

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004330.D
 Acq On : 08 Apr 2021 13:12
 Operator : SY/MD
 Sample : M1973-01
 Misc : 5.25G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 09 03:15:34 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)

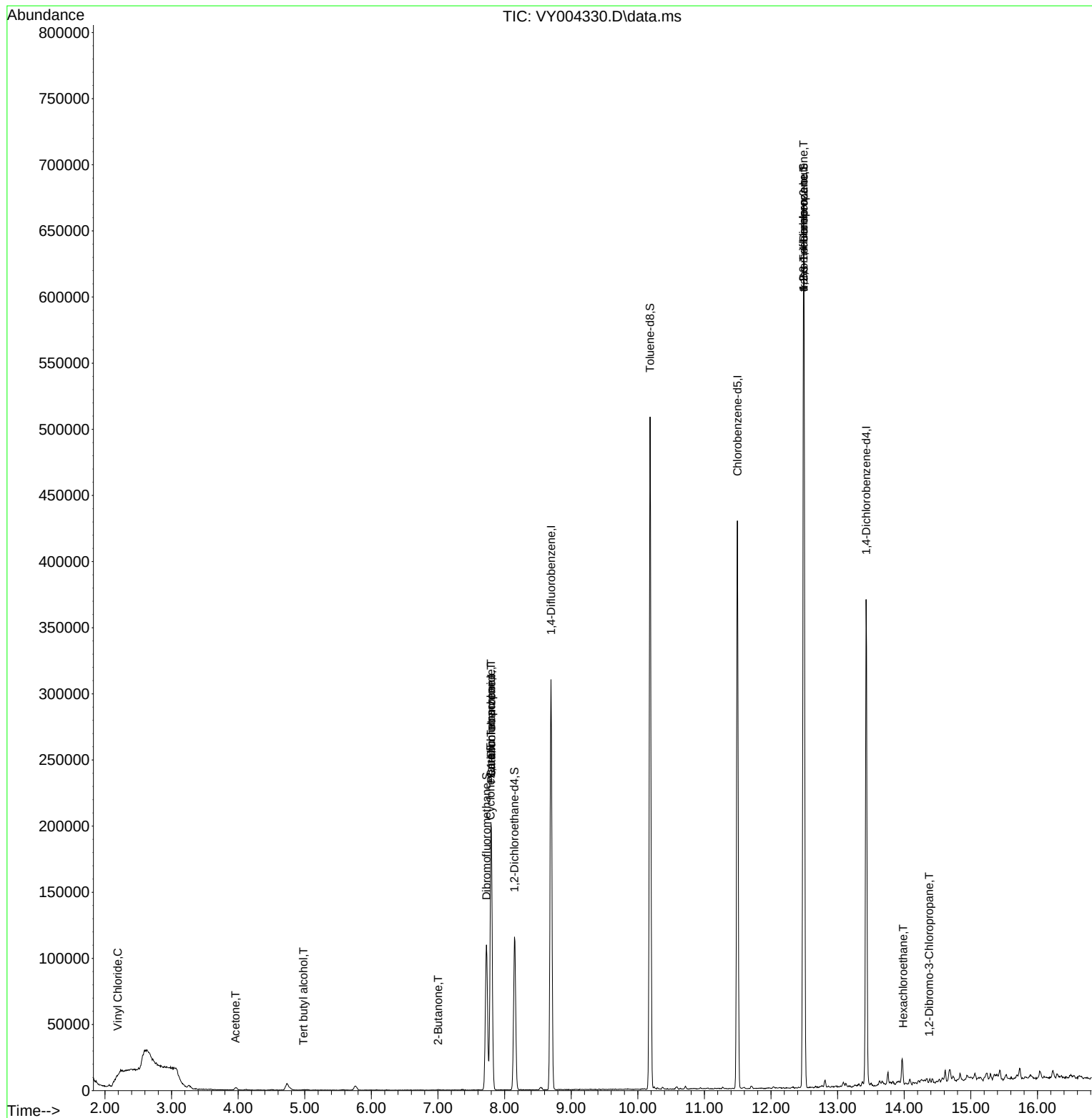
Internal Standards						
1) Pentafluorobenzene	7.801	168	156608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	254476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	218361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88952	59.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.16%
35) Dibromofluoromethane	7.728	113	76666	54.07	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.14%
50) Toluene-d8	10.185	98	310796	58.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.56%
62) 4-Bromofluorobenzene	12.489	95	93970	51.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.82%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.192	62	4651	2.28	ug/l #	42
11) Tert butyl alcohol	4.978	59	485	3.96	ug/l #	71
13) Acrolein	3.759	56	29	Below	Cal #	15
16) Acetone	3.960	43	3006	9.58	ug/l #	82
20) Methylene Chloride	4.729	84	3208	Below	Cal	85
25) 2-Butanone	7.003	43	637	1.22	ug/l #	74
31) Cyclohexane	7.789	56	3591	1.35	ug/l #	41
36) 1,1-Dichloropropene	7.795	75	12661	5.45	ug/l #	49
38) Carbon Tetrachloride	7.795	117	15733	7.79	ug/l #	16
49) 1,4-Dioxane	9.301	88	56	Below	Cal #	29
76) 1,2,3-Trichloropropane	12.489	75	54772	67.67	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	54772	124.71	ug/l #	11
90) Hexachloroethane	13.983	117	286	7.75	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.373	75	342	1.52	ug/l #	1

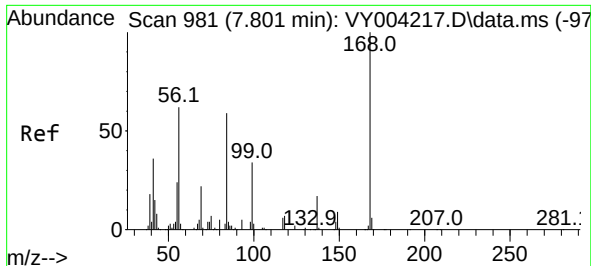
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 09 03:15:34 2021
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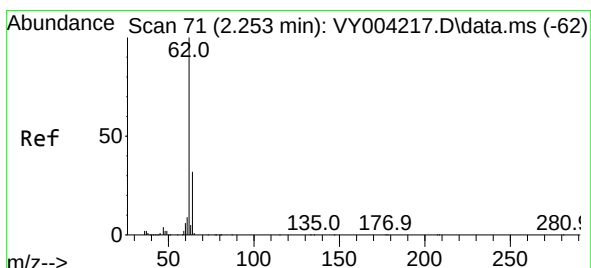
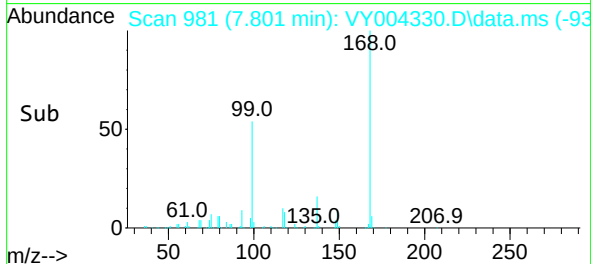
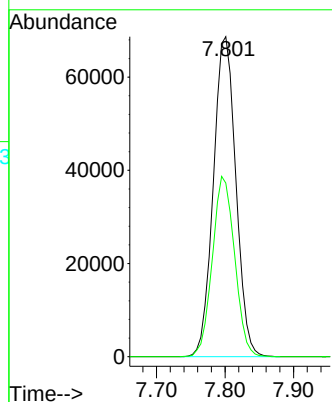
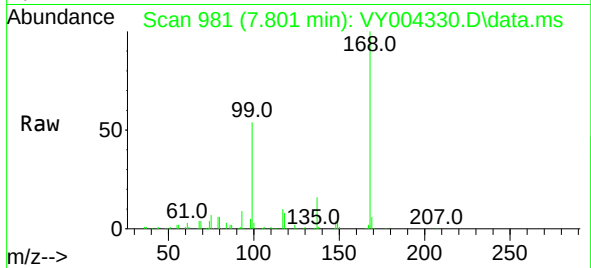




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

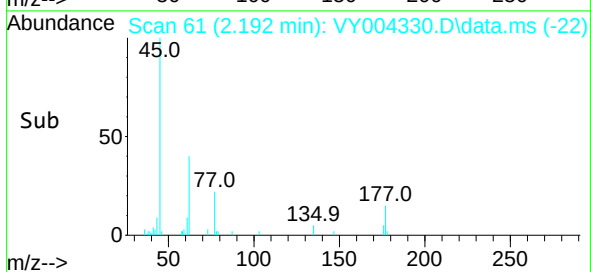
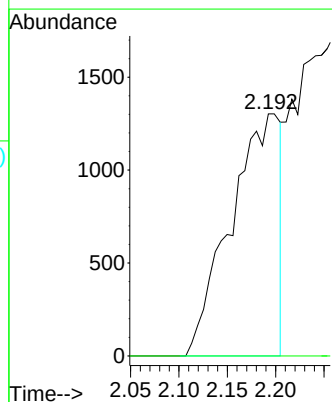
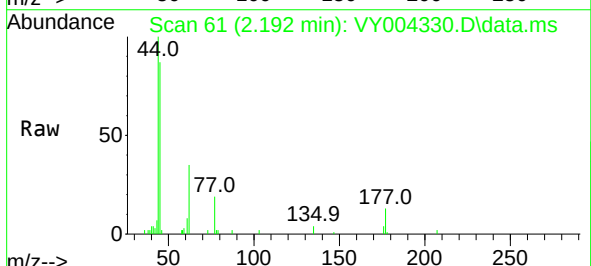
Instrument :
MSVOA_Y
ClientSampleId :

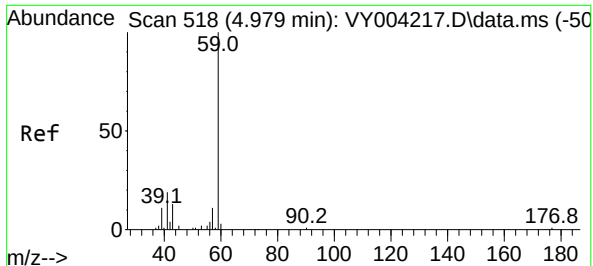
Tgt Ion:168 Resp: 156608
Ion Ratio Lower Upper
168 100
99 54.3 42.6 64.0



#4
Vinyl Chloride
Concen: 2.28 ug/l
RT: 2.192 min Scan# 61
Delta R.T. -0.061 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

Tgt Ion: 62 Resp: 4651
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



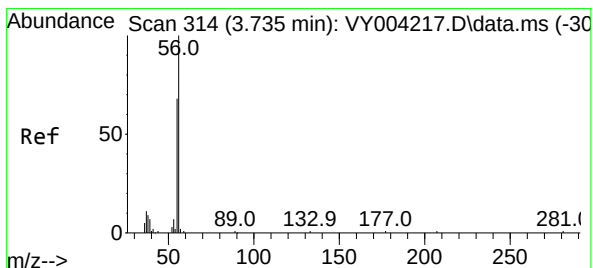
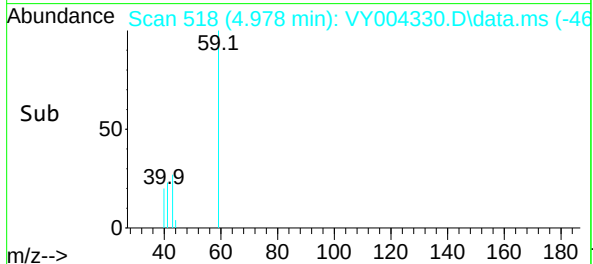
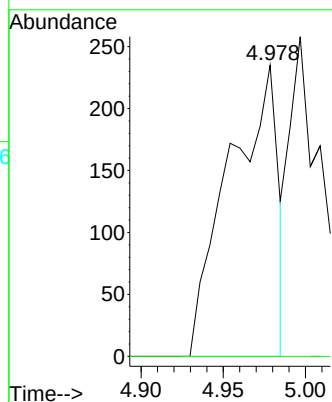
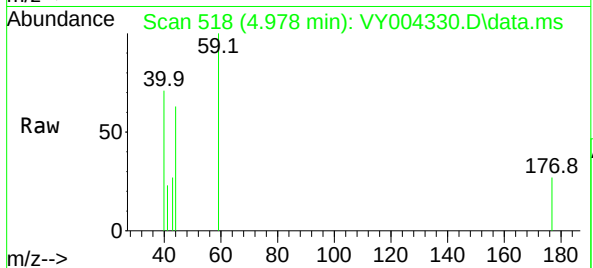


#11

Tert butyl alcohol
Concen: 3.96 ug/l
RT: 4.978 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

Instrument :
MSVOA_Y
ClientSampled :

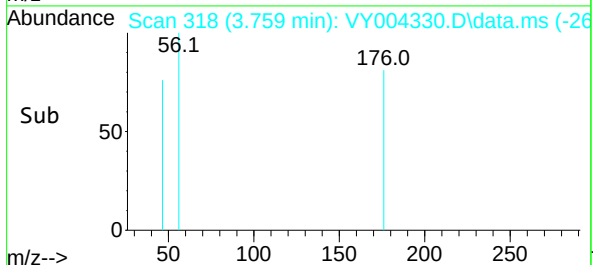
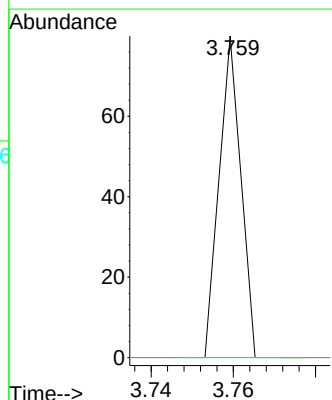
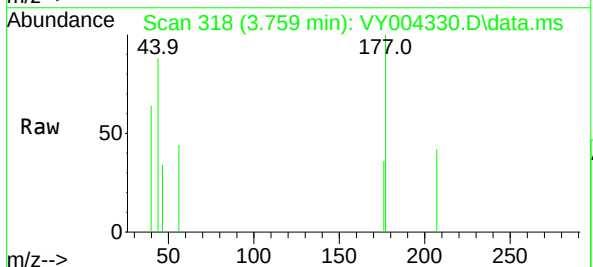
Tgt Ion: 59 Resp: 485
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

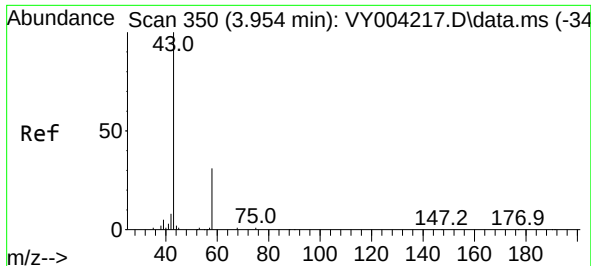


#13

Acrolein
Concen: Below Cal
RT: 3.759 min Scan# 318
Delta R.T. 0.024 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

Tgt Ion: 56 Resp: 29
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.4#

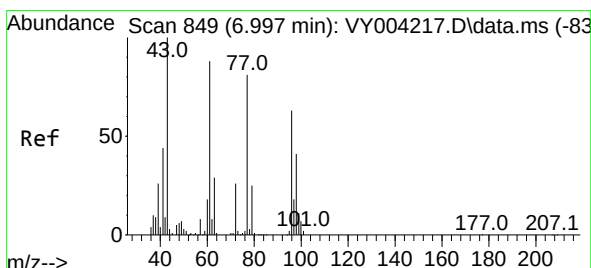
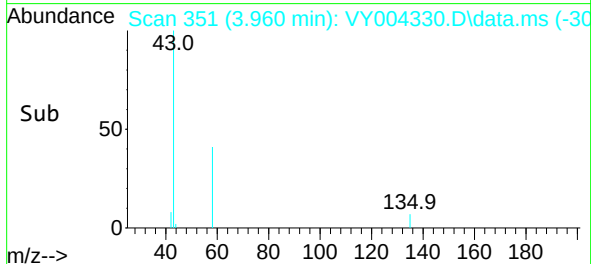
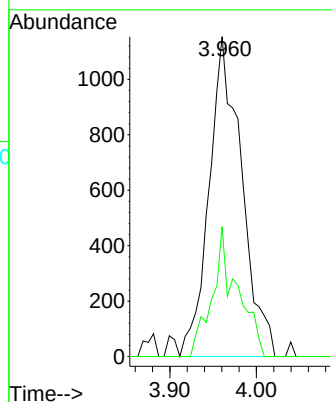
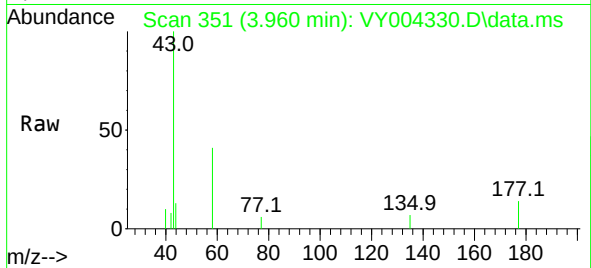




#16
Acetone
Concen: 9.58 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

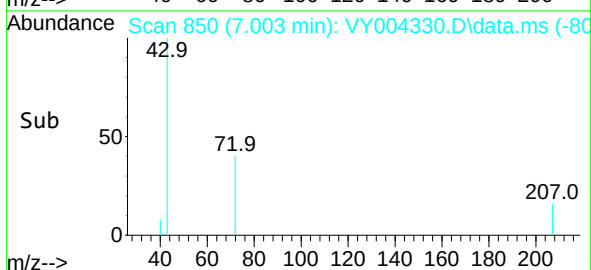
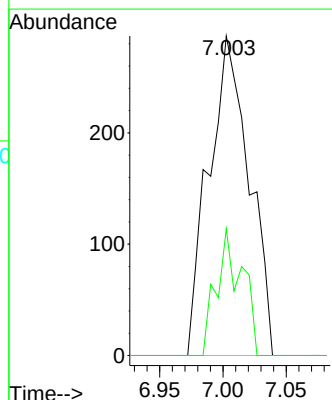
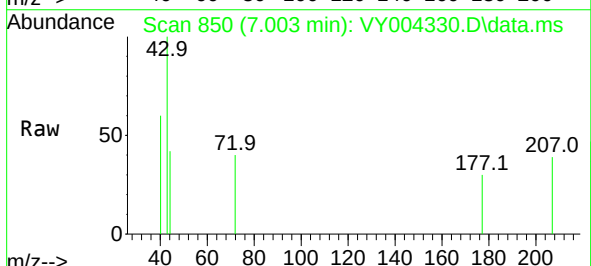
Instrument :
MSVOA_Y
ClientSampled :

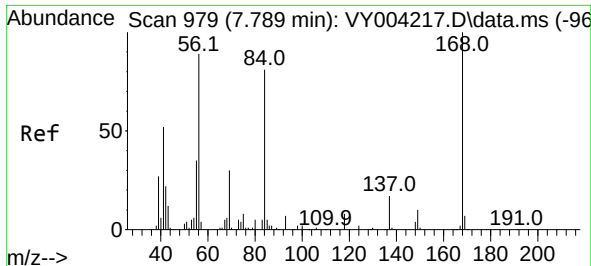
Tgt Ion: 43 Resp: 3006
Ion Ratio Lower Upper
43 100
58 40.6 24.5 36.7#



#25
2-Butanone
Concen: 1.22 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
72 39.7 21.0 31.6#

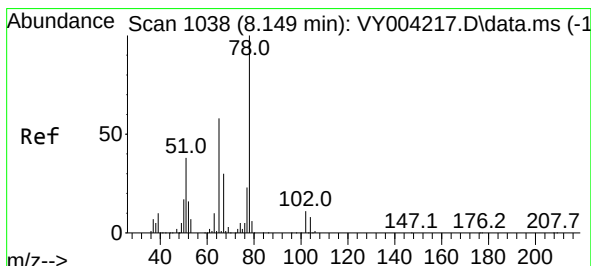
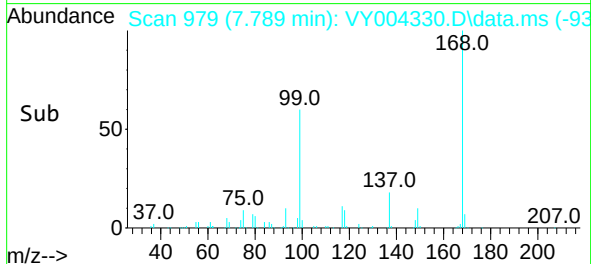
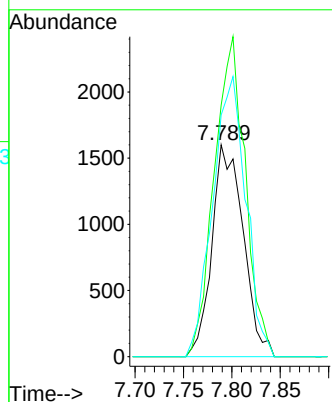
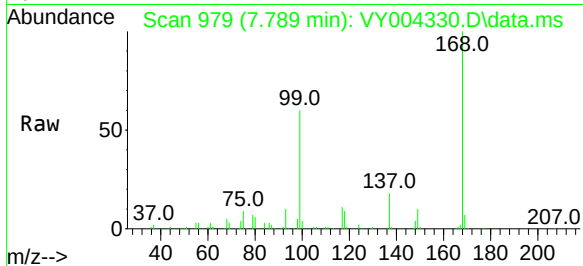




#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

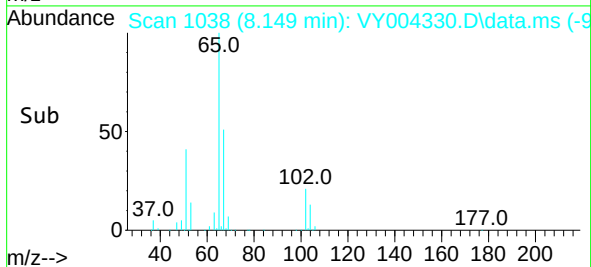
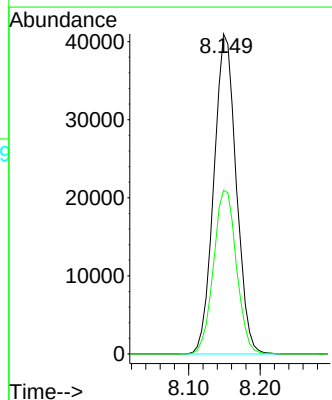
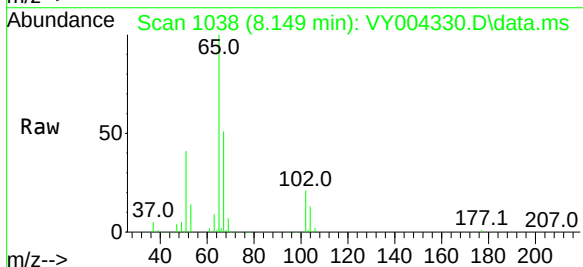
Instrument :
MSVOA_Y
ClientSampleId :

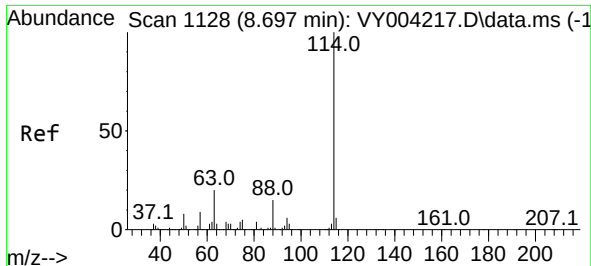
Tgt Ion: 56 Resp: 3591
Ion Ratio Lower Upper
56 100
69 118.8 26.6 40.0#
84 114.2 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 59.08 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

Tgt Ion: 65 Resp: 88952
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.2

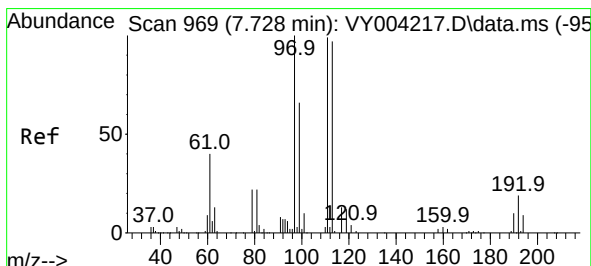
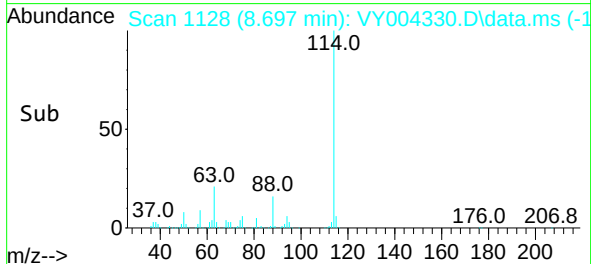
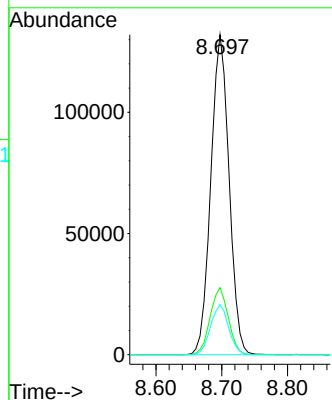
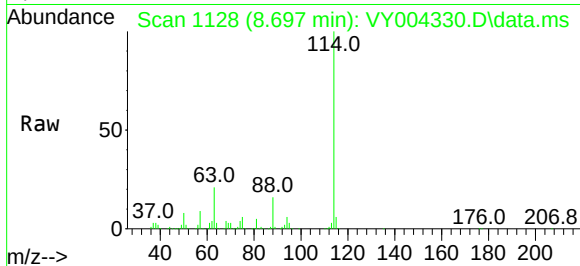




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

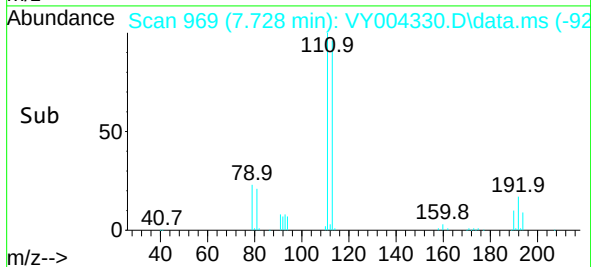
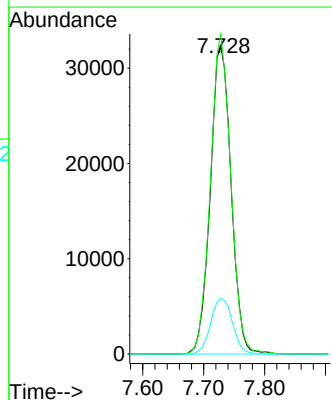
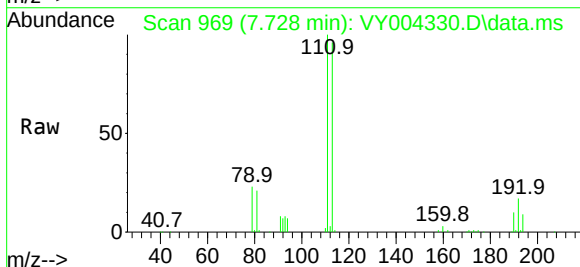
Instrument :
MSVOA_Y
ClientSampled :

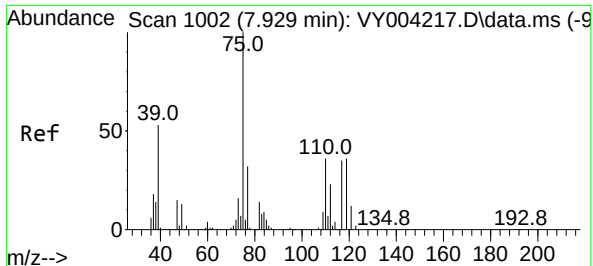
Tgt Ion:114 Resp: 254476
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.4
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.07 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

Tgt Ion:113 Resp: 76666
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 18.8 16.4 24.6



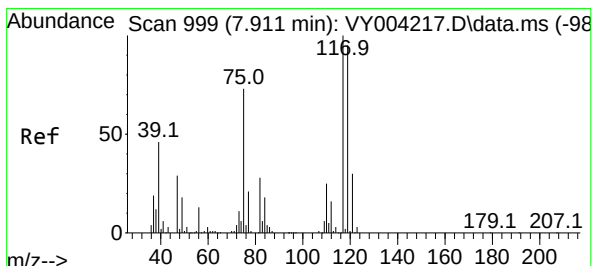
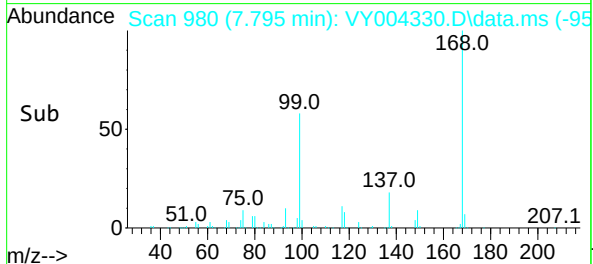
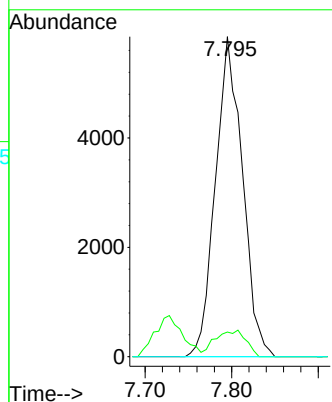
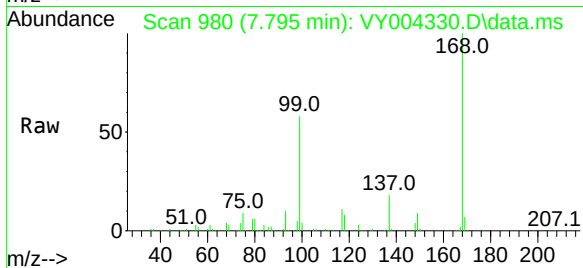


#36

1,1-Dichloropropene
Concen: 5.45 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

Instrument :
MSVOA_Y
ClientSampled :

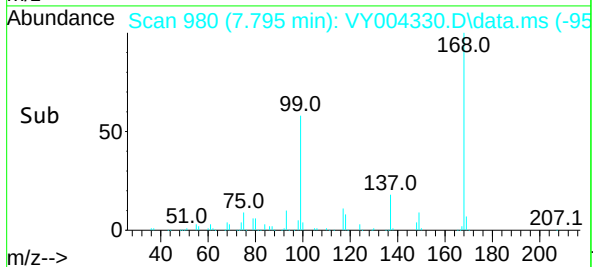
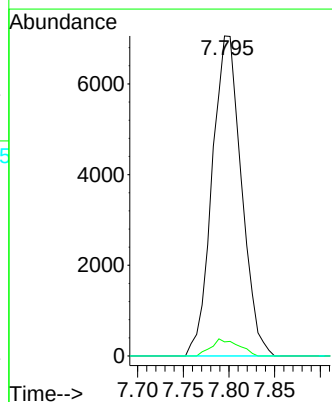
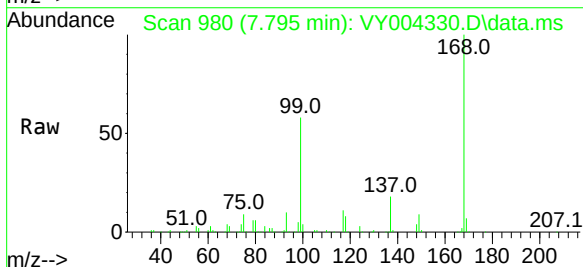
Tgt Ion: 75	Resp: 12661
Ion Ratio	Lower Upper
75 100	
110 9.4	18.1 54.3#
77 0.0	25.1 37.7#

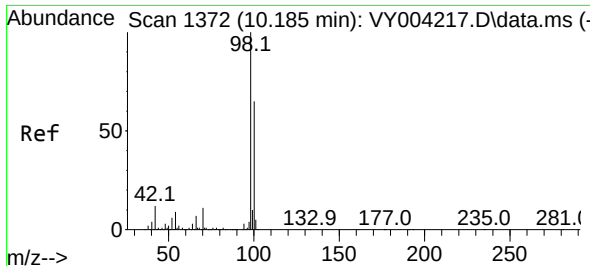


#38

Carbon Tetrachloride
Concen: 7.79 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

Tgt Ion: 117	Resp: 15733
Ion Ratio	Lower Upper
117 100	
119 4.4	75.6 113.4#
121 0.0	24.3 36.5#

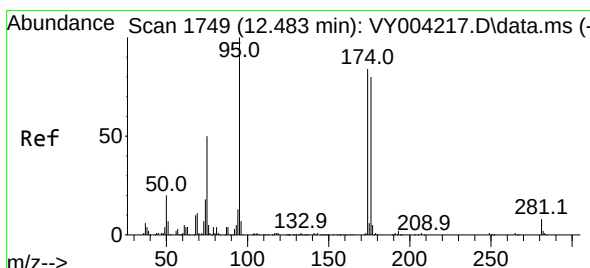
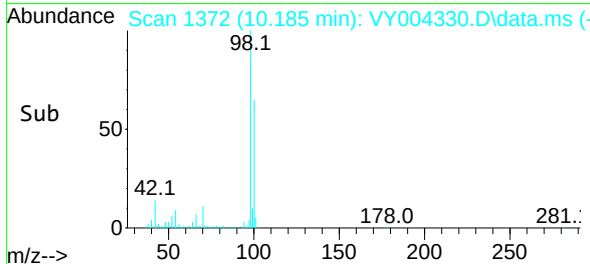
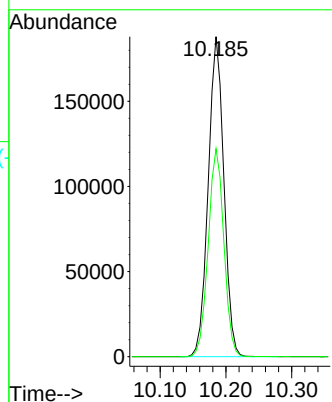
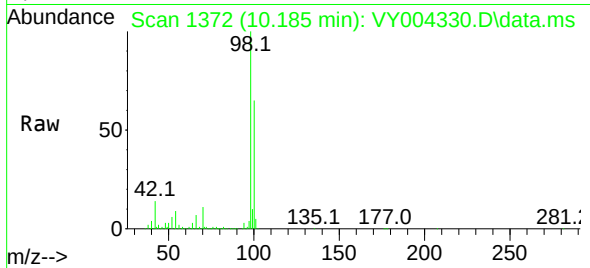




#50
Toluene-d8
Concen: 58.28 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

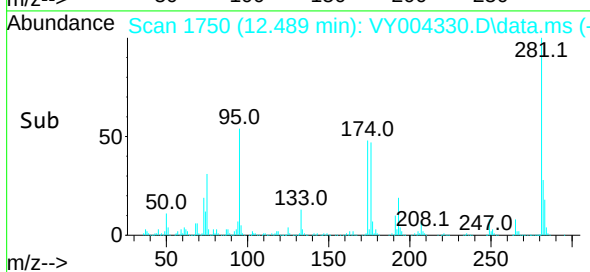
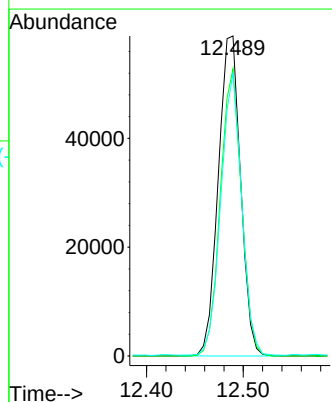
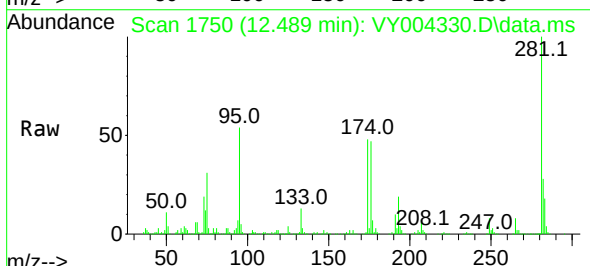
Instrument :
MSVOA_Y
ClientSampleId :

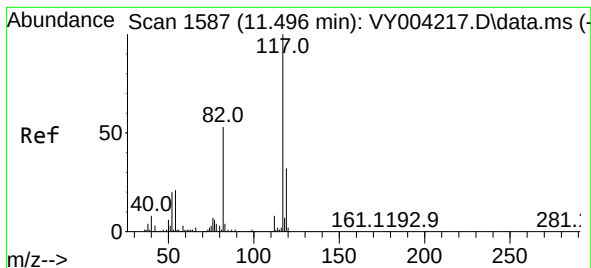
Tgt Ion: 98 Resp: 310796
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.41 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

Tgt Ion: 95 Resp: 93970
Ion Ratio Lower Upper
95 100
174 85.1 0.0 171.4
176 82.7 0.0 165.6

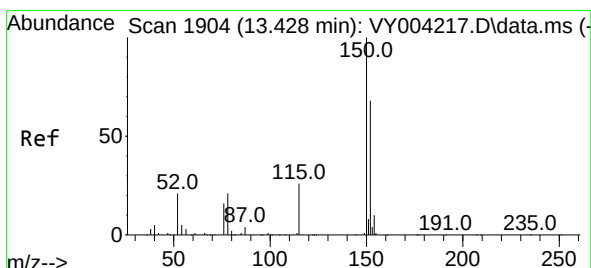
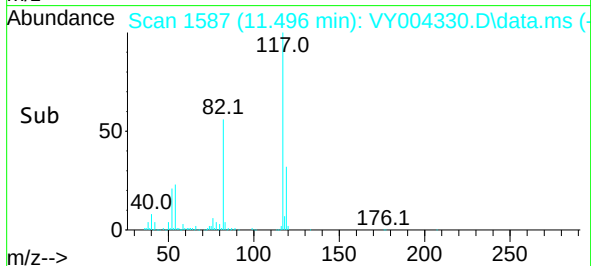
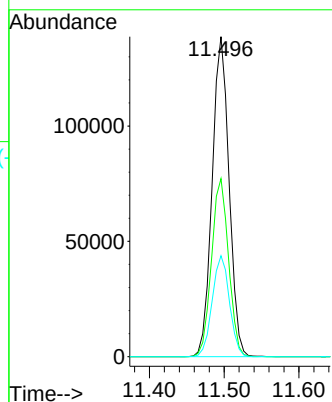
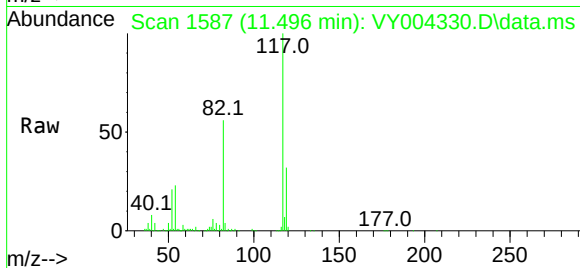




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

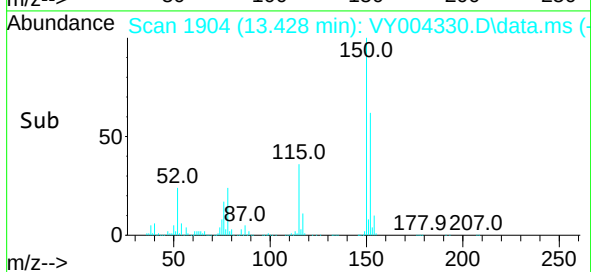
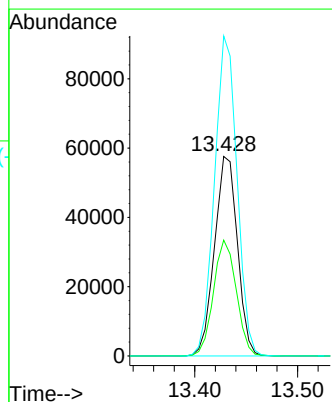
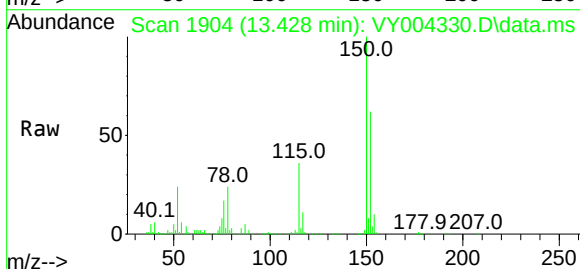
Instrument :
MSVOA_Y
ClientSampleId :

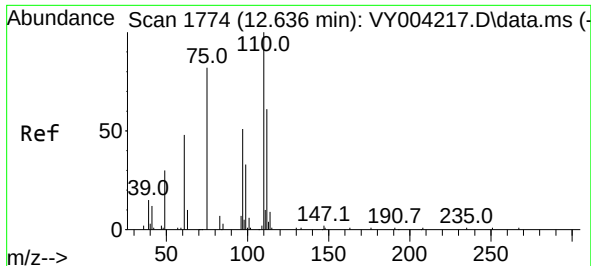
Tgt Ion:117 Resp: 218361
Ion Ratio Lower Upper
117 100
82 55.7 42.7 64.1
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

Tgt Ion:152 Resp: 89138
Ion Ratio Lower Upper
152 100
115 57.9 29.0 87.1
150 157.5 0.0 347.4

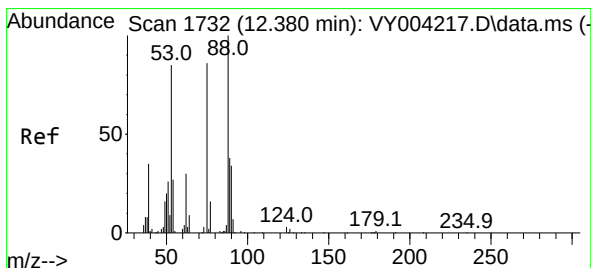
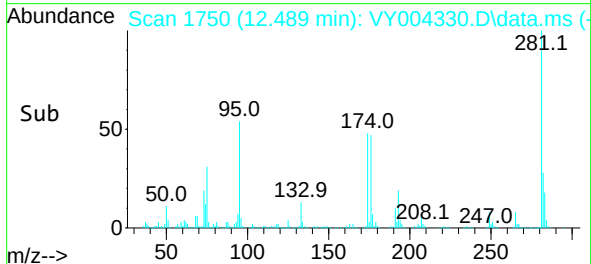
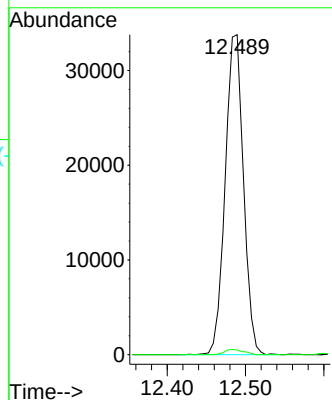
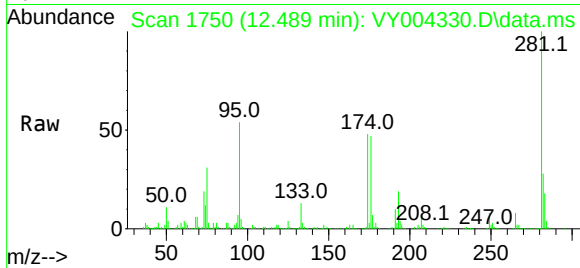




#76
1,2,3-Trichloropropane
Concen: 67.67 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

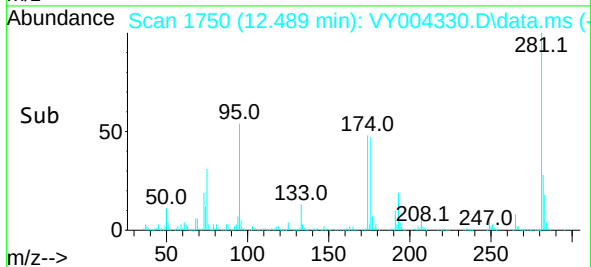
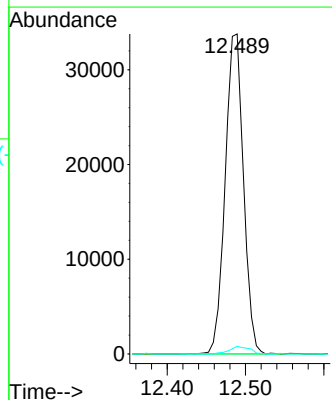
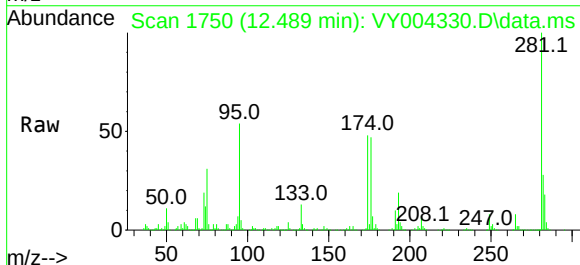
Instrument :
MSVOA_Y
ClientSampleId :

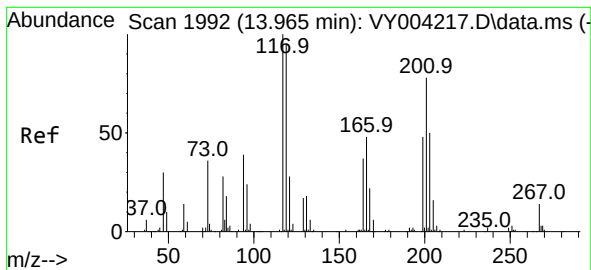
Tgt Ion: 75 Resp: 54772
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.71 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

Tgt Ion: 75 Resp: 54772
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 2.6 39.4 59.2#

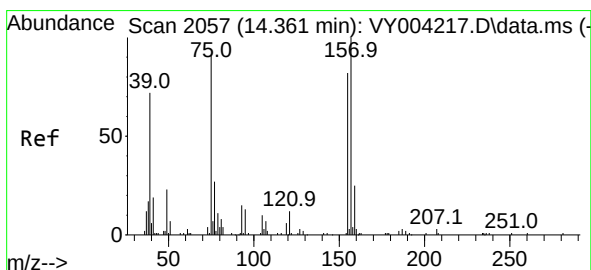
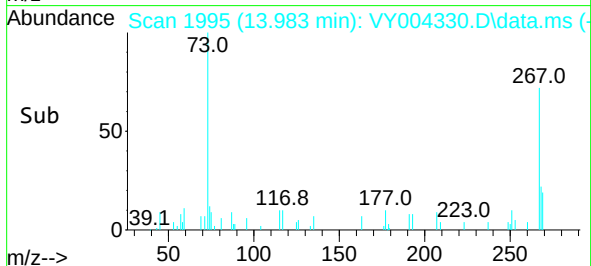
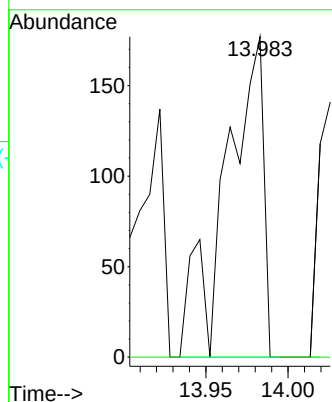
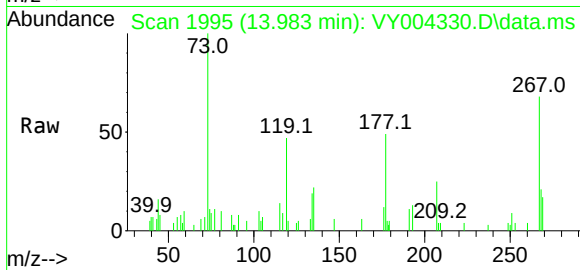




#90
Hexachloroethane
Concen: 7.75 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.018 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 286
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.52 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.012 min
Lab File: VY004330.D
Acq: 08 Apr 2021 13:12

Tgt Ion: 75 Resp: 342
Ion Ratio Lower Upper
75 100
155 0.0 46.3 138.8#
157 0.0 58.3 174.9#

