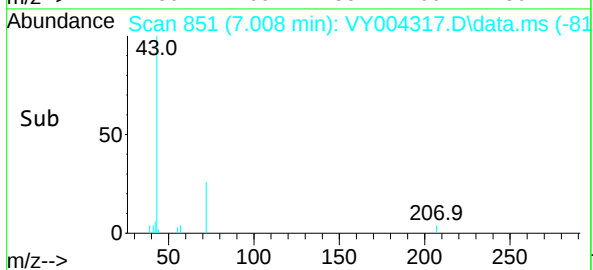
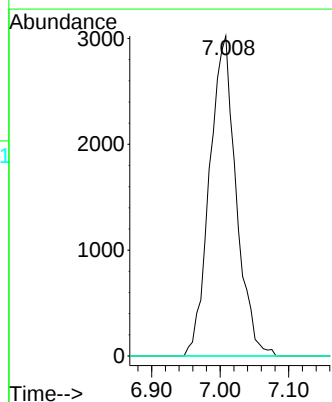
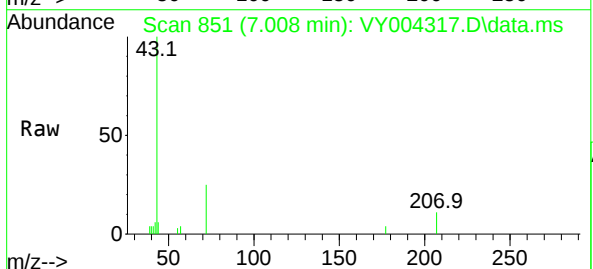
Instrument :
MSVOA_Y
ClientSampled :

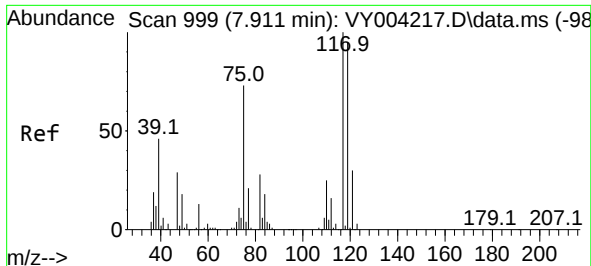
Tgt Ion: 75 Resp: 13615
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.3#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 5.14 ug/l
RT: 7.008 min Scan# 851
Delta R.T. -0.080 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

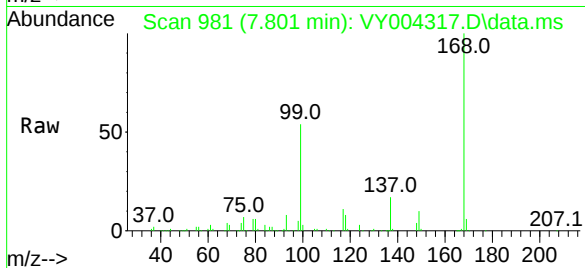
Tgt Ion: 43 Resp: 8138
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 0.0 8.0 12.0#



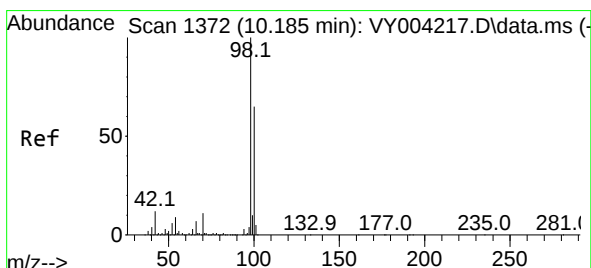
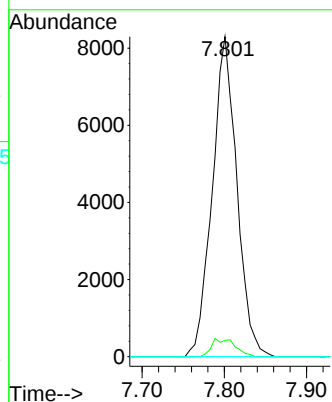
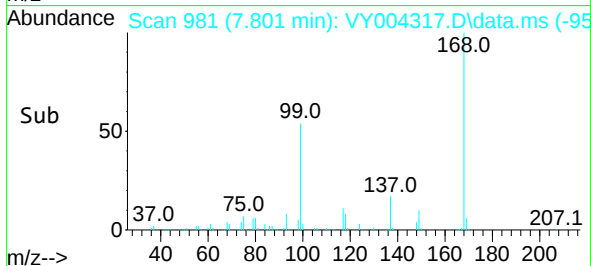


#38
Carbon Tetrachloride
Concen: 7.37 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

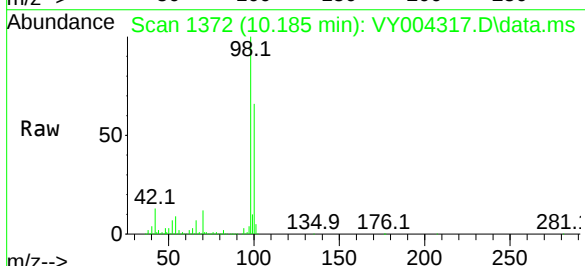
Instrument :
MSVOA_Y
ClientSampled :



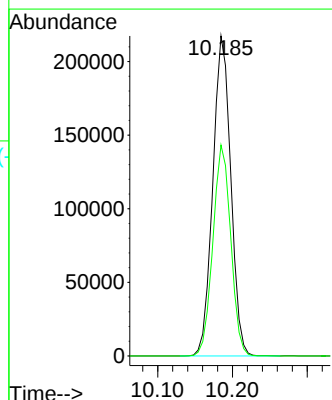
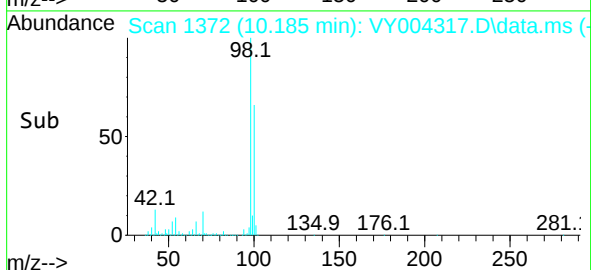
Tgt Ion:117 Resp: 17275
Ion Ratio Lower Upper
117 100
119 5.1 75.6 113.4#
121 0.0 24.3 36.5#

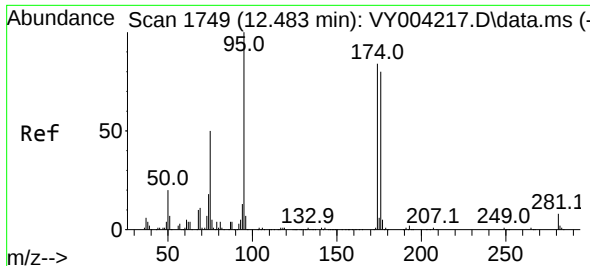


#50
Toluene-d8
Concen: 58.66 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04



Tgt Ion: 98 Resp: 363107
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

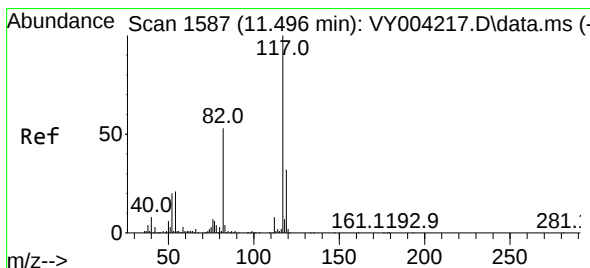
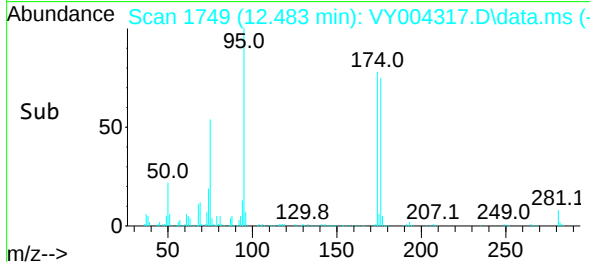
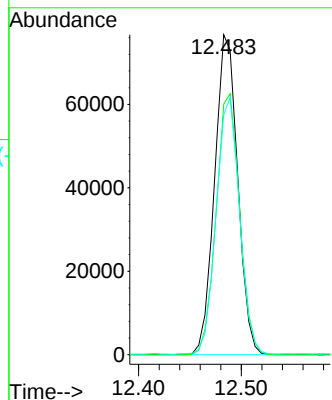
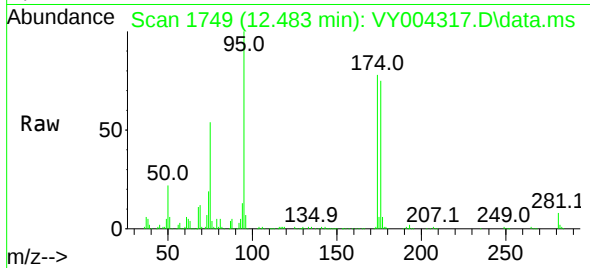




#62
4-Bromofluorobenzene
Concen: 56.17 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

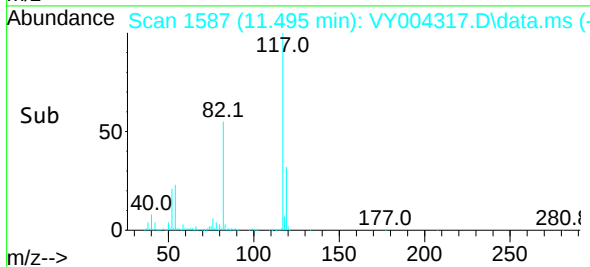
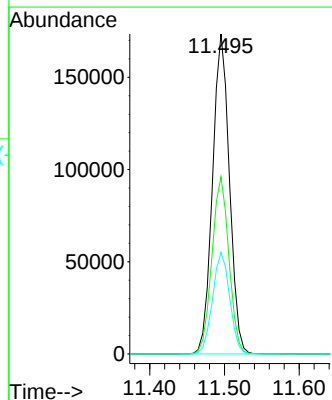
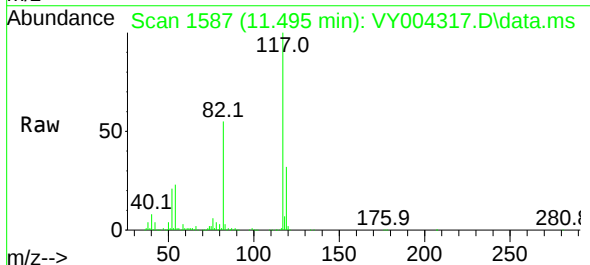
Instrument :
MSVOA_Y
ClientSampleId :

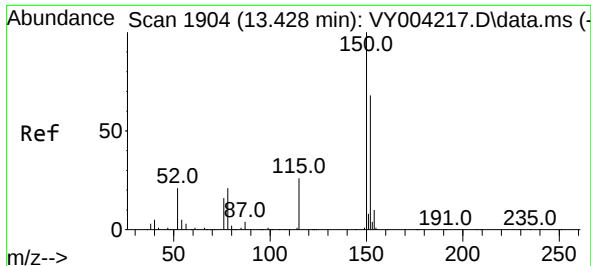
Tgt Ion: 95 Resp: 119162
Ion Ratio Lower Upper
95 100
174 83.1 0.0 171.4
176 81.2 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

Tgt Ion: 117 Resp: 272549
Ion Ratio Lower Upper
117 100
82 55.4 42.7 64.1
119 31.8 25.7 38.5

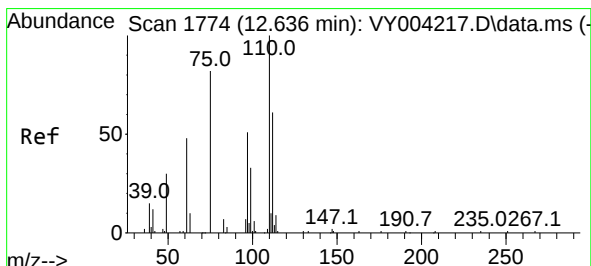
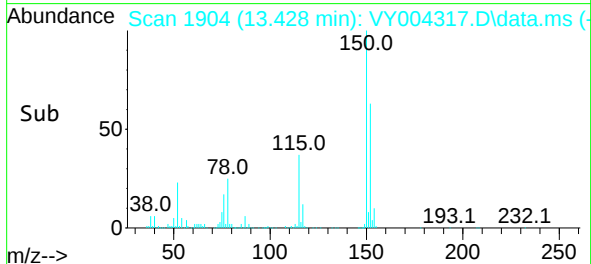
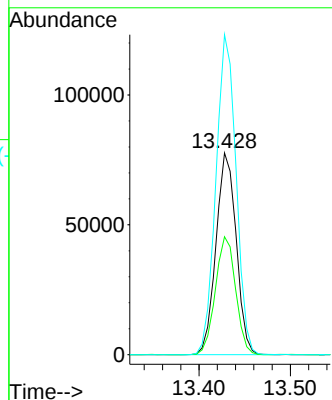
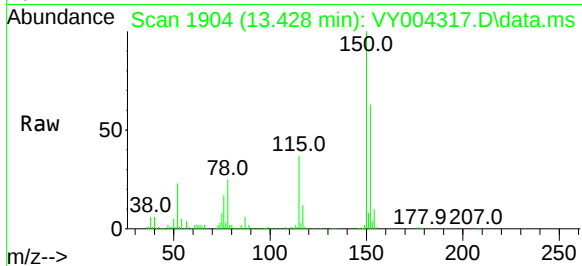




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004317.D
 Acq: 07 Apr 2021 16:04

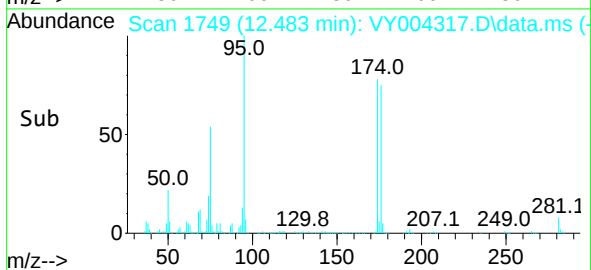
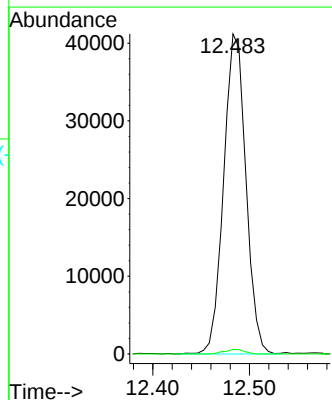
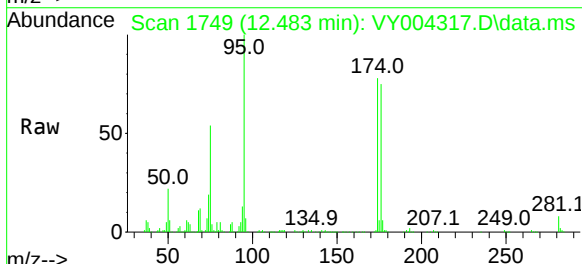
Instrument :
 MSVOA_Y
 ClientSampled :

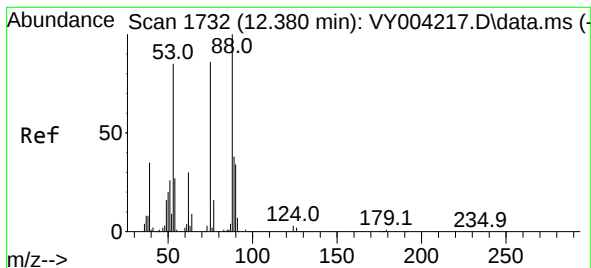
Tgt Ion:152 Resp: 119299
 Ion Ratio Lower Upper
 152 100
 115 58.6 29.0 87.1
 150 158.4 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 60.63 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004317.D
 Acq: 07 Apr 2021 16:04

Tgt Ion: 75 Resp: 65685
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

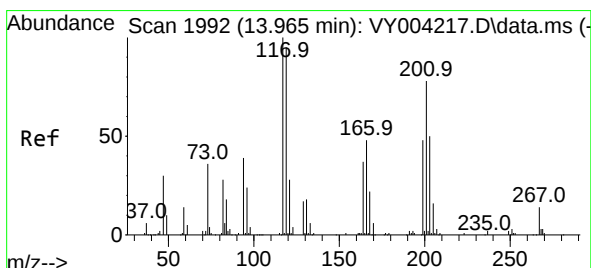
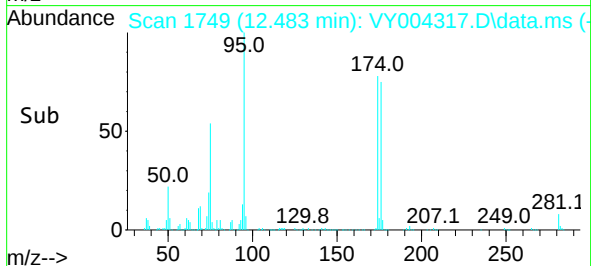
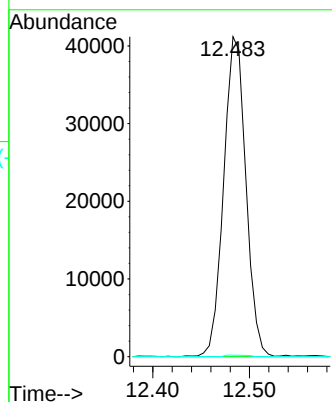
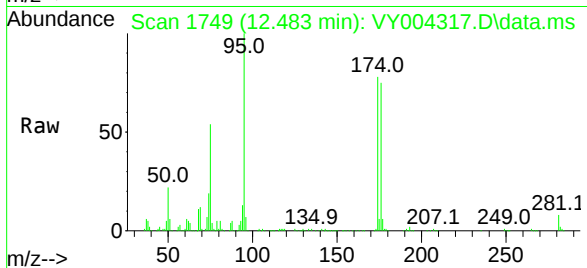




#81
trans-1,4-Dichloro-2-butene
Concen: 111.75 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 65685
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.5 39.4 59.2#



#90
Hexachloroethane
Concen: 7.33 ug/l
RT: 13.970 min Scan# 1993
Delta R.T. 0.005 min
Lab File: VY004317.D
Acq: 07 Apr 2021 16:04

Tgt Ion: 117 Resp: 42
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

