

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004347.D
 Acq On : 08 Apr 2021 19:48
 Operator : SY/MD
 Sample : M1979-18
 Misc : 4.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 09 03:19:52 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)

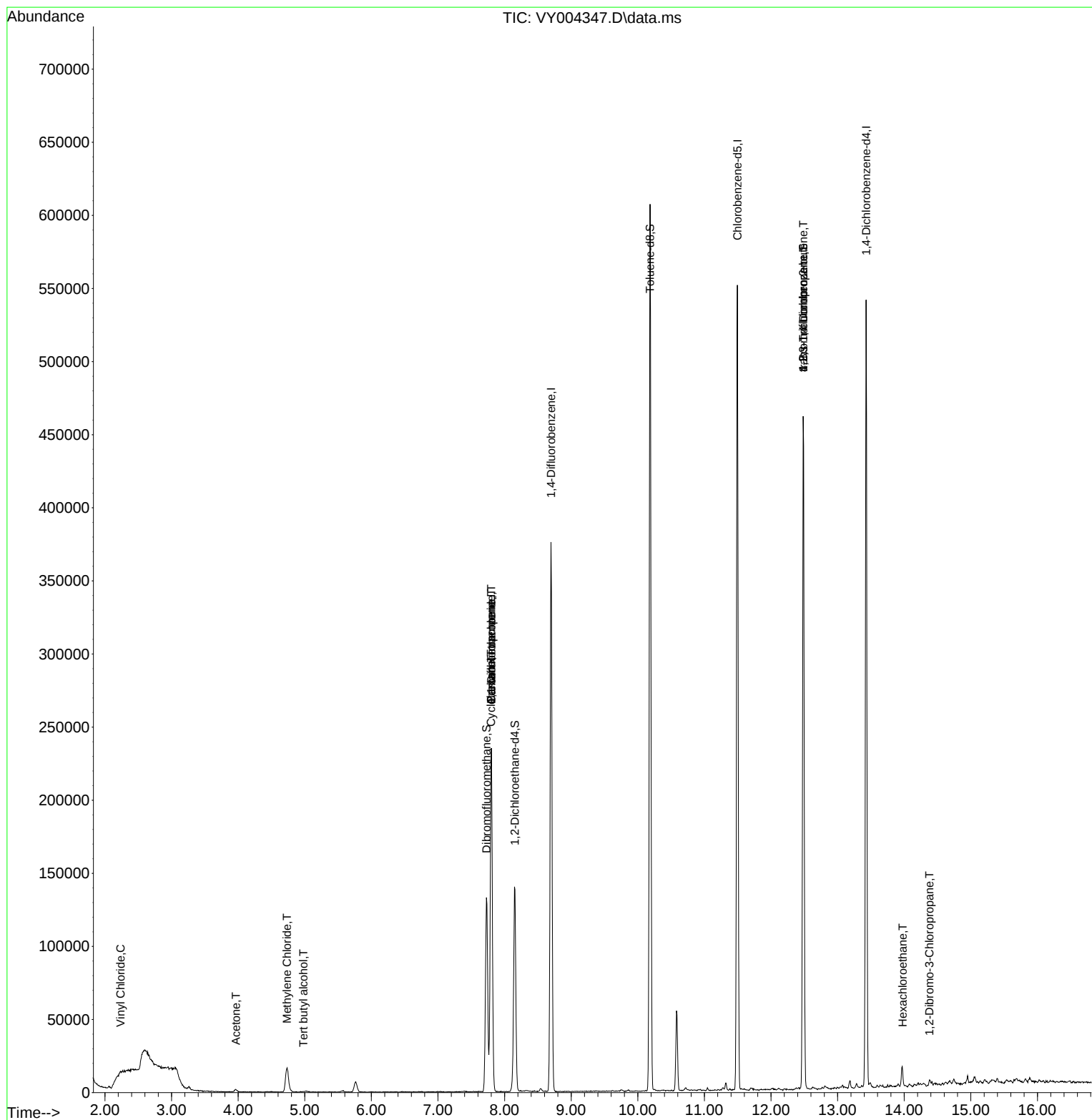
Internal Standards						
1) Pentafluorobenzene	7.801	168	178167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	307279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	285880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	107263	62.63	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.26%			
35) Dibromofluoromethane	7.728	113	92431	53.99	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.98%			
50) Toluene-d8	10.185	98	376124	58.41	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.82%			
62) 4-Bromofluorobenzene	12.483	95	125451	56.84	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.68%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.235	62	7682	3.31	ug/l #	42
11) Tert butyl alcohol	4.978	59	685	4.91	ug/l #	71
16) Acetone	3.966	43	2982	8.36	ug/l	100
20) Methylene Chloride	4.735	84	11982	4.56	ug/l	92
31) Cyclohexane	7.795	56	4209	1.39	ug/l #	22
36) 1,1-Dichloropropene	7.801	75	14159	5.05	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17919	7.35	ug/l #	18
49) 1,4-Dioxane	9.228	88	22	Below Cal	#	29
76) 1,2,3-Trichloropropane	12.483	75	70185	59.60	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70185	109.84	ug/l #	10
90) Hexachloroethane	13.977	117	61	7.35	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.379	75	376	1.15	ug/l #	1

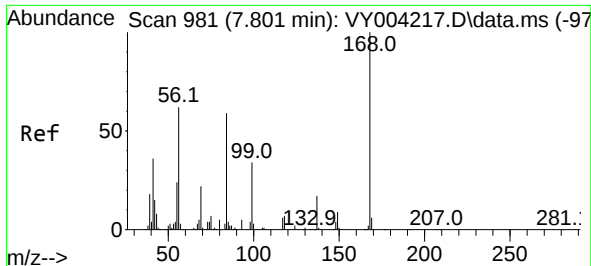
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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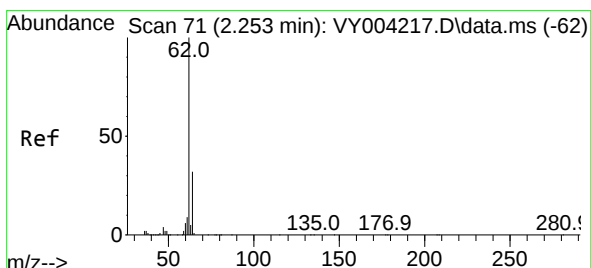
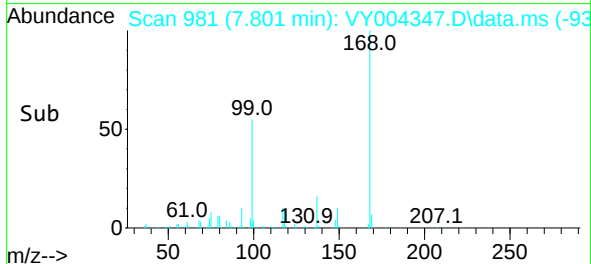
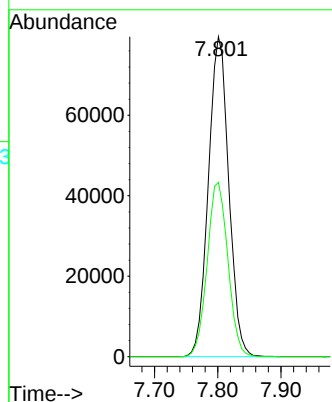
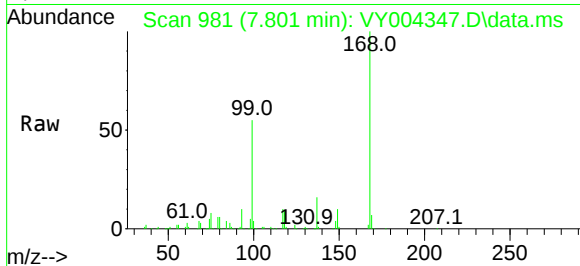




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

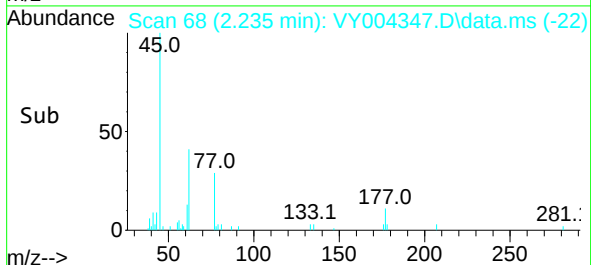
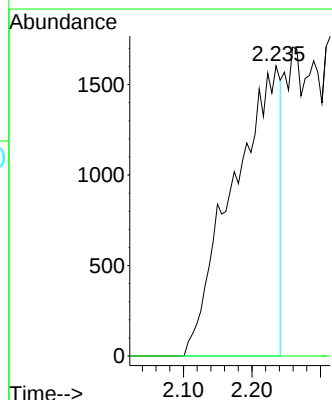
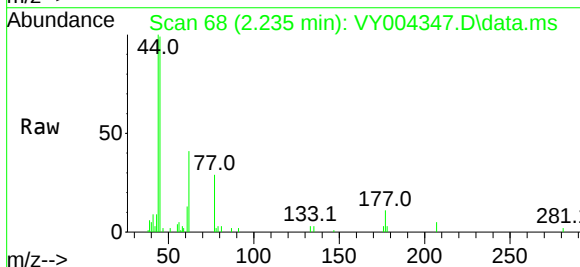
Instrument :
MSVOA_Y
ClientSampleId :

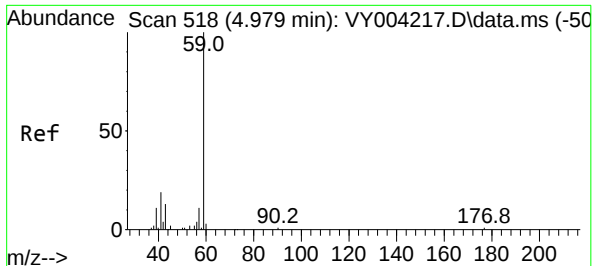
Tgt Ion:168 Resp: 178167
Ion Ratio Lower Upper
168 100
99 54.5 42.6 64.0



#4
Vinyl Chloride
Concen: 3.31 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.018 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

Tgt Ion: 62 Resp: 7682
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



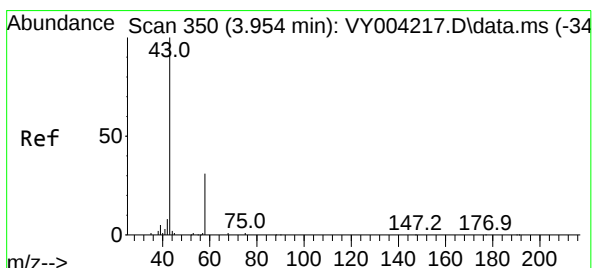
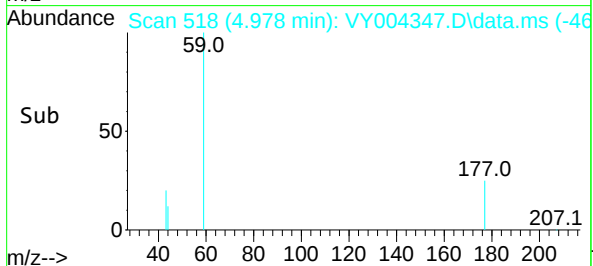
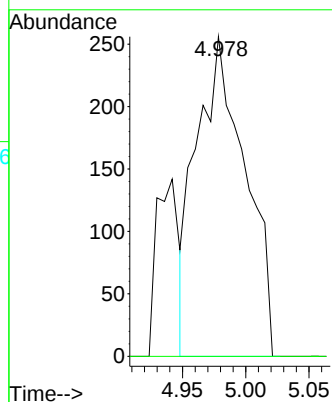
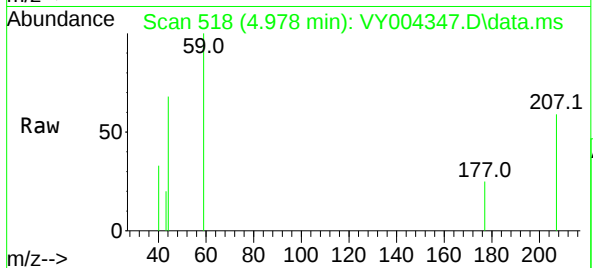


#11

Tert butyl alcohol
Concen: 4.91 ug/l
RT: 4.978 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

Instrument :
MSVOA_Y
ClientSampled :

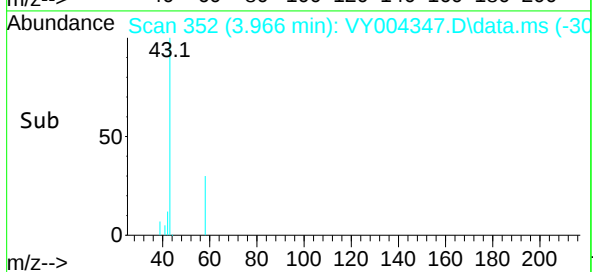
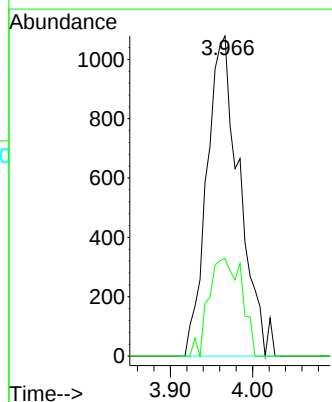
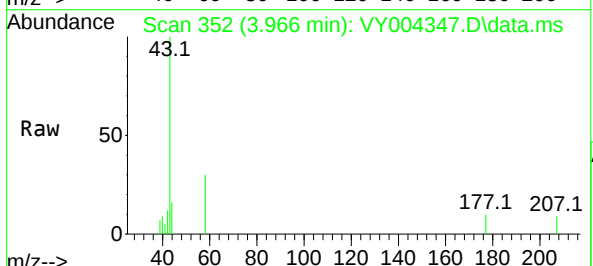
Tgt Ion: 59 Resp: 685
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

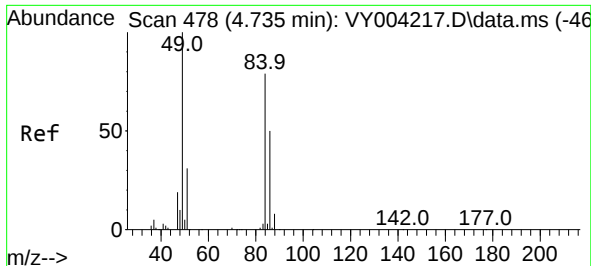


#16

Acetone
Concen: 8.36 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

Tgt Ion: 43 Resp: 2982
Ion Ratio Lower Upper
43 100
58 30.5 24.5 36.7

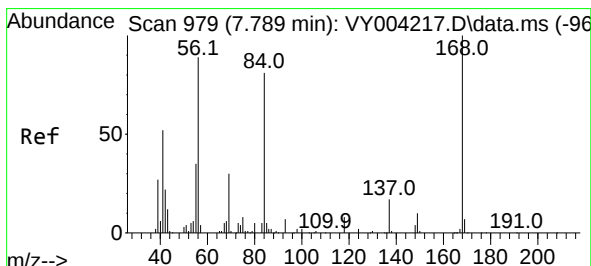
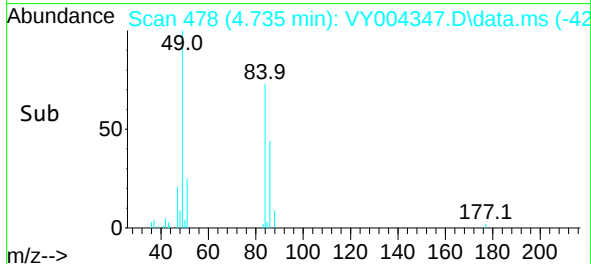
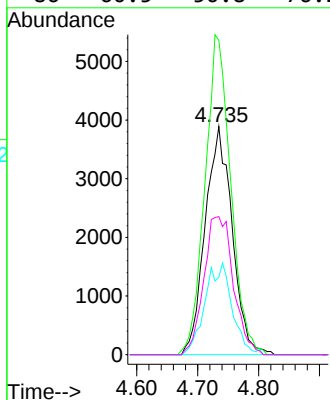
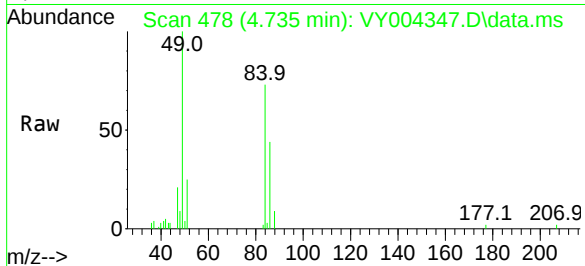




#20
Methylene Chloride
Concen: 4.56 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

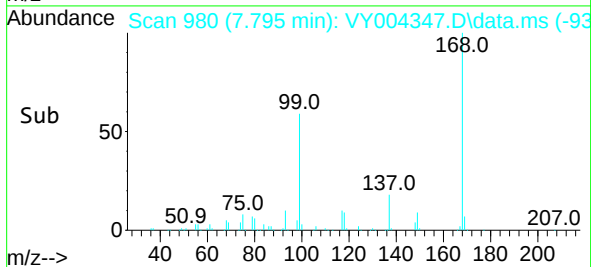
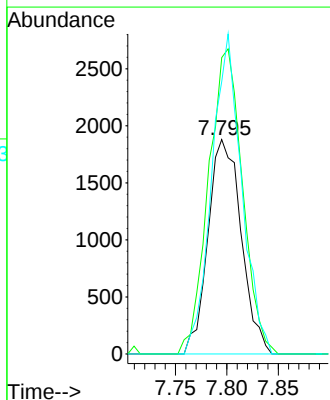
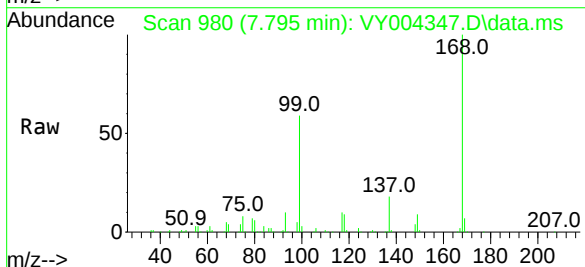
Instrument :
MSVOA_Y
ClientSampleId :

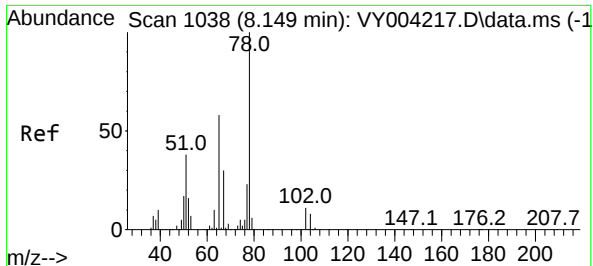
Tgt Ion:	84	Resp:	11982
Ion	Ratio	Lower	Upper
84	100		
49	137.7	101.5	152.3
51	34.0	31.5	47.3
86	60.5	50.8	76.2



#31
Cyclohexane
Concen: 1.39 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

Tgt Ion:	56	Resp:	4209
Ion	Ratio	Lower	Upper
56	100		
69	138.2	26.6	40.0#
84	127.0	72.3	108.5#

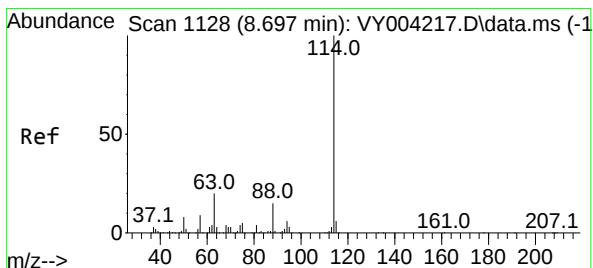
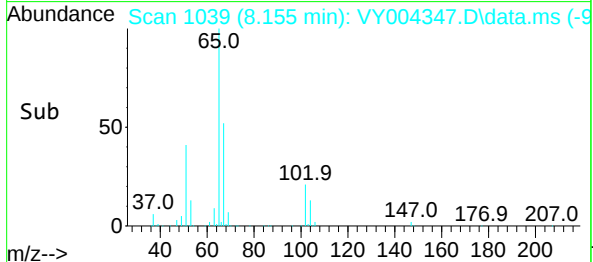
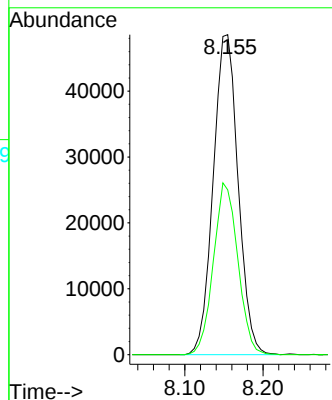
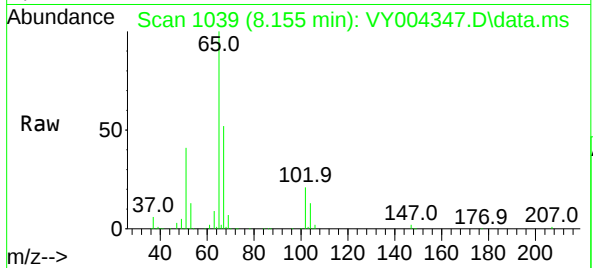




#33
1,2-Dichloroethane-d4
Concen: 62.63 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

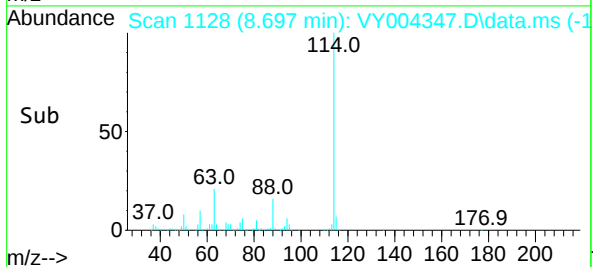
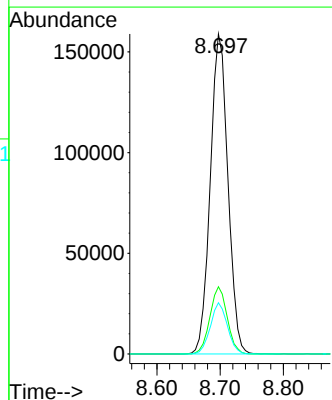
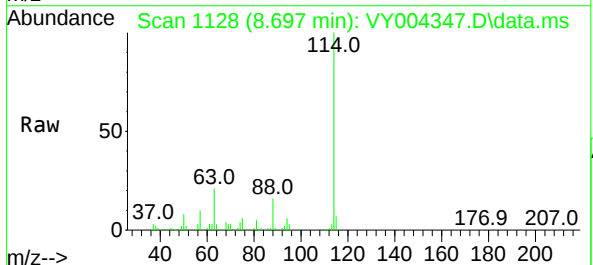
Instrument :
MSVOA_Y
ClientSampled :

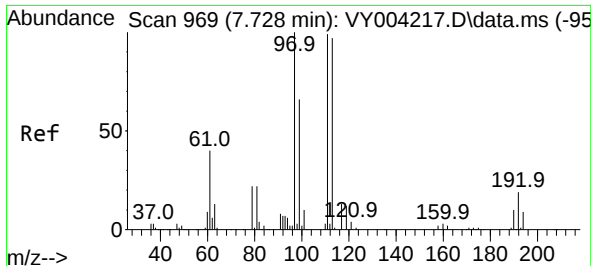
Tgt Ion: 65 Resp: 107263
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

Tgt Ion: 114 Resp: 307279
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.4
88 16.0 0.0 30.8

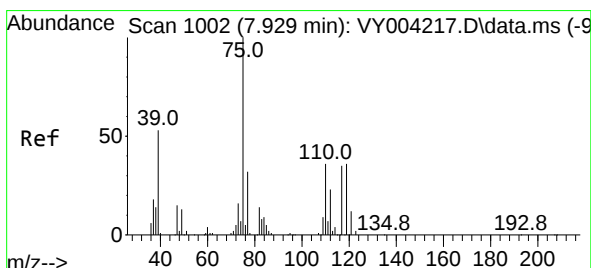
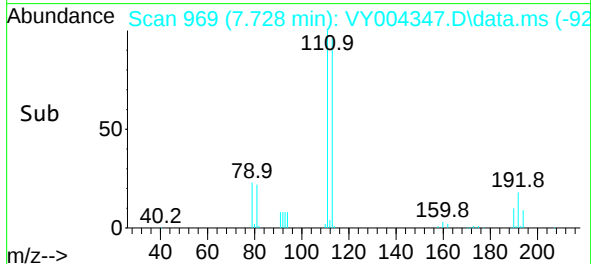
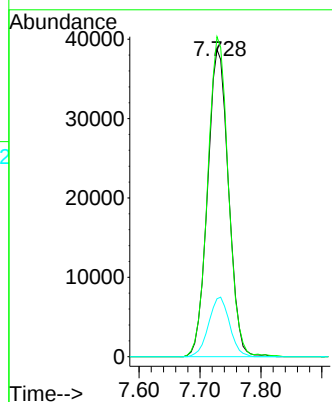
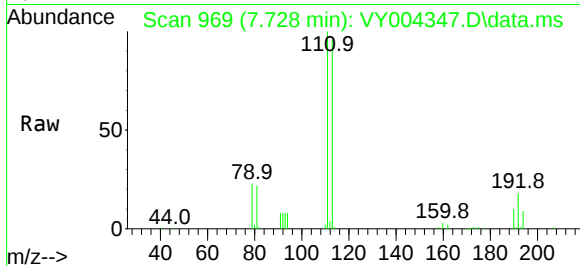




#35
Dibromofluoromethane
Concen: 53.99 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

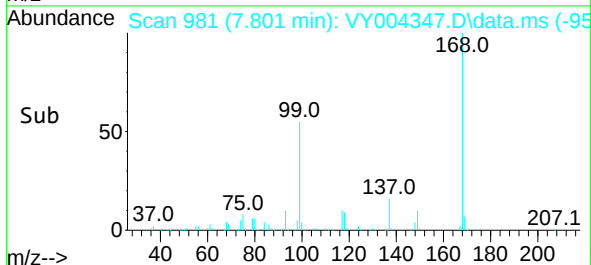
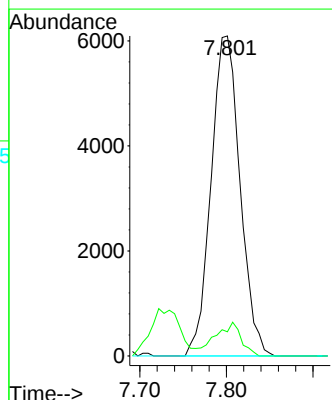
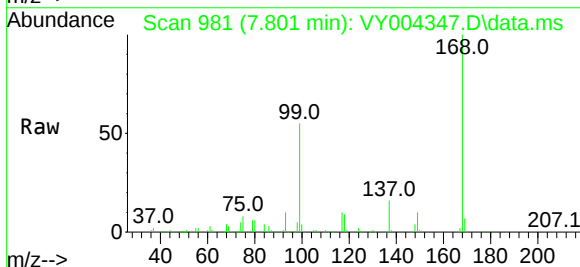
Instrument :
MSVOA_Y
ClientSampleId :

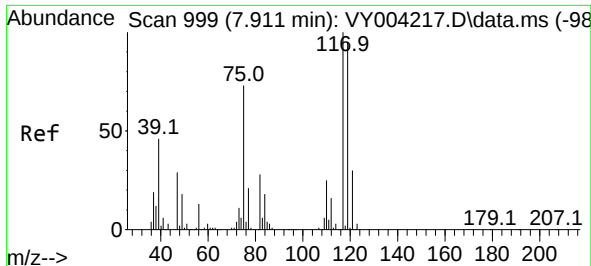
Tgt Ion:	113	Resp:	92431
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	19.3	16.4	24.6



#36
1,1-Dichloropropene
Concen: 5.05 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

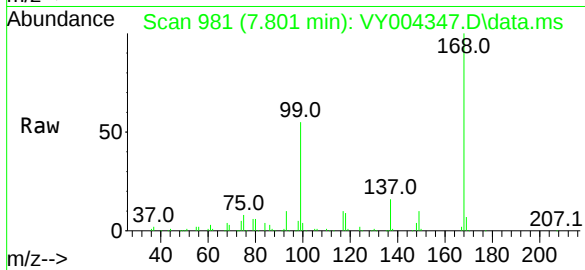
Tgt Ion:	75	Resp:	14159
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.3#
77	0.0	25.1	37.7#



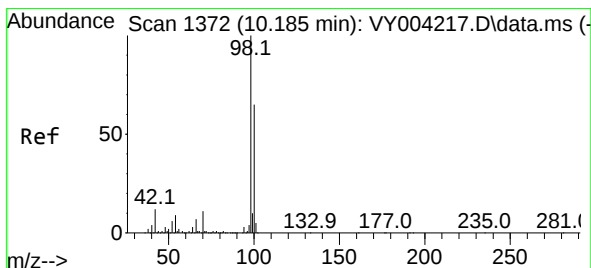
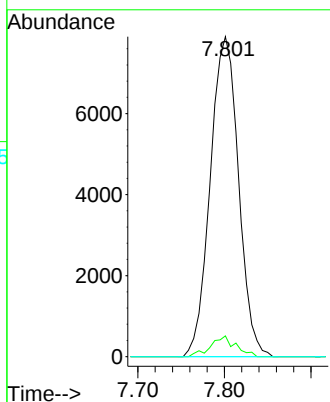
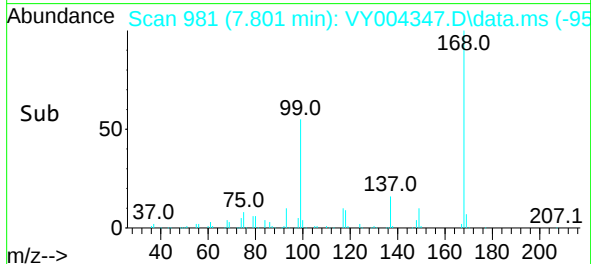


#38
Carbon Tetrachloride
Concen: 7.35 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

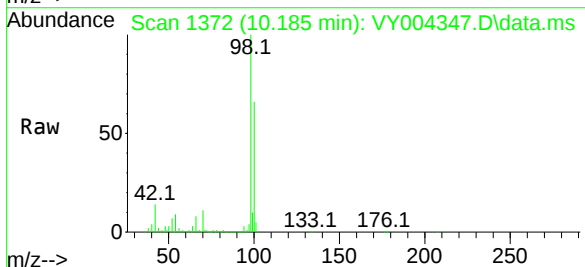
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MSVOA_Y
ClientSampleId :



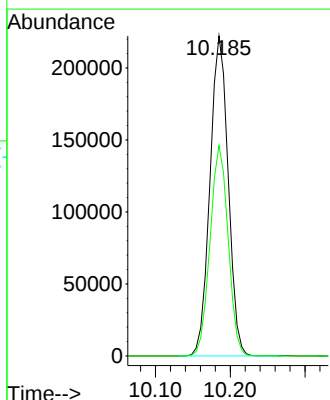
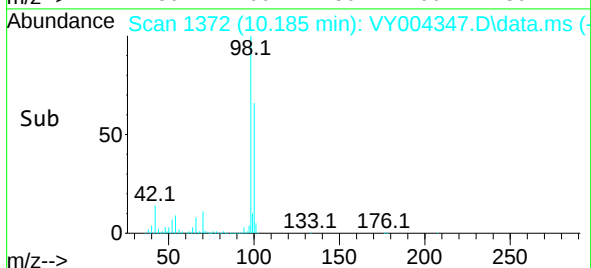
Tgt Ion:117 Resp: 17919
Ion Ratio Lower Upper
117 100
119 6.5 75.6 113.4#
121 0.0 24.3 36.5#

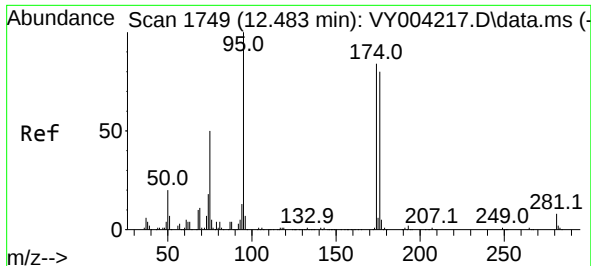


#50
Toluene-d8
Concen: 58.41 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48



Tgt Ion: 98 Resp: 376124
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

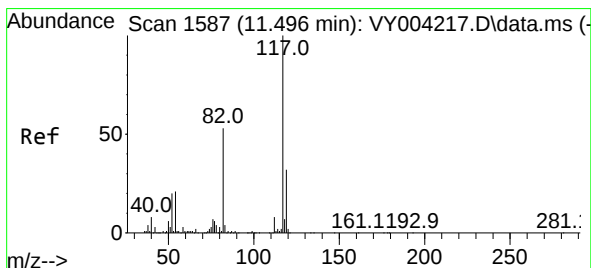
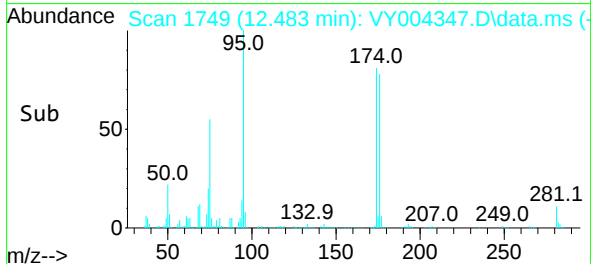
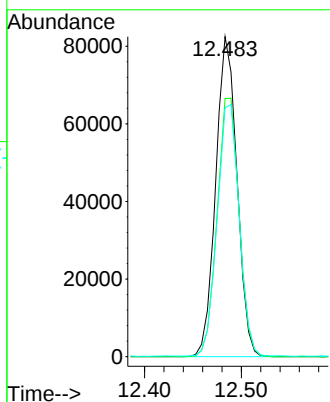
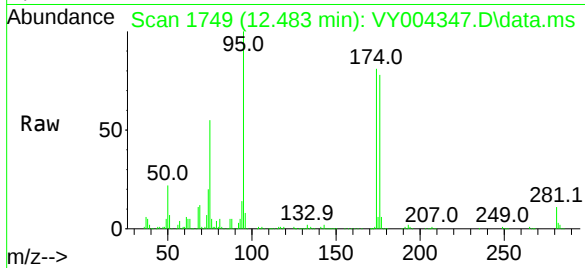




#62
4-Bromofluorobenzene
Concen: 56.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

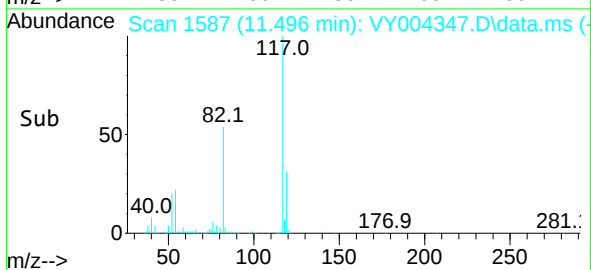
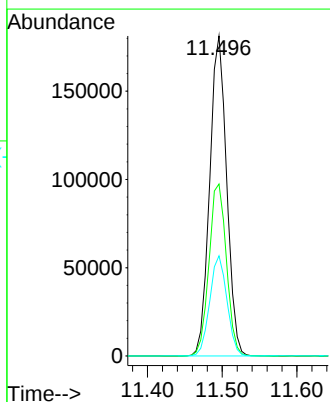
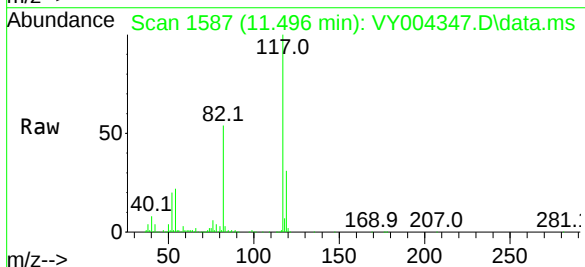
Instrument :
MSVOA_Y
ClientSampleId :

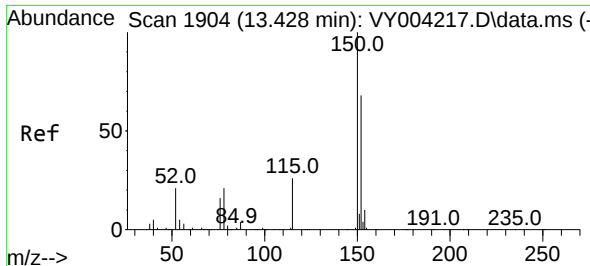
Tgt Ion: 95 Resp: 125451
Ion Ratio Lower Upper
95 100
174 83.6 0.0 171.4
176 81.7 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

Tgt Ion: 117 Resp: 285880
Ion Ratio Lower Upper
117 100
82 53.8 42.7 64.1
119 31.3 25.7 38.5

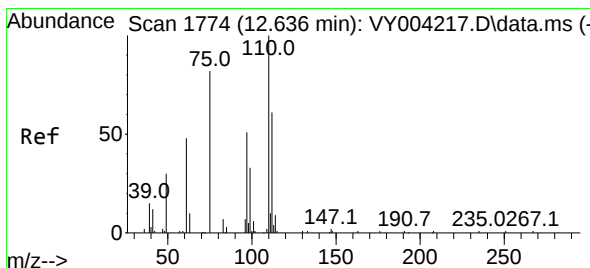
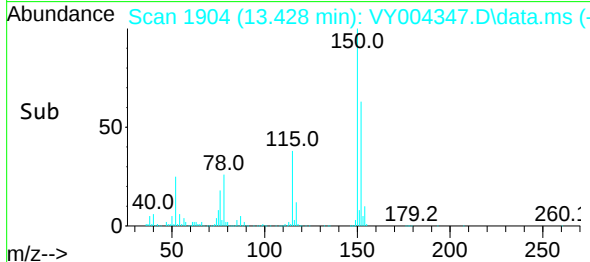
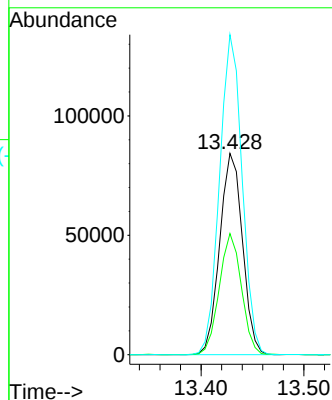
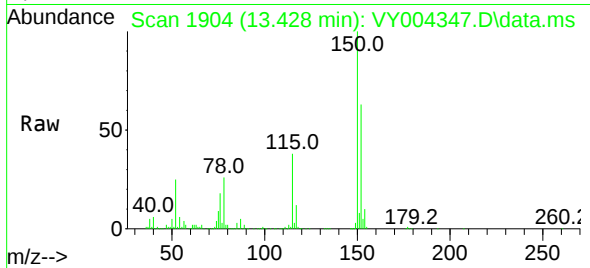




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004347.D
 Acq: 08 Apr 2021 19:48

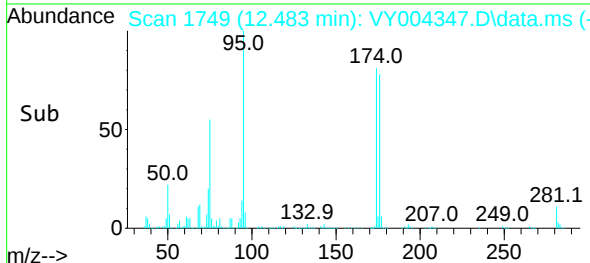
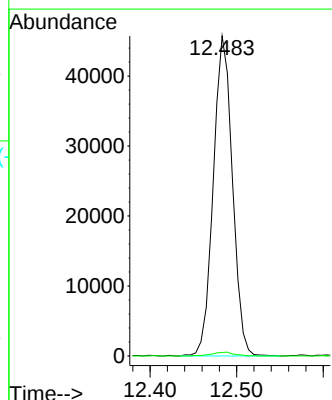
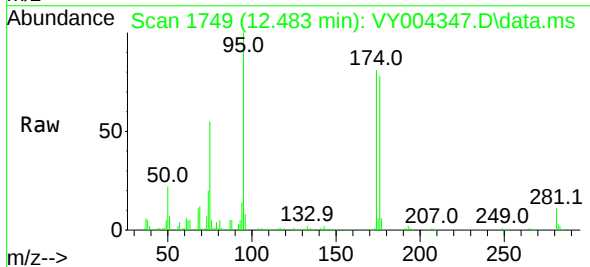
Instrument :
 MSVOA_Y
 ClientSampleId :

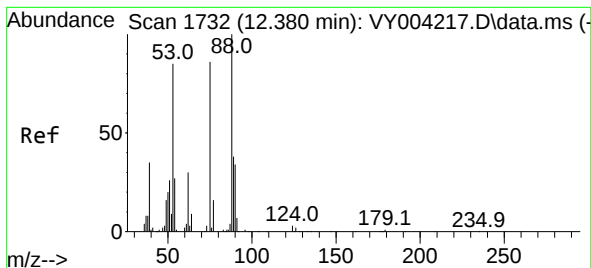
Tgt Ion:152 Resp: 129693
 Ion Ratio Lower Upper
 152 100
 115 58.7 29.0 87.1
 150 157.3 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 59.60 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004347.D
 Acq: 08 Apr 2021 19:48

Tgt Ion: 75 Resp: 70185
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

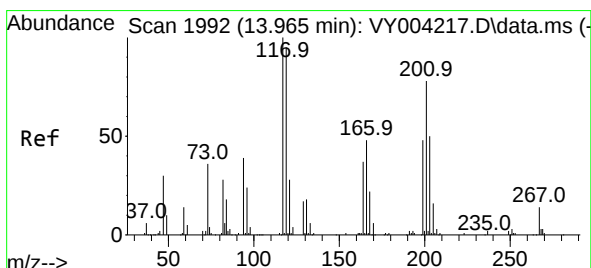
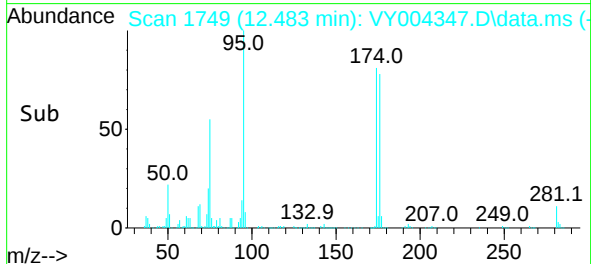
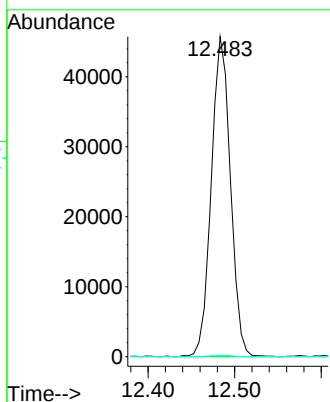
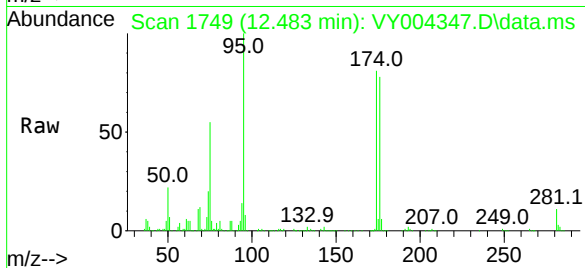




#81
trans-1,4-Dichloro-2-butene
Concen: 109.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

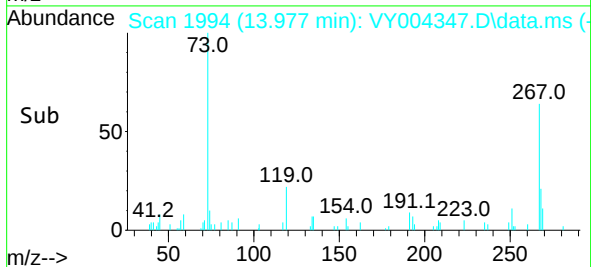
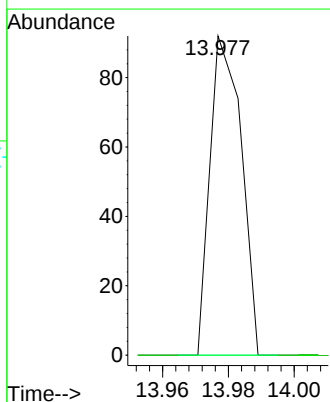
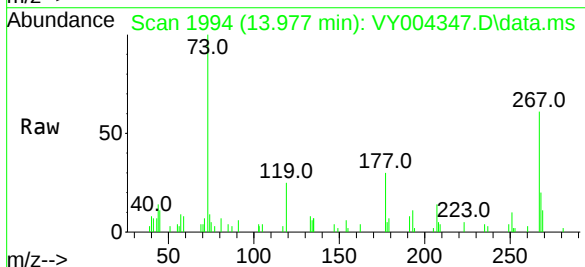
Instrument :
MSVOA_Y
ClientSampleId :

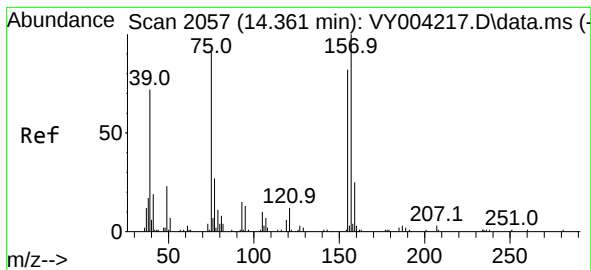
Tgt Ion: 75 Resp: 70185
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.5 39.4 59.2#



#90
Hexachloroethane
Concen: 7.35 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY004347.D
Acq: 08 Apr 2021 19:48

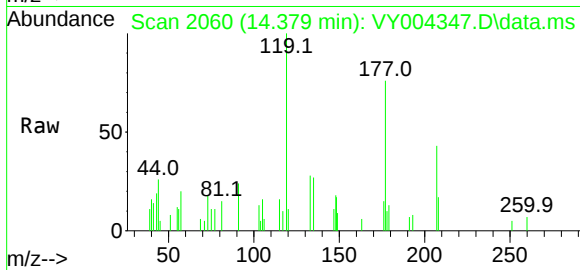
Tgt Ion: 117 Resp: 61
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.15 ug/l
 RT: 14.379 min Scan# 2060
 Delta R.T. 0.018 min
 Lab File: VY004347.D
 Acq: 08 Apr 2021 19:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 376
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.3 138.8#
 157 0.0 58.3 174.9#

