

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040721\
 Data File : VY004312.D
 Acq On : 07 Apr 2021 14:07
 Operator : SY/MD
 Sample : M1953-01
 Misc : 5.66G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 08 01:00:15 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)

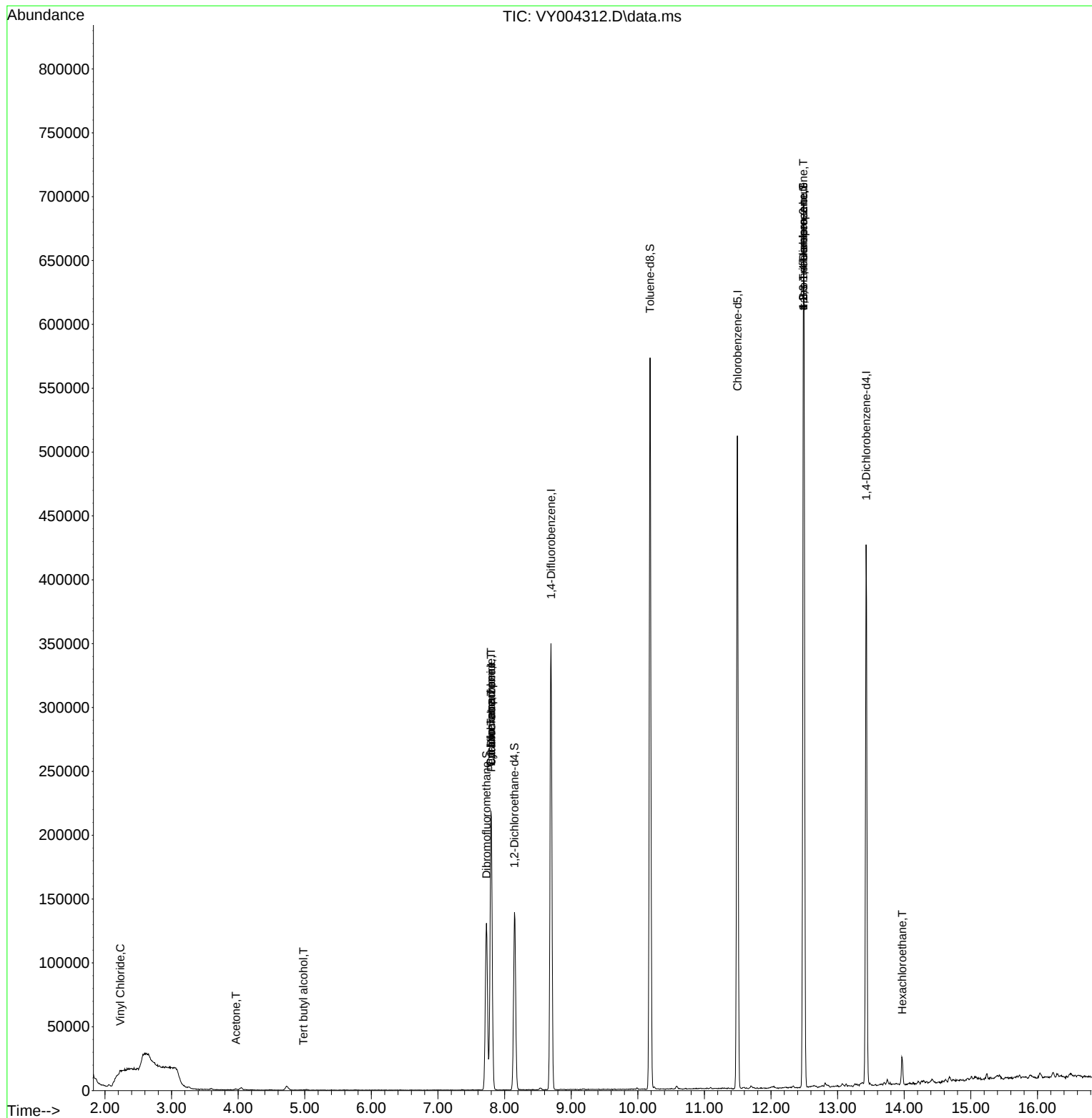
Internal Standards						
1) Pentafluorobenzene	7.801	168	169082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	294013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	261915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107023	65.84	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.68%			
35) Dibromofluoromethane	7.728	113	90895	55.48	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.96%			
50) Toluene-d8	10.185	98	357202	57.97	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.94%			
62) 4-Bromofluorobenzene	12.483	95	112608	53.32	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.64%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.229	62	8245	3.74	ug/l #	42
11) Tert butyl alcohol	4.979	59	612	4.63	ug/l #	71
16) Acetone	3.967	43	1052	3.11	ug/l #	78
20) Methylene Chloride	4.729	84	2153	Below Cal	#	83
31) Cyclohexane	7.795	56	4047	1.41	ug/l #	32
36) 1,1-Dichloropropene	7.795	75	13450	5.01	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16806	7.20	ug/l #	16
49) 1,4-Dioxane	9.313	88	23	Below Cal	#	11
76) 1,2,3-Trichloropropane	12.483	75	64804	69.22	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64804	127.57	ug/l #	11
90) Hexachloroethane	13.971	117	101	7.43	ug/l #	12

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

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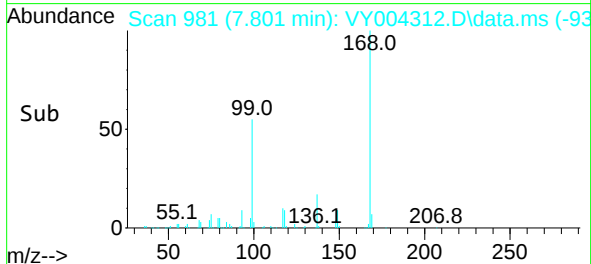
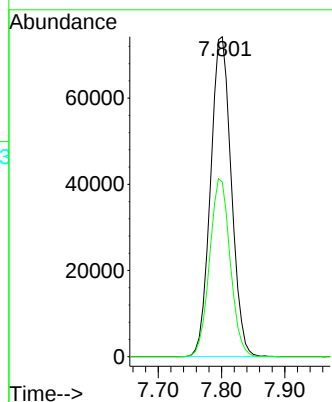
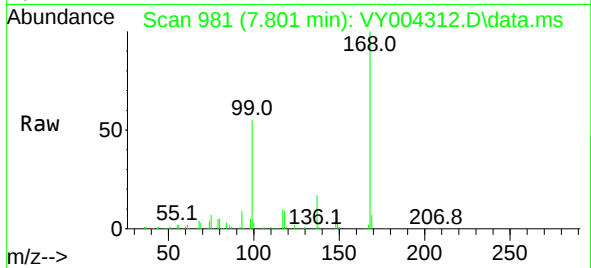




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

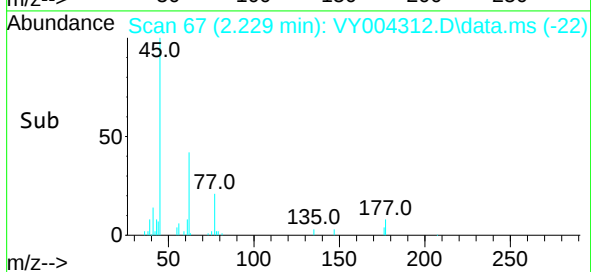
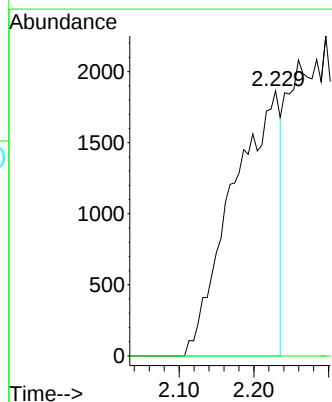
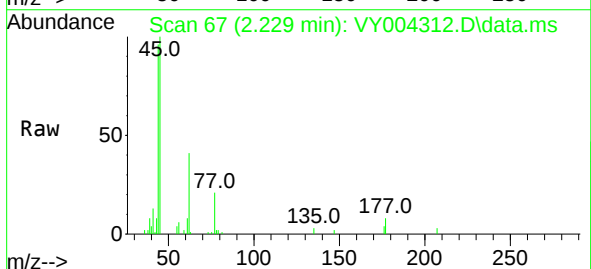
Instrument :
MSVOA_Y
ClientSampled :

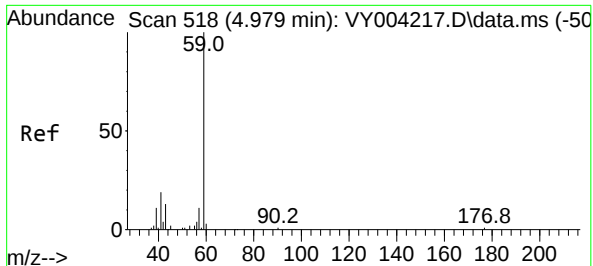
Tgt Ion:168 Resp: 169082
Ion Ratio Lower Upper
168 100
99 54.6 42.6 64.0



#4
Vinyl Chloride
Concen: 3.74 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.024 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

Tgt Ion: 62 Resp: 8245
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



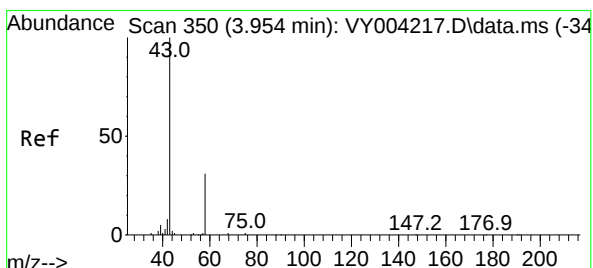
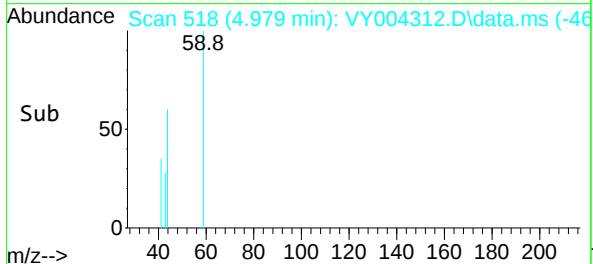
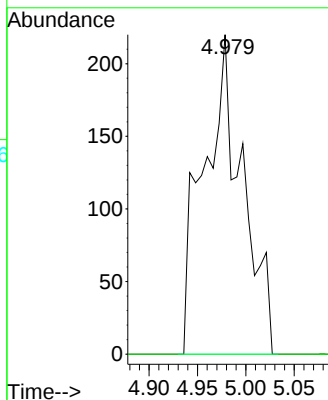
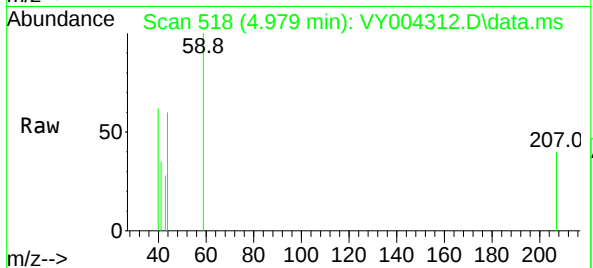


#11

Tert butyl alcohol
Concen: 4.63 ug/l
RT: 4.979 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

Instrument :
MSVOA_Y
ClientSampled :

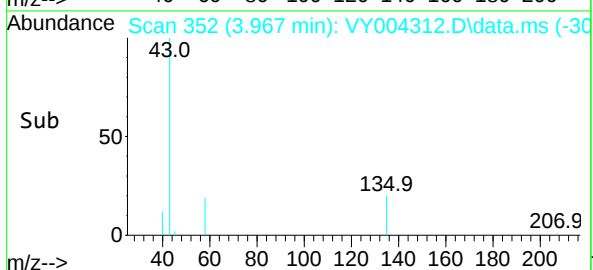
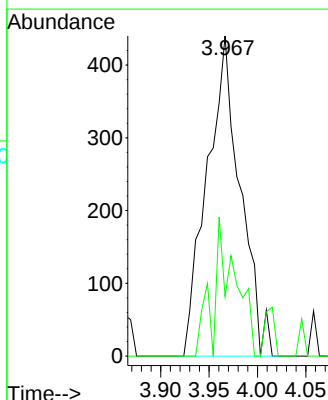
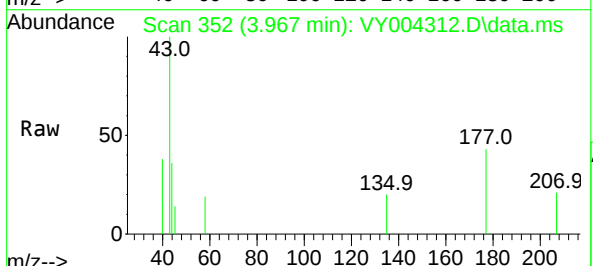
Tgt Ion: 59 Resp: 612
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

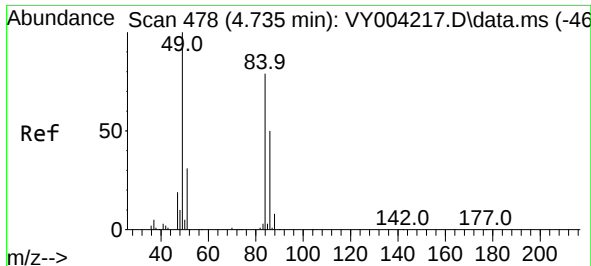


#16

Acetone
Concen: 3.11 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

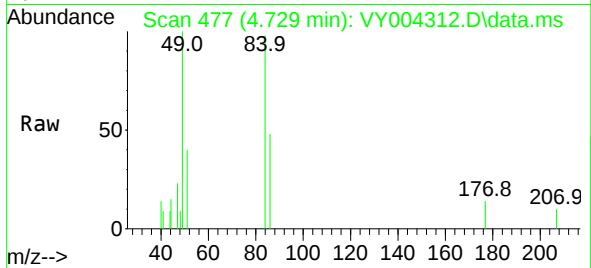
Tgt Ion: 43 Resp: 1052
Ion Ratio Lower Upper
43 100
58 18.6 24.5 36.7#



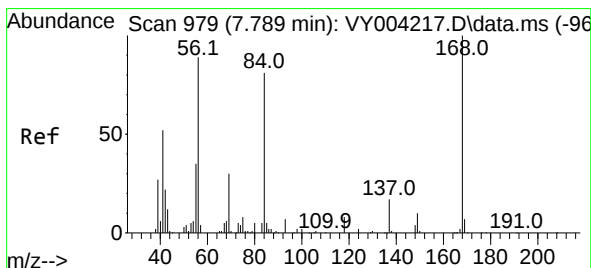
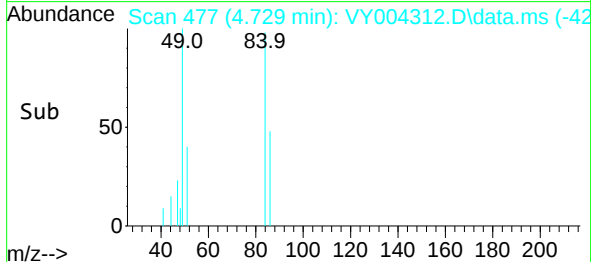
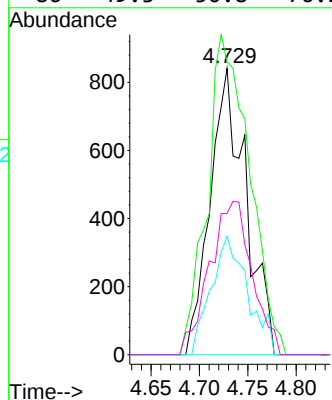


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

Instrument :
MSVOA_Y
ClientSampleId :

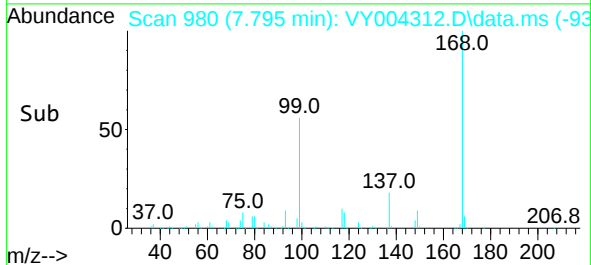
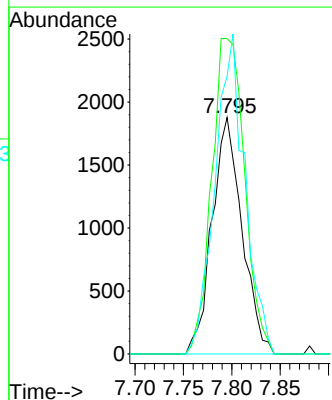
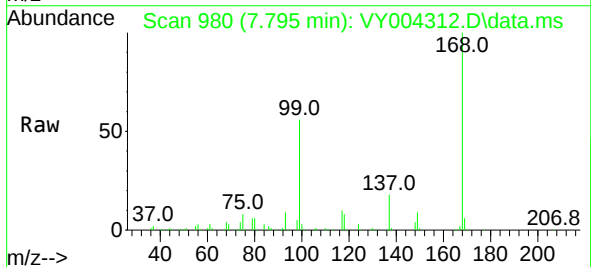


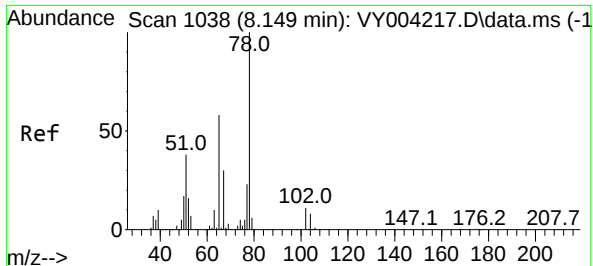
Tgt Ion: 84 Resp: 2153
Ion Ratio Lower Upper
84 100
49 102.3 101.5 152.3
51 41.4 31.5 47.3
86 49.3 50.8 76.2#



#31
Cyclohexane
Concen: 1.41 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

Tgt Ion: 56 Resp: 4047
Ion Ratio Lower Upper
56 100
69 133.3 26.6 40.0#
84 117.4 72.3 108.5#

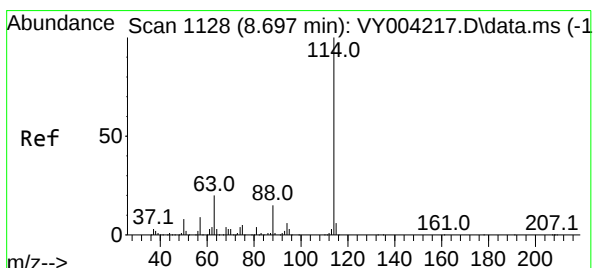
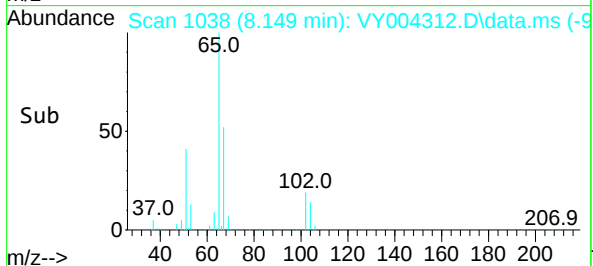
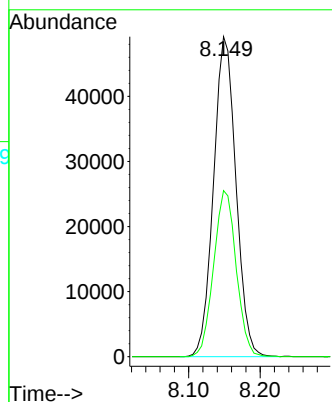
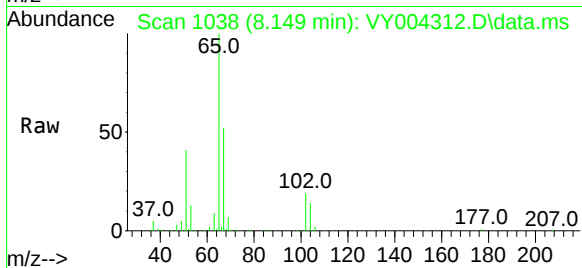




#33
1,2-Dichloroethane-d4
Concen: 65.84 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

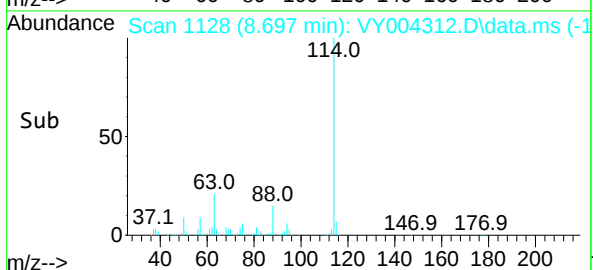
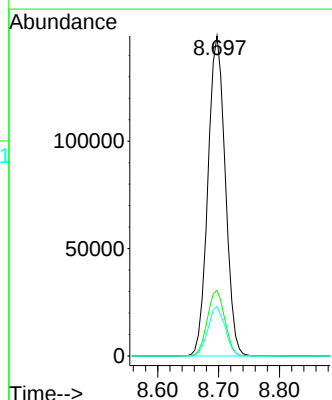
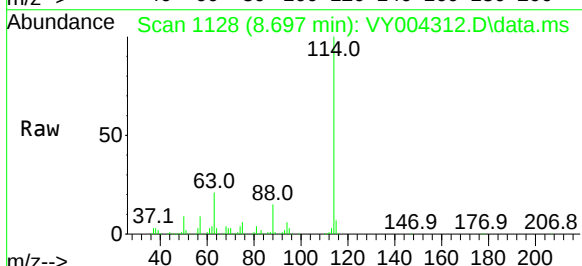
Instrument :
MSVOA_Y
ClientSampled :

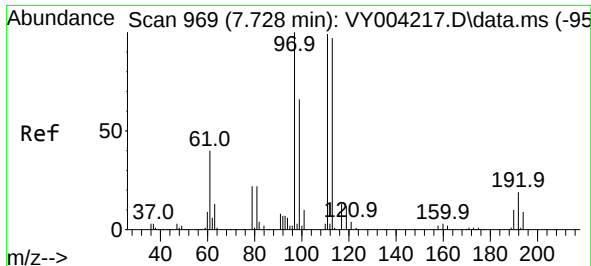
Tgt Ion: 65 Resp: 107023
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

Tgt Ion:114 Resp: 294013
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.4
88 15.5 0.0 30.8

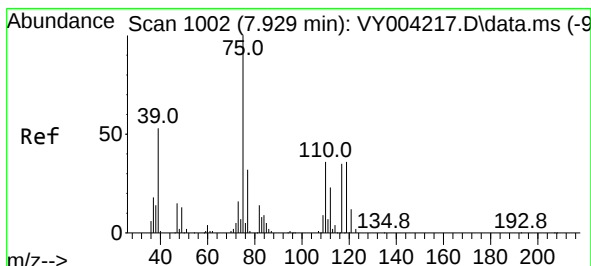
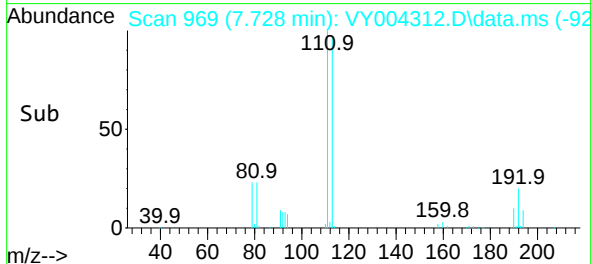
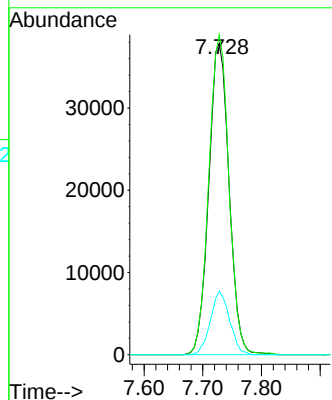
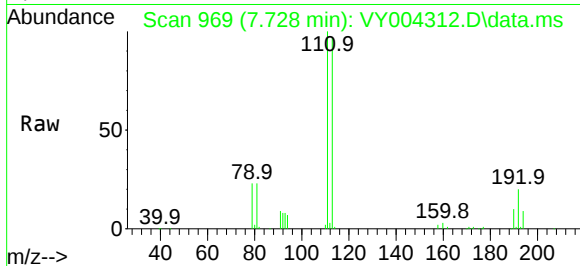




#35
Dibromofluoromethane
Concen: 55.48 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

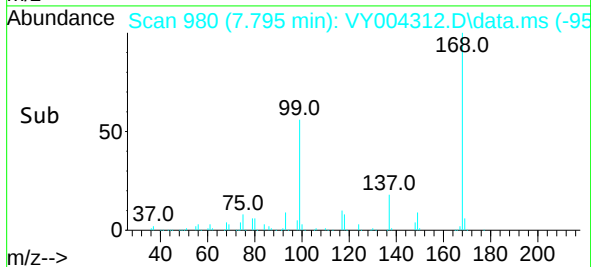
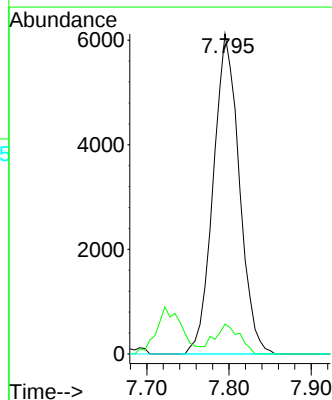
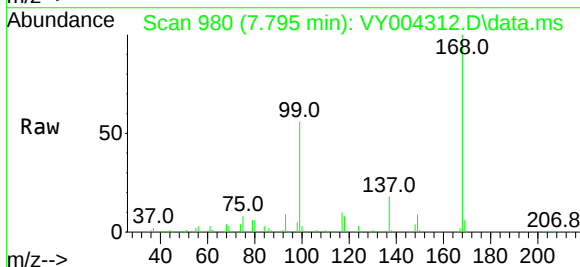
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ClientSampleId :

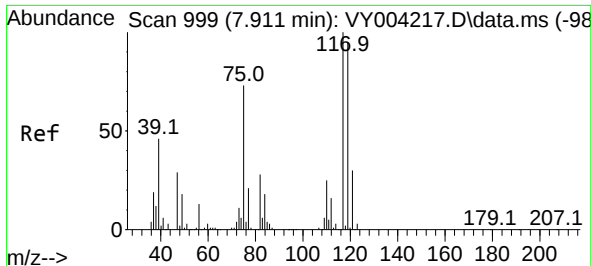
Tgt Ion:	113	Resp:	90895
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	124.0
192	19.3	16.4	24.6



#36
1,1-Dichloropropene
Concen: 5.01 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

Tgt Ion:	75	Resp:	13450
Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.3#
77	0.0	25.1	37.7#

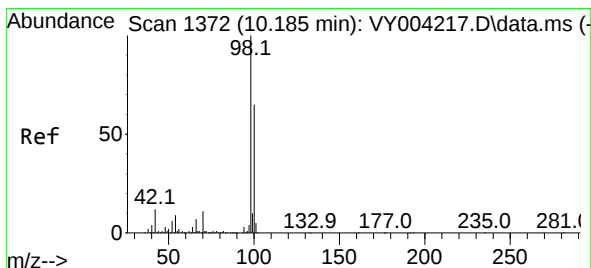
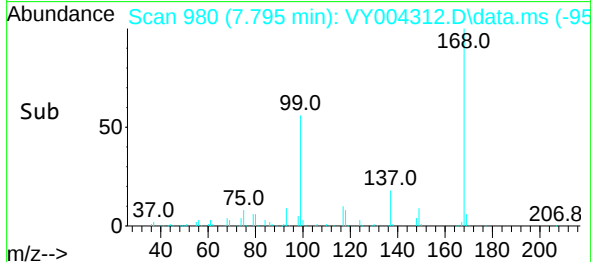
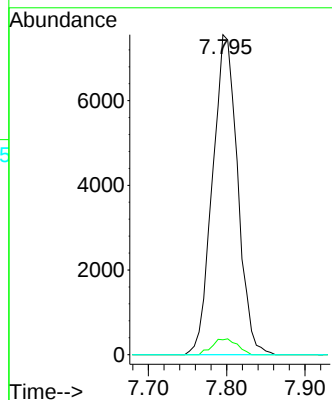
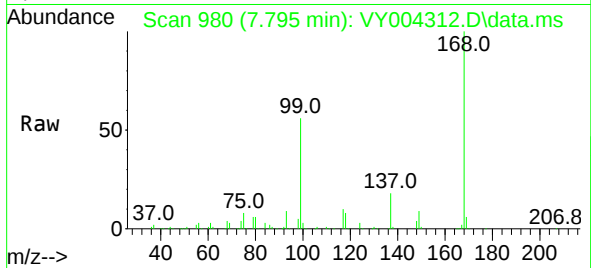




#38
Carbon Tetrachloride
Concen: 7.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

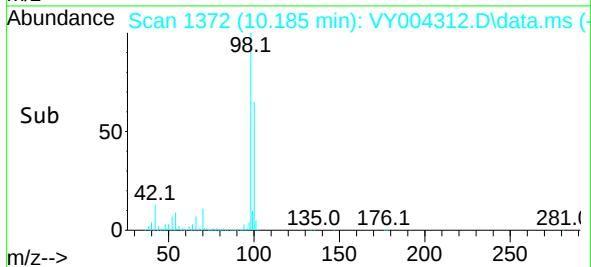
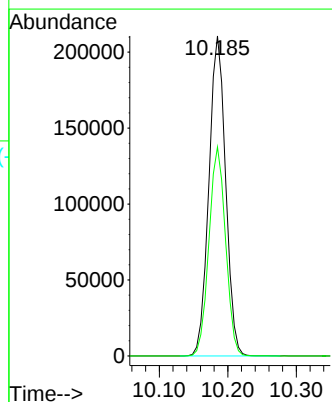
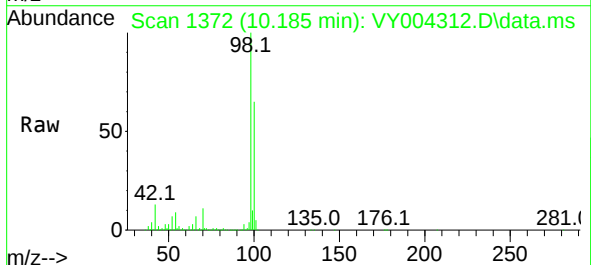
Instrument :
MSVOA_Y
ClientSampled :

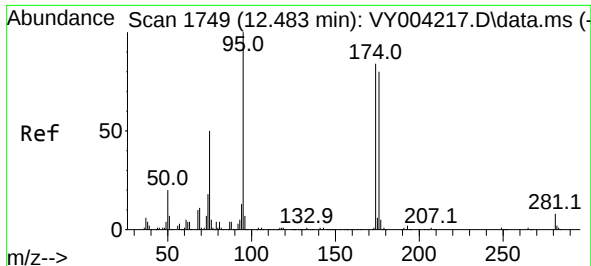
Tgt Ion:117 Resp: 16806
Ion Ratio Lower Upper
117 100
119 4.6 75.6 113.4#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 57.97 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

Tgt Ion: 98 Resp: 357202
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7

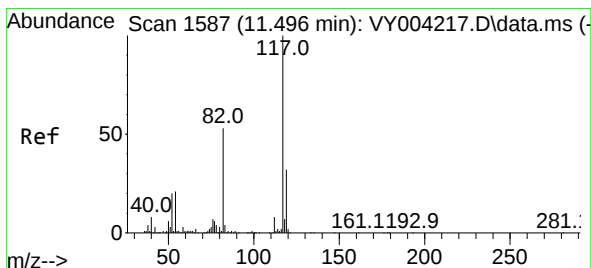
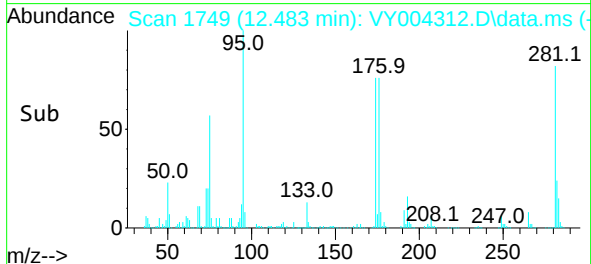
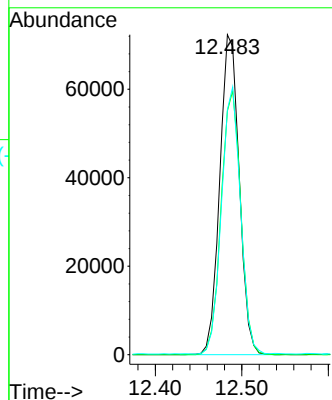
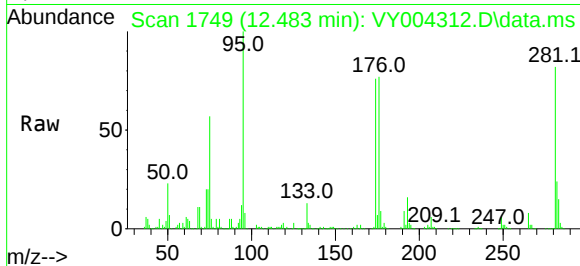




#62
4-Bromofluorobenzene
Concen: 53.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

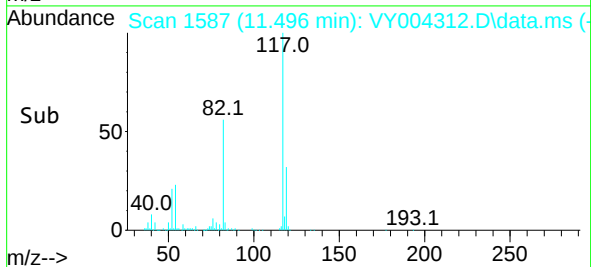
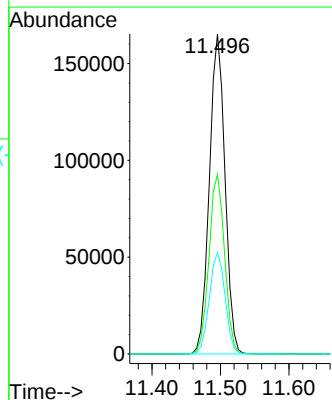
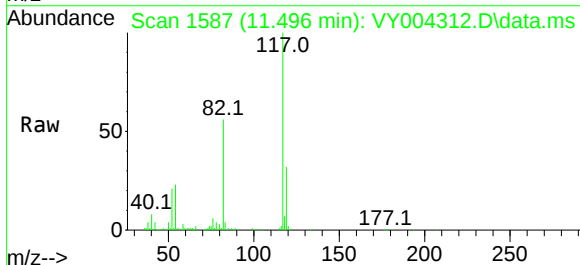
Instrument :
MSVOA_Y
ClientSampleId :

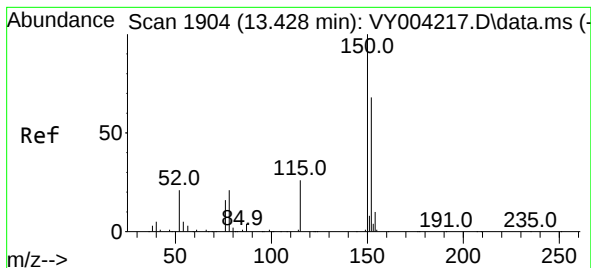
Tgt Ion:	95	Resp:	112608
Ion Ratio	Lower	Upper	
95	100		
174	83.1	0.0	171.4
176	81.7	0.0	165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

Tgt Ion:	117	Resp:	261915
Ion Ratio	Lower	Upper	
117	100		
82	56.2	42.7	64.1
119	31.6	25.7	38.5

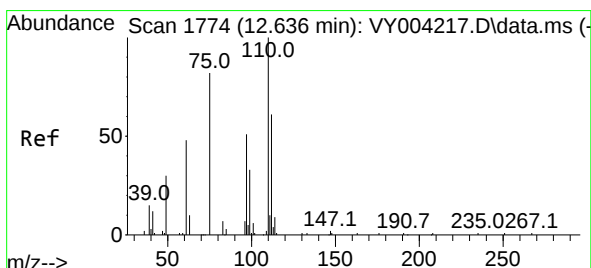
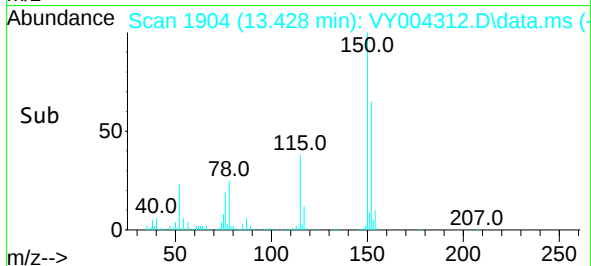
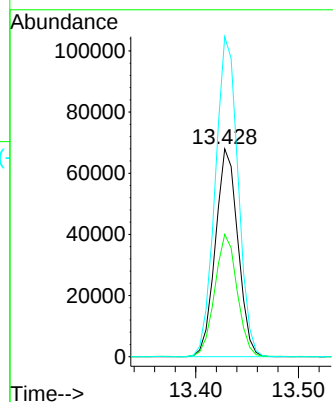
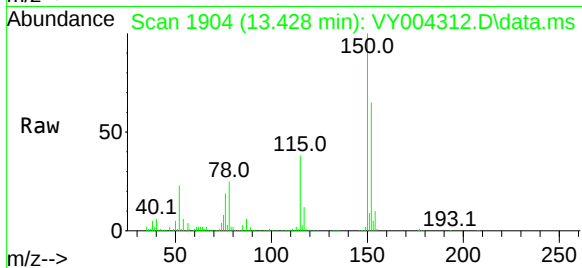




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

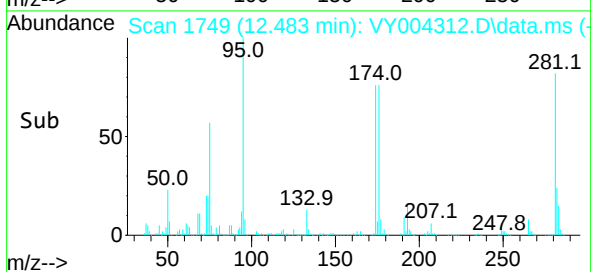
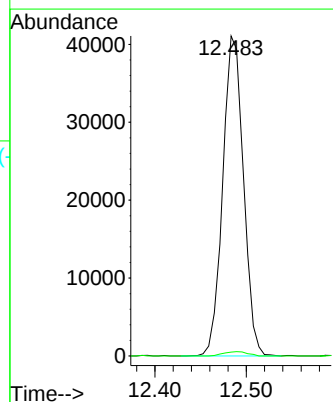
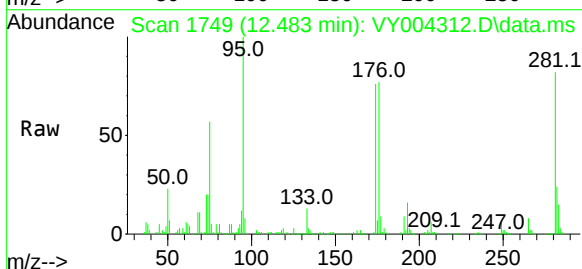
Instrument :
MSVOA_Y
ClientSampled :

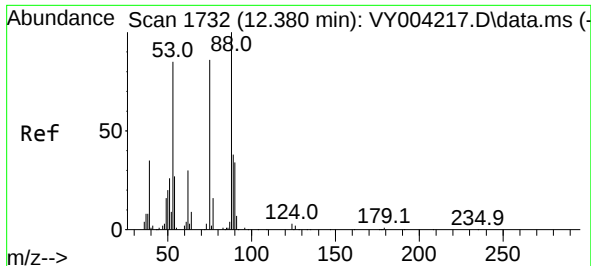
Tgt Ion:152 Resp: 103106
Ion Ratio Lower Upper
152 100
115 58.7 29.0 87.1
150 156.1 0.0 347.4



#76
1,2,3-Trichloropropane
Concen: 69.22 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

Tgt Ion: 75 Resp: 64804
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

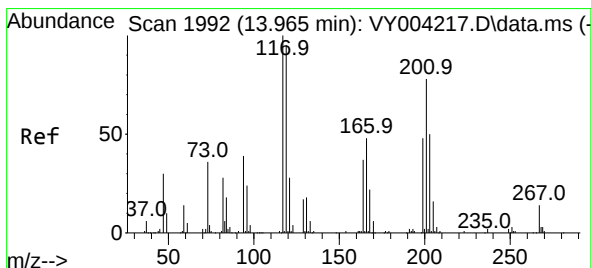
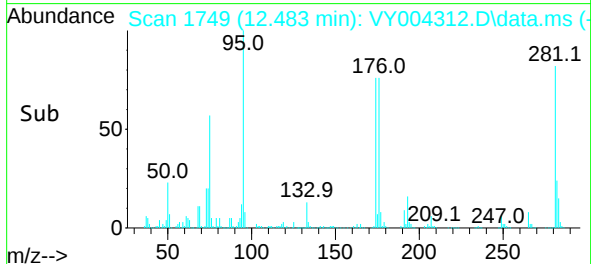
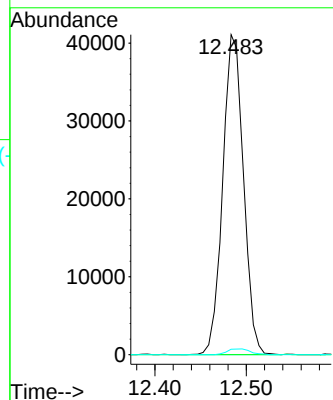
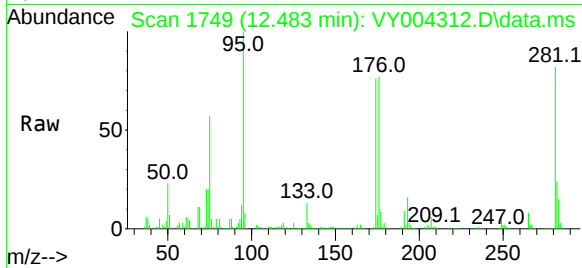




#81
trans-1,4-Dichloro-2-butene
Concen: 127.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 64804
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 2.0 39.4 59.2#



#90
Hexachloroethane
Concen: 7.43 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY004312.D
Acq: 07 Apr 2021 14:07

Tgt Ion: 117 Resp: 101
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

