

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004340.D
 Acq On : 08 Apr 2021 17:05
 Operator : SY/MD
 Sample : M1947-07
 Misc : 5.76G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 09 03:18:03 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)

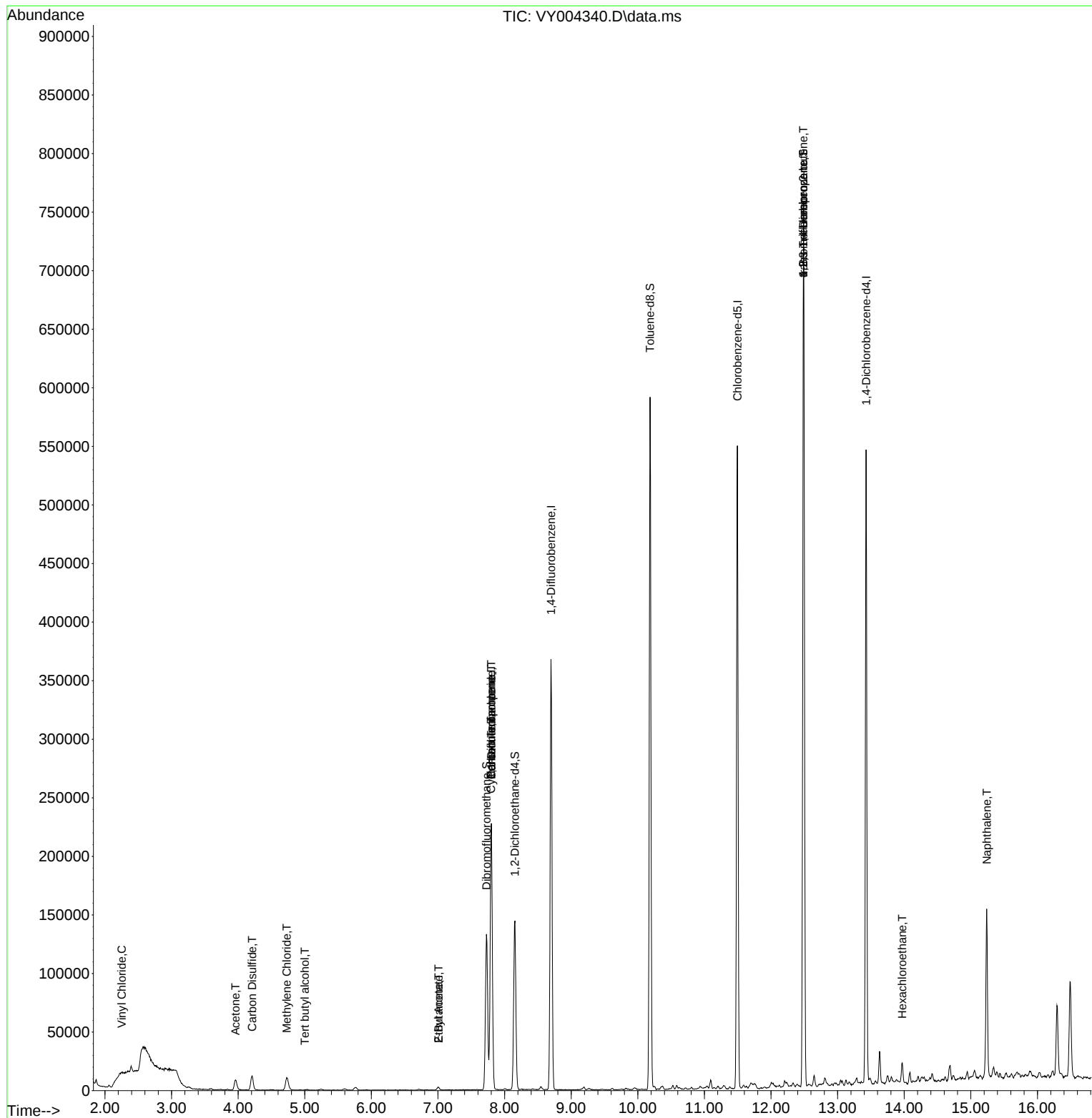
Internal Standards						
1) Pentafluorobenzene	7.801	168	173810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	300573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	281083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128683	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	112444	67.30	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.60%			
35) Dibromofluoromethane	7.728	113	92213	55.06	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.12%			
50) Toluene-d8	10.185	98	367111	58.28	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.56%			
62) 4-Bromofluorobenzene	12.483	95	127338	58.98	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.96%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.253	62	10667	4.71	ug/l #	42
11) Tert butyl alcohol	5.003	59	158	1.16	ug/l #	71
13) Acrolein	3.735	56	312	Below Cal		89
16) Acetone	3.960	43	16226	46.61	ug/l	99
17) Carbon Disulfide	4.210	76	24080	5.82	ug/l	96
20) Methylene Chloride	4.728	84	7416	1.92	ug/l	87
25) 2-Butanone	7.008	43	4164	7.16	ug/l	99
31) Cyclohexane	7.795	56	4134	1.40	ug/l #	22
36) 1,1-Dichloropropene	7.801	75	14160	5.16	ug/l #	49
37) Ethyl Acetate	7.008	43	4164	2.59	ug/l #	70
38) Carbon Tetrachloride	7.801	117	17301	7.25	ug/l #	16
49) 1,4-Dioxane	9.307	88	23	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.483	75	72824	62.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72824	114.86	ug/l #	10
90) Hexachloroethane	13.971	117	353	7.68	ug/l #	12
95) Naphthalene	15.239	128	113677	20.46	ug/l	100

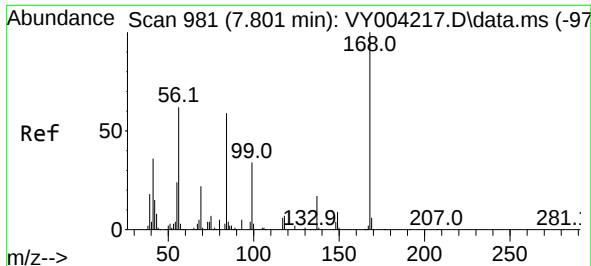
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 09 03:18:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

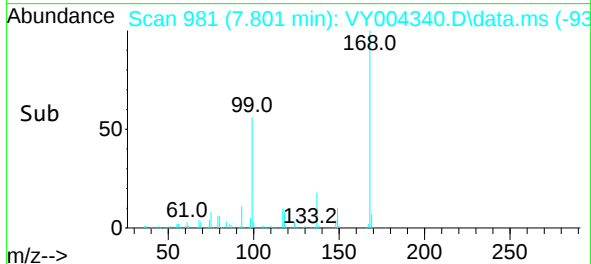
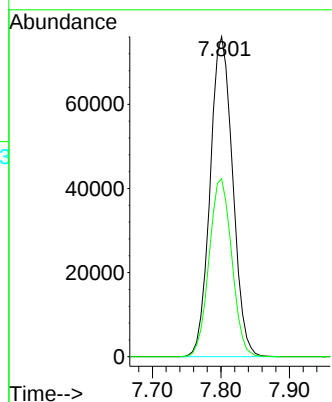
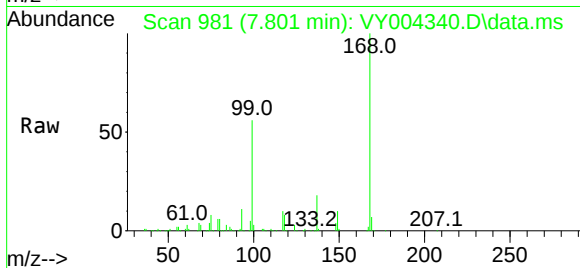




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

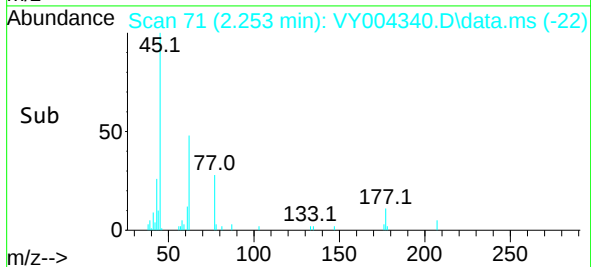
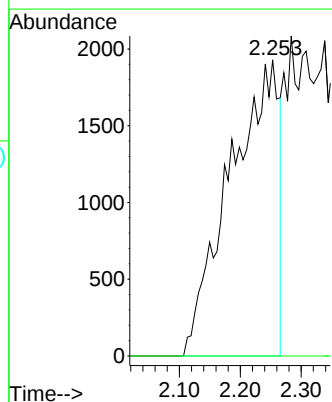
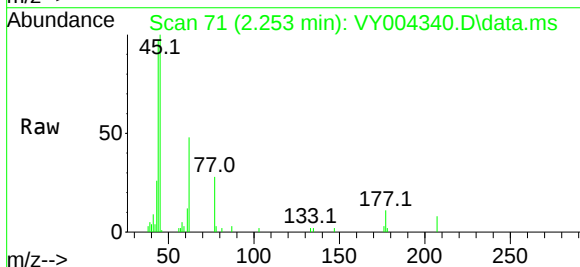
Instrument :
MSVOA_Y
ClientSampleId :

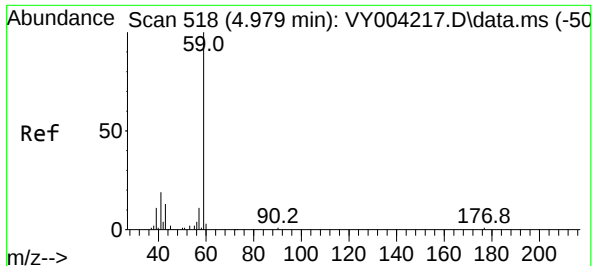
Tgt Ion:168 Resp: 173810
Ion Ratio Lower Upper
168 100
99 55.6 42.6 64.0



#4
Vinyl Chloride
Concen: 4.71 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

Tgt Ion: 62 Resp: 10667
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#

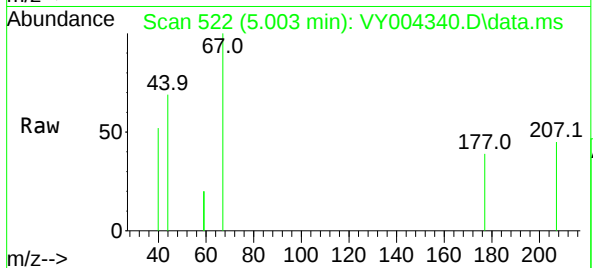




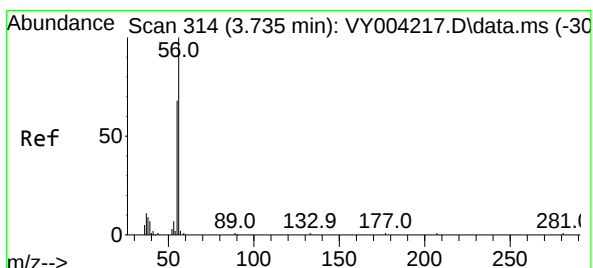
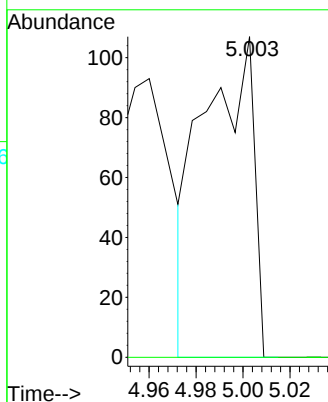
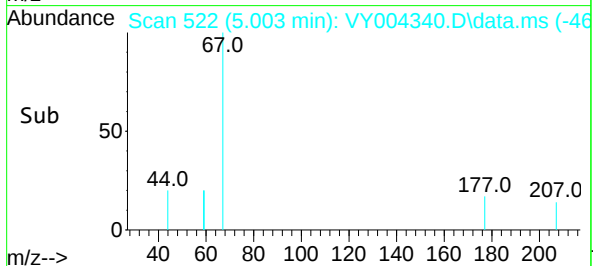
#11

Tert butyl alcohol
Concen: 1.16 ug/l
RT: 5.003 min Scan# 522
Delta R.T. 0.024 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

Instrument :
MSVOA_Y
ClientSampled :

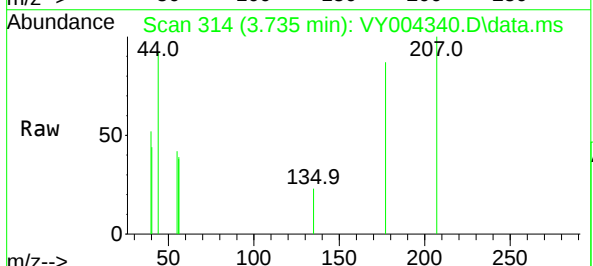


Tgt Ion: 59 Resp: 158
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

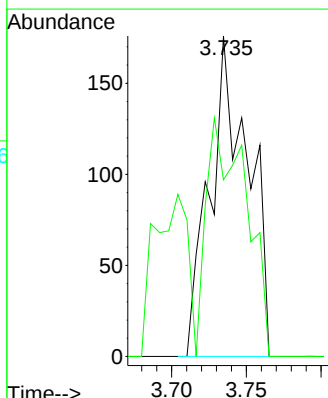
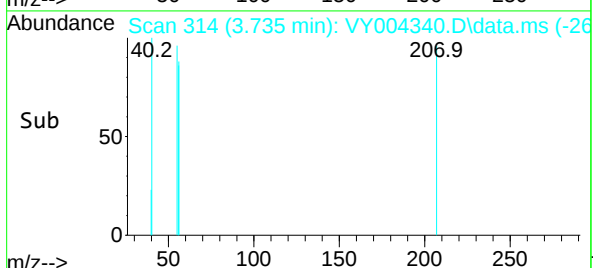


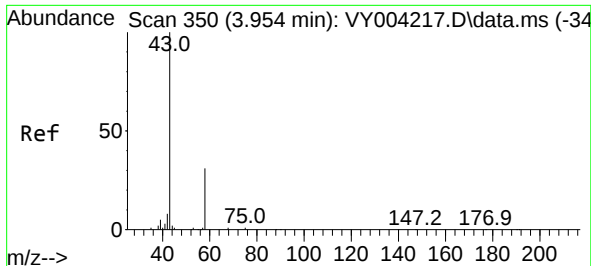
#13

Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05



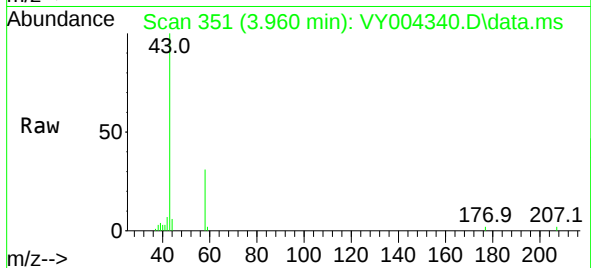
Tgt Ion: 56 Resp: 312
Ion Ratio Lower Upper
56 100
55 77.9 55.0 82.4



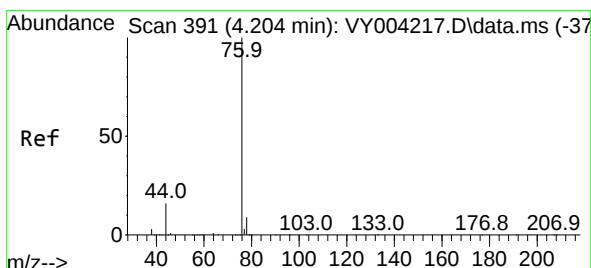
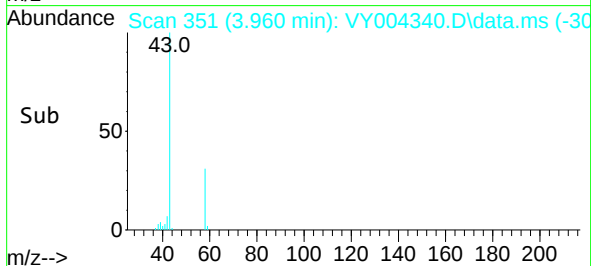
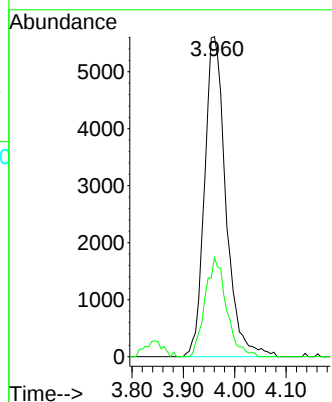


#16
Acetone
Concen: 46.61 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

Instrument :
MSVOA_Y
ClientSampled :

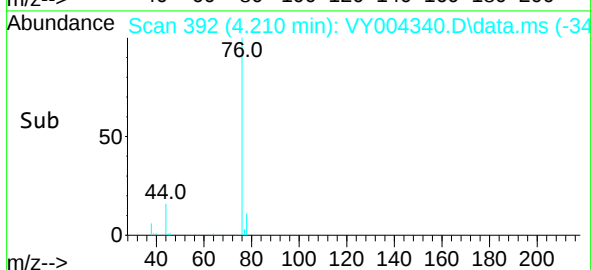
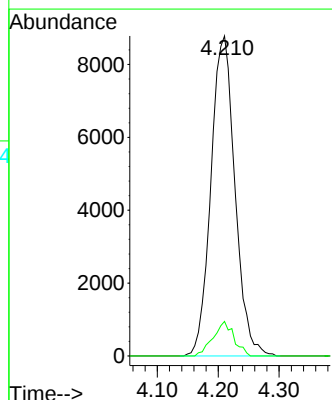
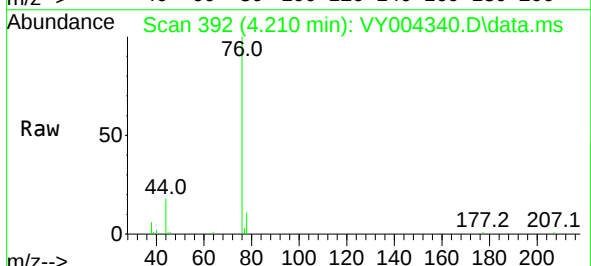


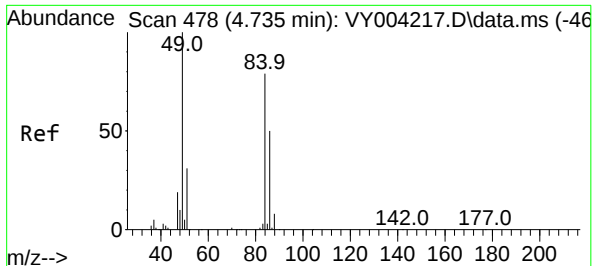
Tgt Ion: 43 Resp: 16226
Ion Ratio Lower Upper
43 100
58 30.9 24.5 36.7



#17
Carbon Disulfide
Concen: 5.82 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

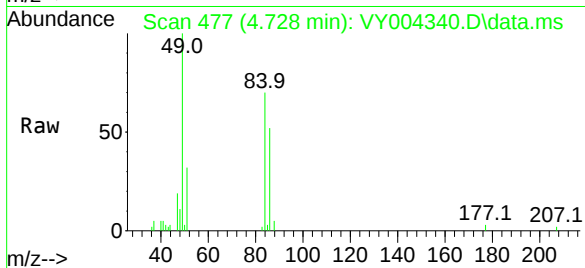
Tgt Ion: 76 Resp: 24080
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.2





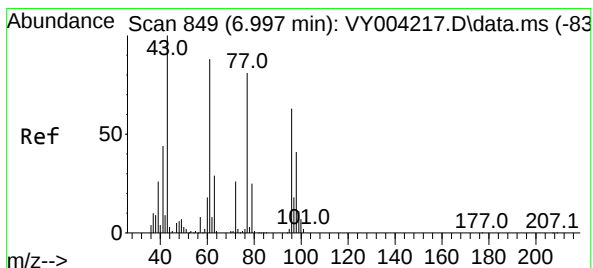
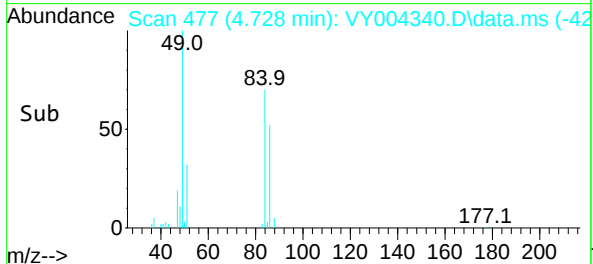
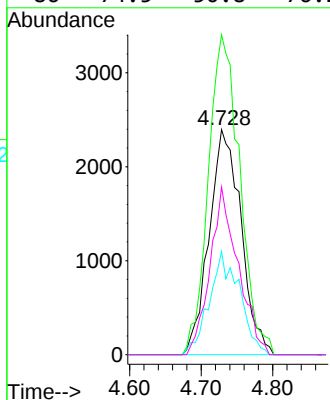
#20
Methylene Chloride
Concen: 1.92 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.007 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 7416

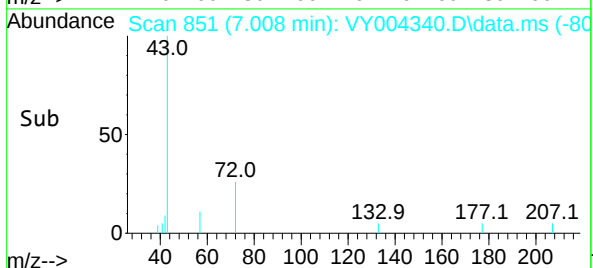
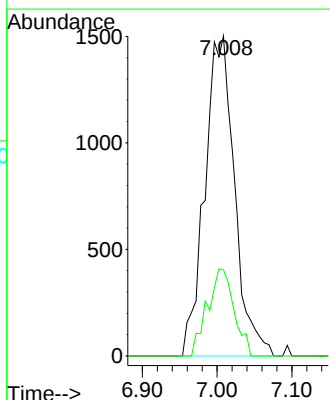
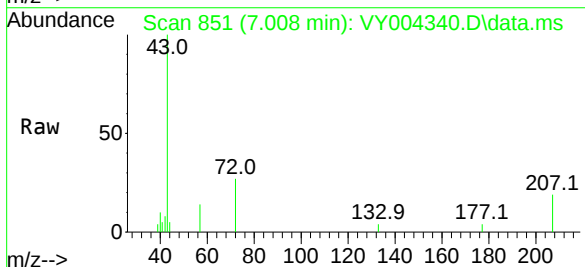
Ion	Ratio	Lower	Upper
84	100		
49	142.2	101.5	152.3
51	45.9	31.5	47.3
86	74.5	50.8	76.2

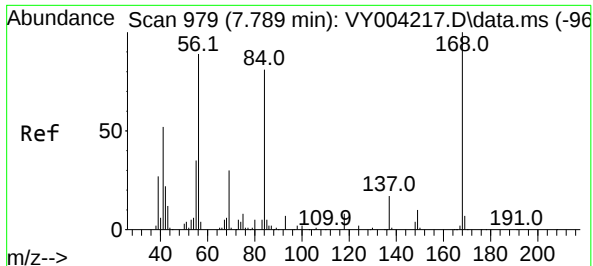


#25
2-Butanone
Concen: 7.16 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

Tgt Ion: 43 Resp: 4164

Ion	Ratio	Lower	Upper
43	100		
72	26.9	21.0	31.6

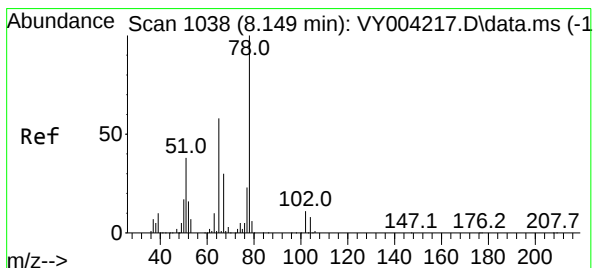
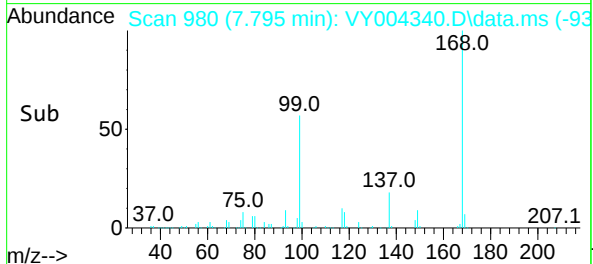
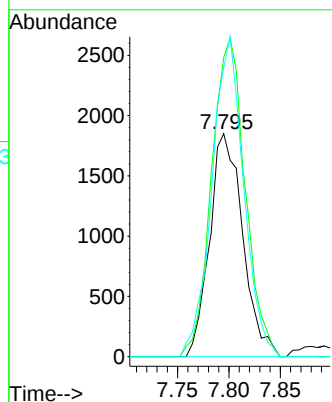
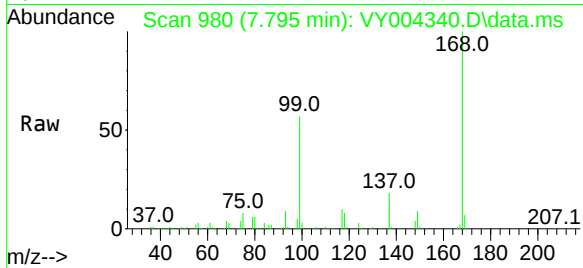




#31
Cyclohexane
Concen: 1.40 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

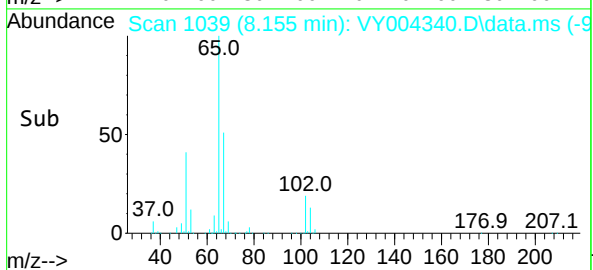
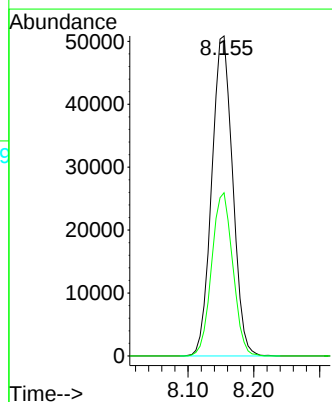
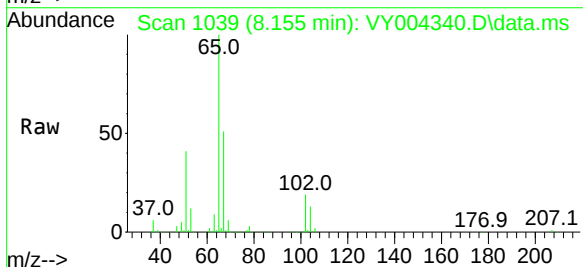
Instrument :
MSVOA_Y
ClientSampleId :

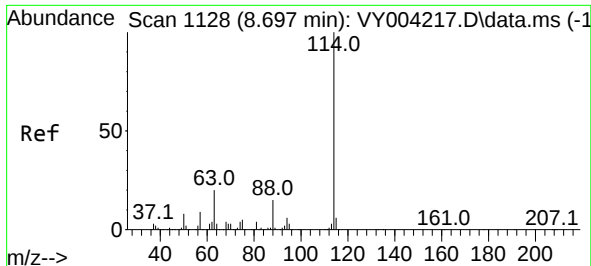
Tgt Ion: 56 Resp: 4134
Ion Ratio Lower Upper
56 100
69 134.1 26.6 40.0#
84 129.7 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 67.30 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

Tgt Ion: 65 Resp: 112444
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.2

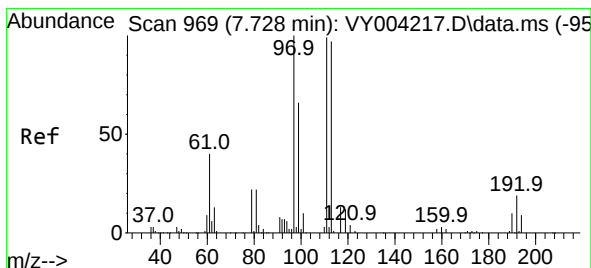
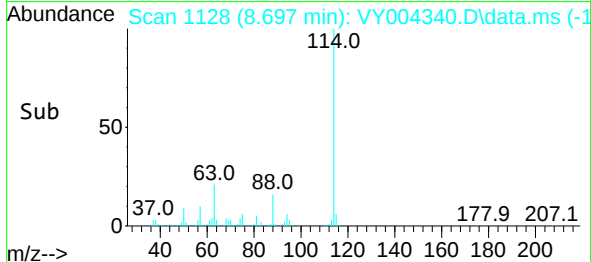
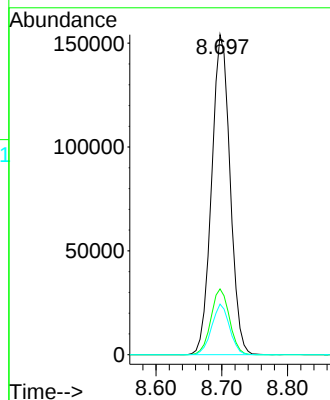
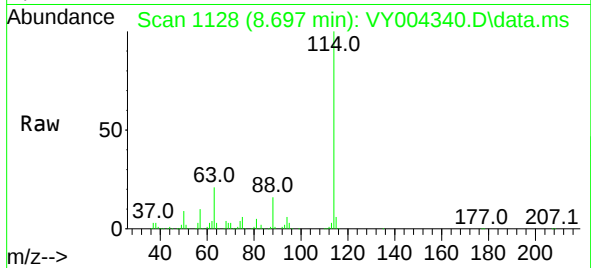




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

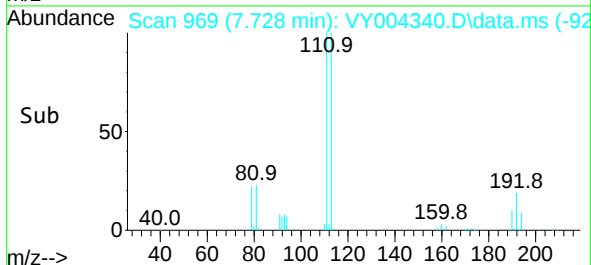
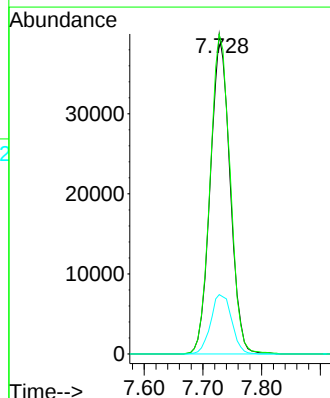
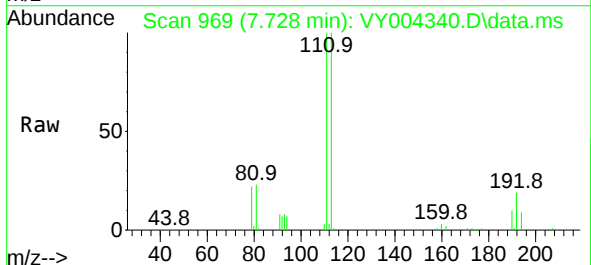
Instrument :
MSVOA_Y
ClientSampleId :

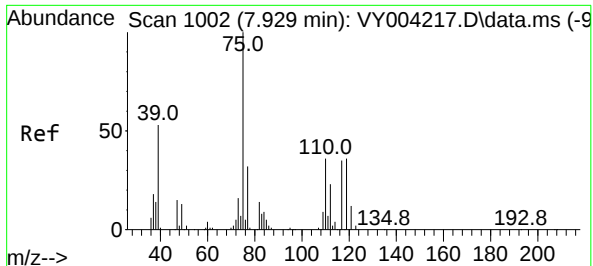
Tgt Ion:114 Resp: 300573
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.4
88 15.8 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.06 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

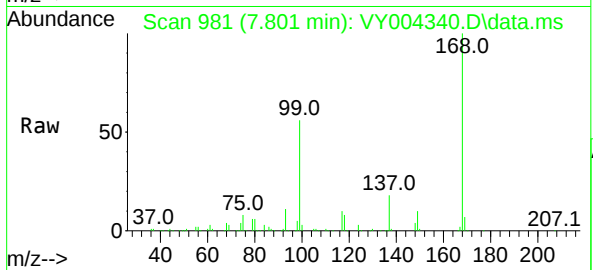
Tgt Ion:113 Resp: 92213
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.9 16.4 24.6



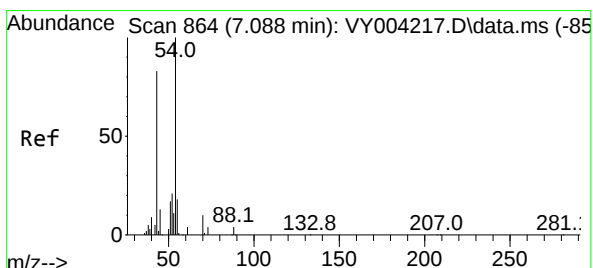
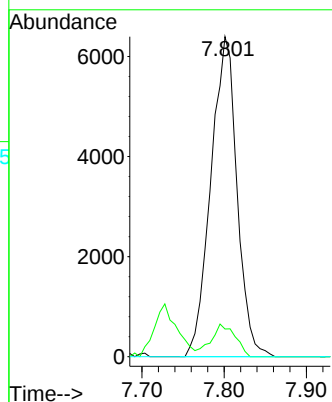
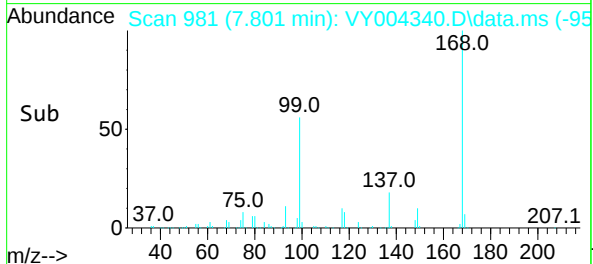


#36
1,1-Dichloropropene
Concen: 5.16 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

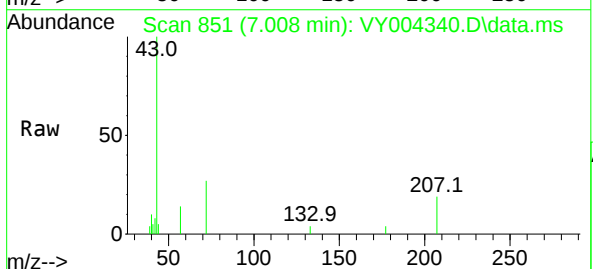
Instrument :
MSVOA_Y
ClientSampleId :



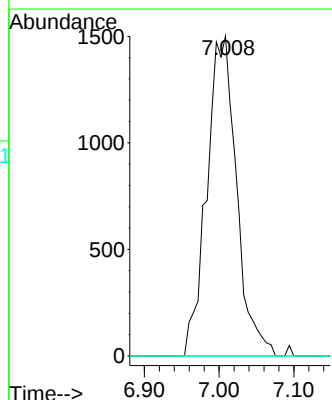
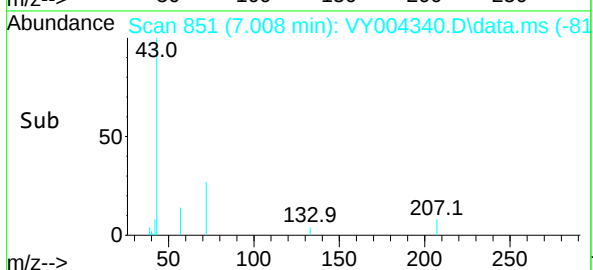
Tgt Ion: 75 Resp: 14160
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.3#
77 0.0 25.1 37.7#

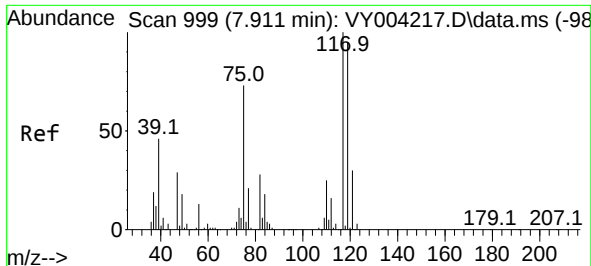


#37
Ethyl Acetate
Concen: 2.59 ug/l
RT: 7.008 min Scan# 851
Delta R.T. -0.079 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05



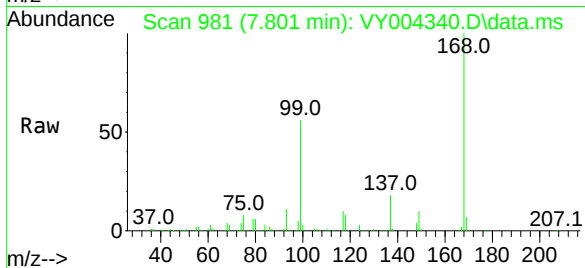
Tgt Ion: 43 Resp: 4164
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 0.0 8.0 12.0#



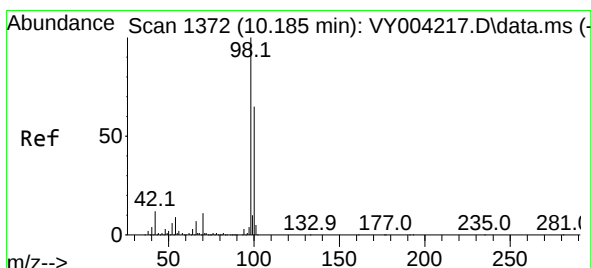
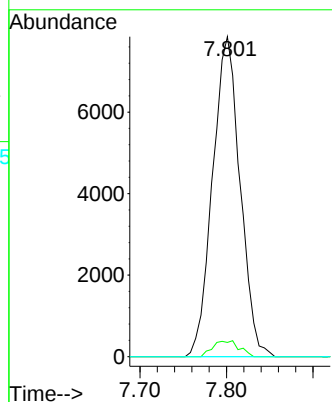
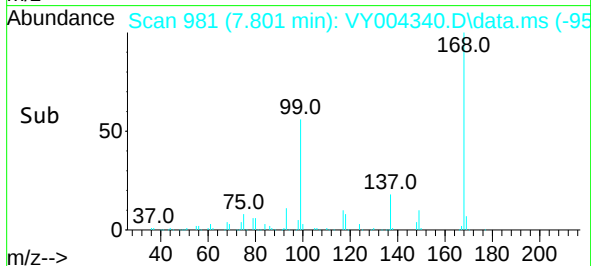


#38
Carbon Tetrachloride
Concen: 7.25 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

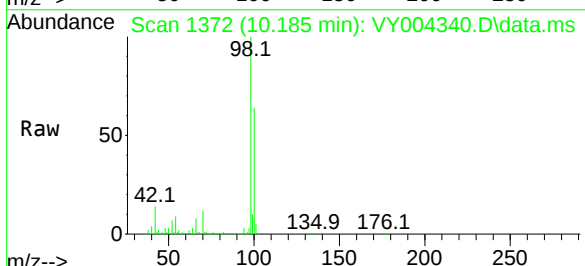
Instrument :
MSVOA_Y
ClientSampled :



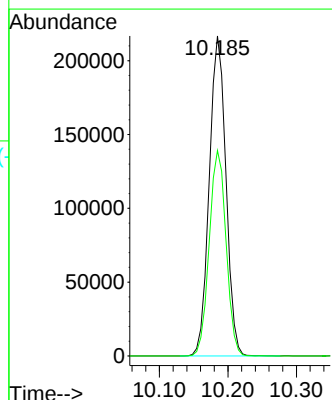
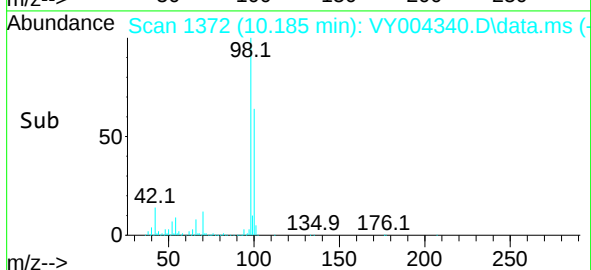
Tgt Ion:117 Resp: 17301
Ion Ratio Lower Upper
117 100
119 4.5 75.6 113.4#
121 0.0 24.3 36.5#

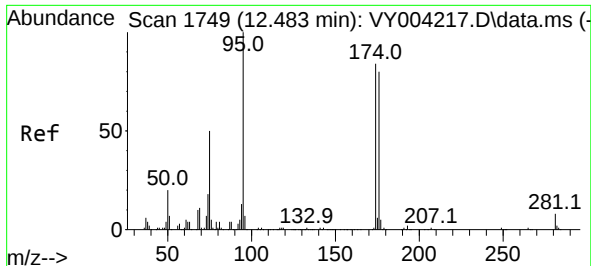


#50
Toluene-d8
Concen: 58.28 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05



Tgt Ion: 98 Resp: 367111
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7

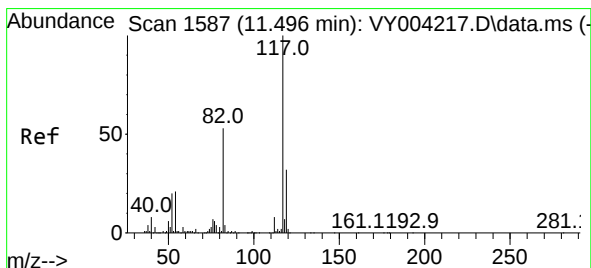
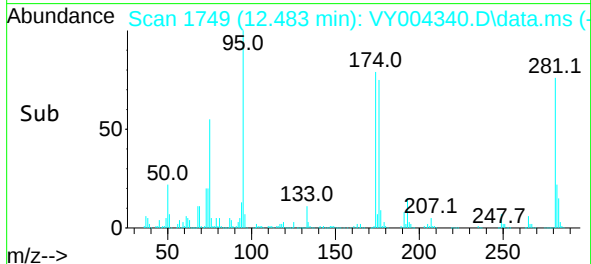
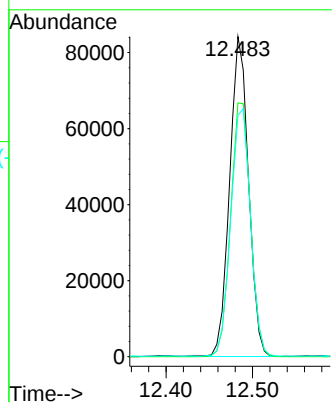
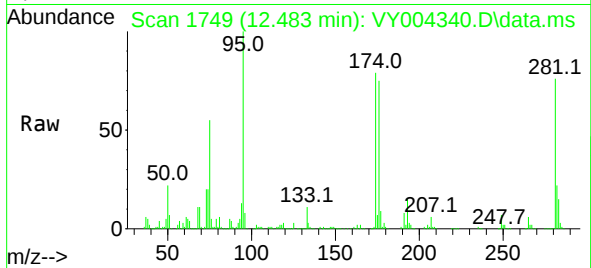




#62
4-Bromofluorobenzene
Concen: 58.98 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

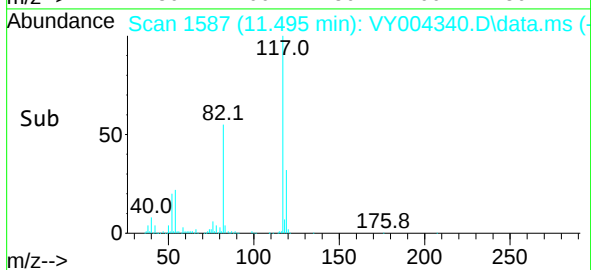
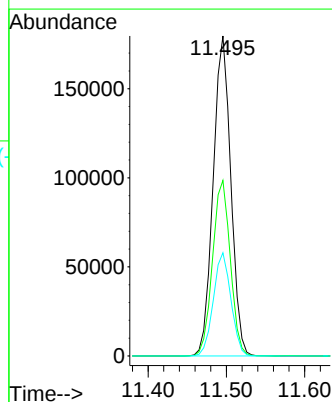
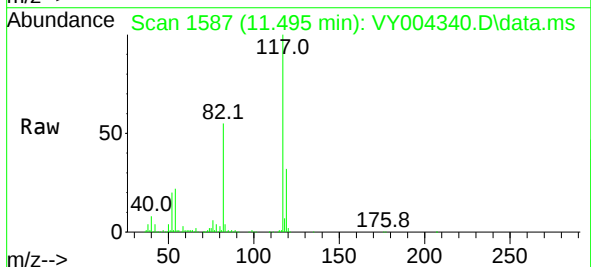
Instrument :
MSVOA_Y
ClientSampleId :

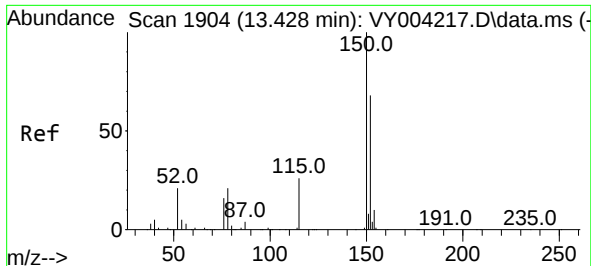
Tgt Ion: 95 Resp: 127338
Ion Ratio Lower Upper
95 100
174 83.2 0.0 171.4
176 81.2 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

Tgt Ion: 117 Resp: 281083
Ion Ratio Lower Upper
117 100
82 54.8 42.7 64.1
119 32.2 25.7 38.5

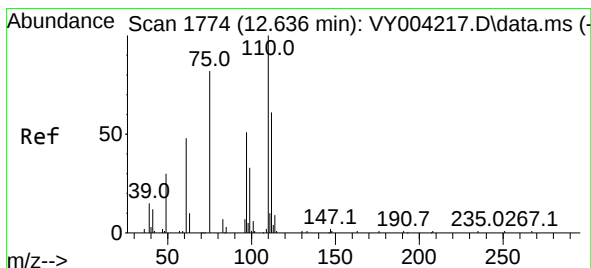
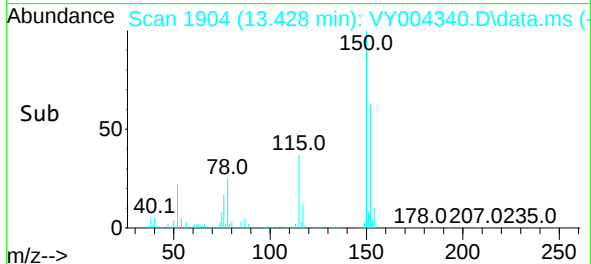
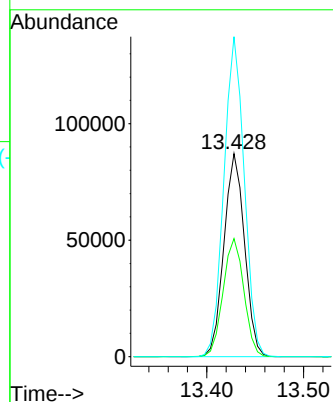
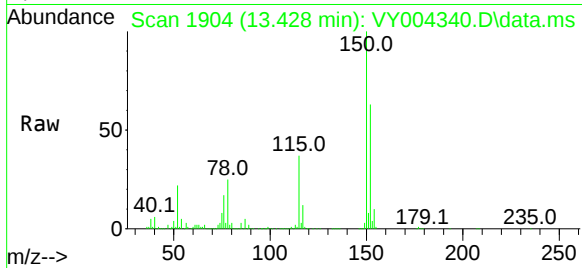




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004340.D
 Acq: 08 Apr 2021 17:05

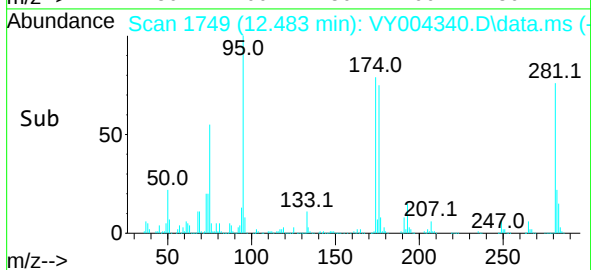
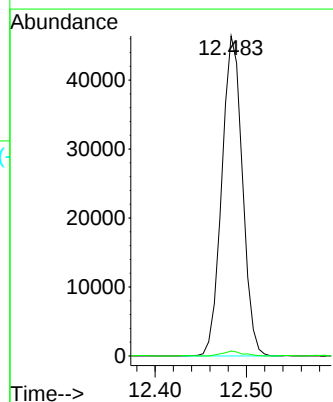
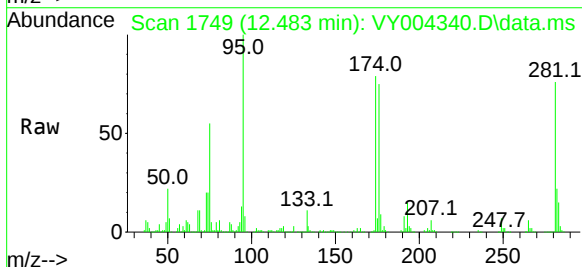
Instrument :
 MSVOA_Y
 ClientSampled :

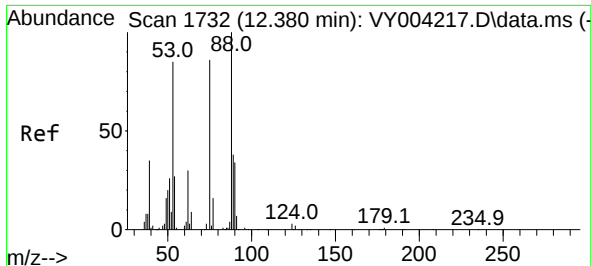
Tgt Ion:152 Resp: 128683
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.0 87.1
 150 156.0 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 62.32 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004340.D
 Acq: 08 Apr 2021 17:05

Tgt Ion: 75 Resp: 72824
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

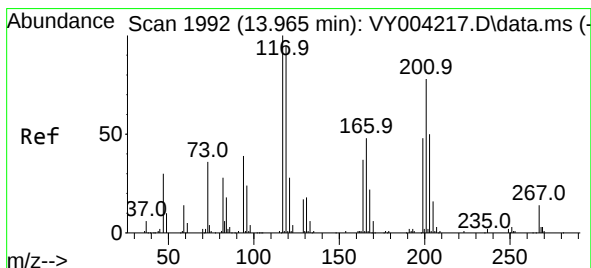
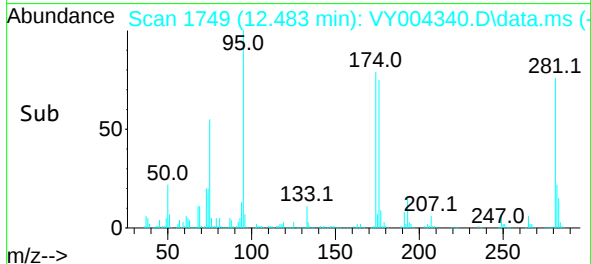
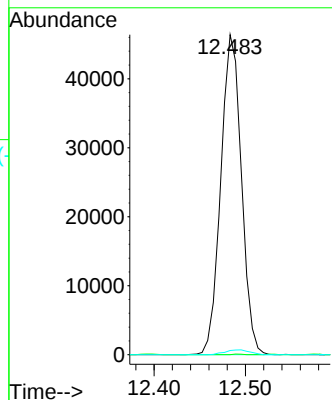
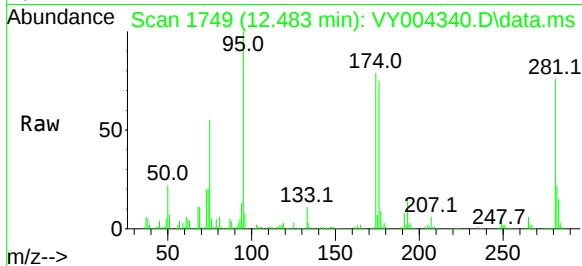




#81
trans-1,4-Dichloro-2-butene
Concen: 114.86 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

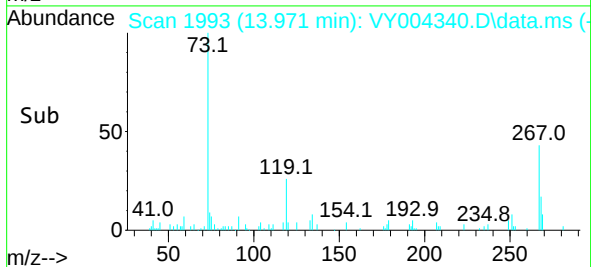
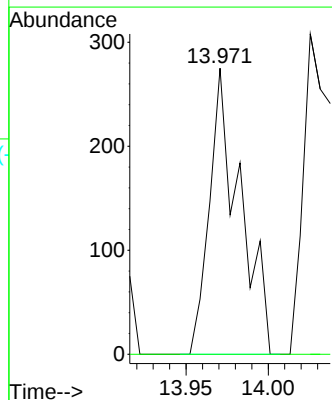
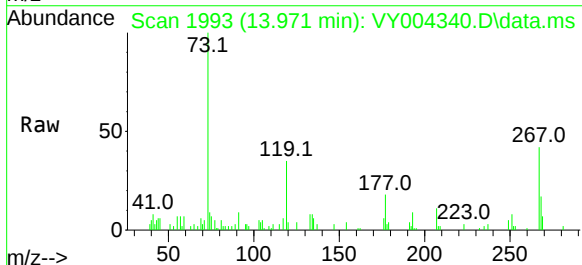
Instrument :
MSVOA_Y
ClientSampled :

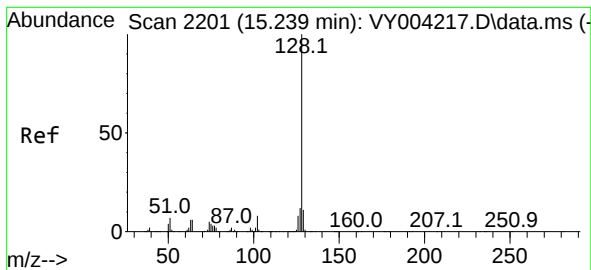
Tgt Ion: 75 Resp: 72824
Ion Ratio Lower Upper
75 100
53 0.1 79.3 118.9#
89 1.8 39.4 59.2#



#90
Hexachloroethane
Concen: 7.68 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

Tgt Ion: 117 Resp: 353
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#





#95
Naphthalene
Concen: 20.46 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004340.D
Acq: 08 Apr 2021 17:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 113677
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.9 13.3

