

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042121\
 Data File : VW021080.D
 Acq On : 21 Apr 2021 15:59
 Operator : SY/MD
 Sample : M2067-05DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 06:42:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 22 06:32:19 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

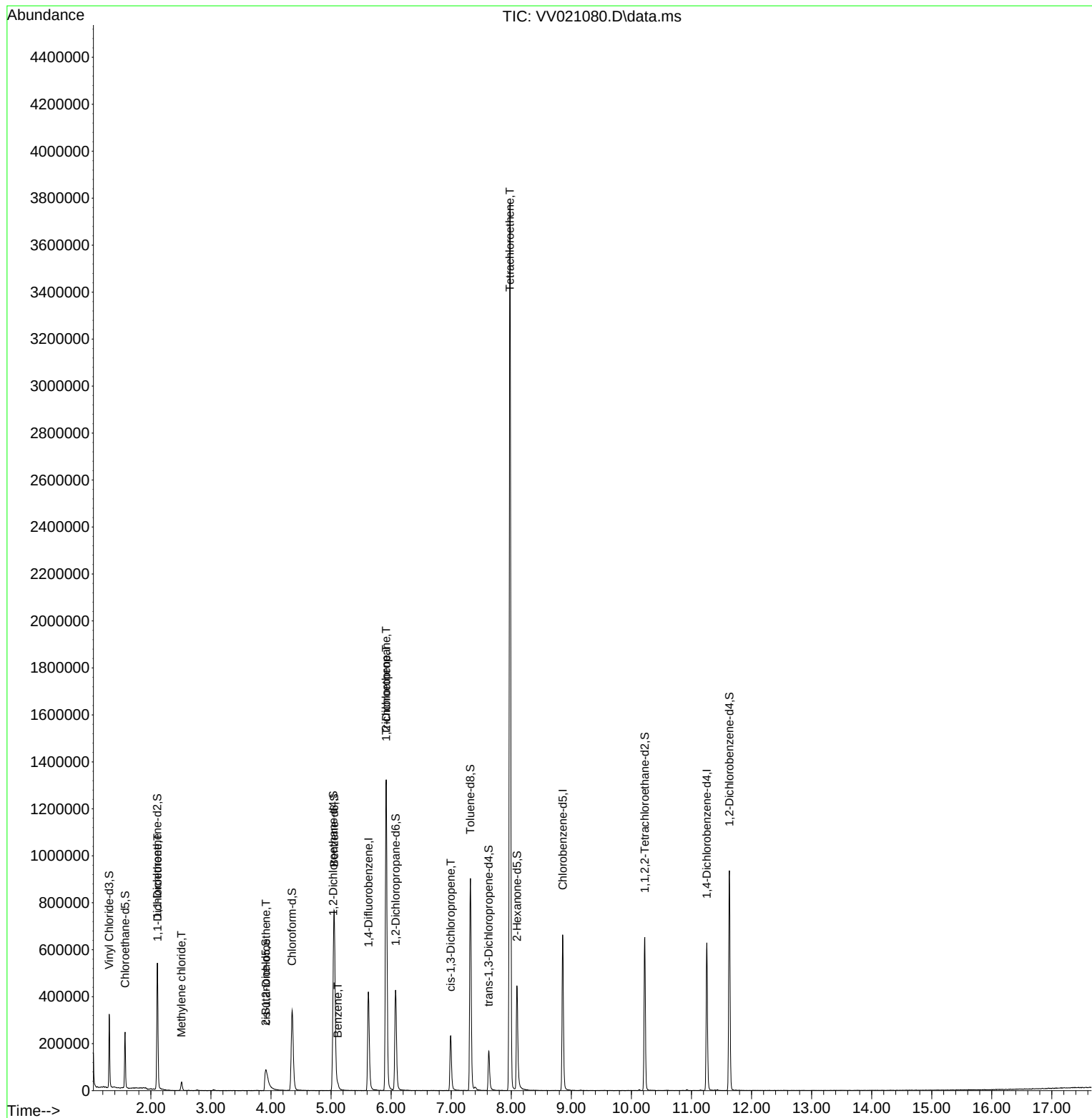
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	373241	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	368210	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	170430	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	190137	62.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 124.00%			
7) Chloroethane-d5	1.571	69	145186	64.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 128.70%			
11) 1,1-Dichloroethene-d2	2.108	63	278197	49.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.36%			
21) 2-Butanone-d5	3.912	46	191121	127.61	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 127.61%			
24) Chloroform-d	4.352	84	355218	64.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 129.94%#			
26) 1,2-Dichloroethane-d4	5.037	65	246352	70.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 141.76%#			
32) Benzene-d6	5.053	84	655817	66.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 133.76%#			
36) 1,2-Dichloropropane-d6	6.075	67	199213	68.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 136.12%#			
41) Toluene-d8	7.320	98	612027	64.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 128.98%#			
43) trans-1,3-Dichloroprop...	7.625	79	102899	64.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 128.66%#			
47) 2-Hexanone-d5	8.095	63	163009	140.41	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 140.41%#			
56) 1,1,2,2-Tetrachloroeth...	10.223	84	284632	64.47	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 128.94%#			
66) 1,2-Dichlorobenzene-d4	11.631	152	247134	73.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 146.82%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	4265	1.60	ug/L	# 1
16) Methylene chloride	2.510	84	15646	5.63	ug/L	95
20) cis-1,2-Dichloroethene	3.915	96	4121	1.51	ug/L	94
33) Benzene	5.111	78	22658	2.21	ug/L	100
34) Trichloroethene	5.918	95	449983	158.41	ug/L	98
37) 1,2-Dichloropropane	5.915	63	2519	1.00	ug/L	99
39) cis-1,3-Dichloropropene	6.992	75	7168	1.74	ug/L	92
46) Tetrachloroethene	7.979	164	828473	326.06	ug/L	96

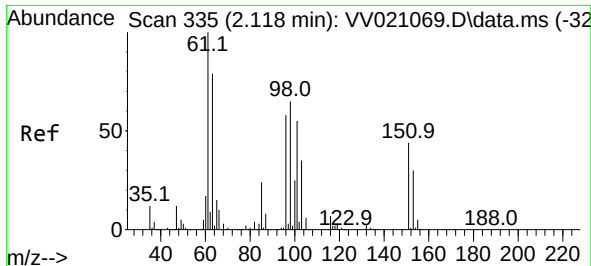
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 22 06:42:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 22 06:32:19 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.60 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

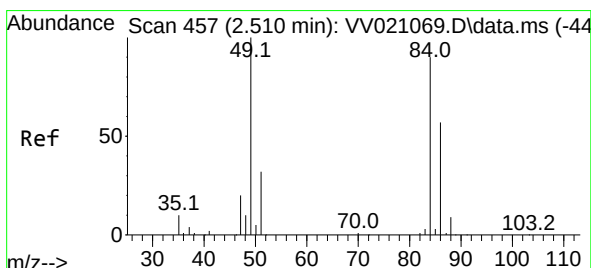
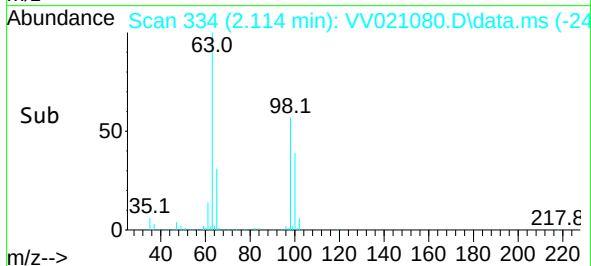
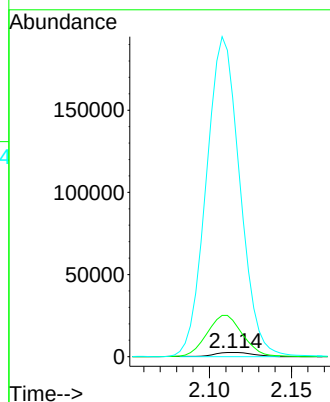
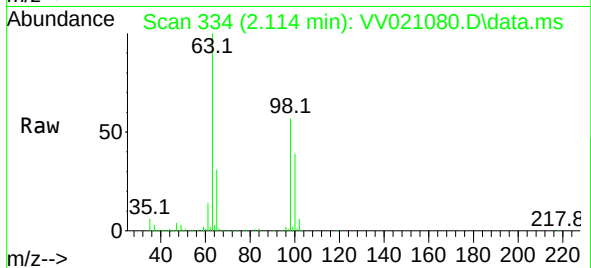
Lab File: VV021080.D

Acq: 21 Apr 2021 15:59

Tgt Ion: 96 Resp: 4265

Ion	Ratio	Lower	Upper
96	100		
61	863.7	121.4	225.6#
63	6121.7	98.1	182.1#

Instrument :
MSVOA_V
ClientSampled :



#16

Methylene chloride

Concen: 5.63 ug/L

RT: 2.510 min Scan# 457

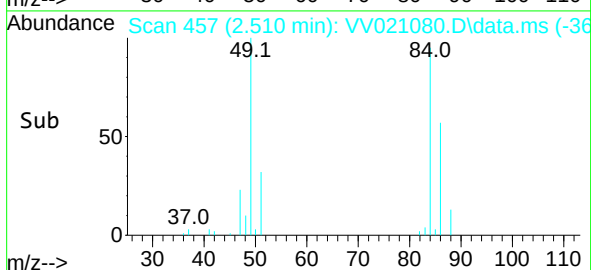
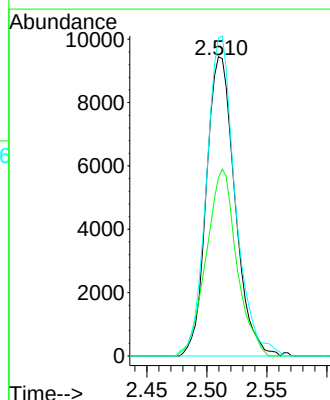
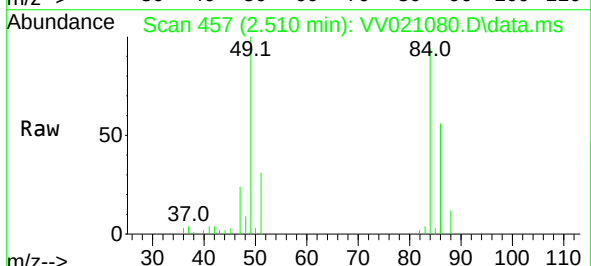
Delta R.T. -0.000 min

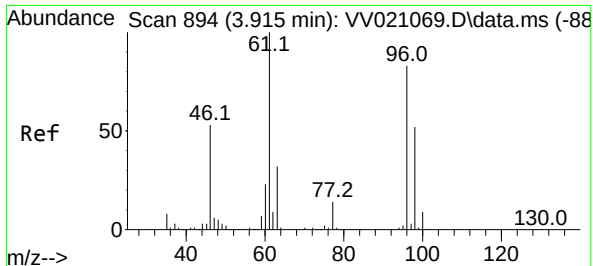
Lab File: VV021080.D

Acq: 21 Apr 2021 15:59

Tgt Ion: 84 Resp: 15646

Ion	Ratio	Lower	Upper
84	100		
86	59.6	44.9	83.5
49	106.2	78.1	145.1

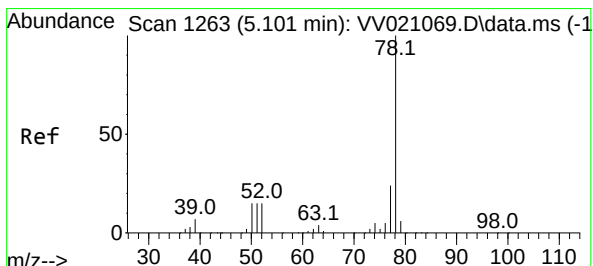
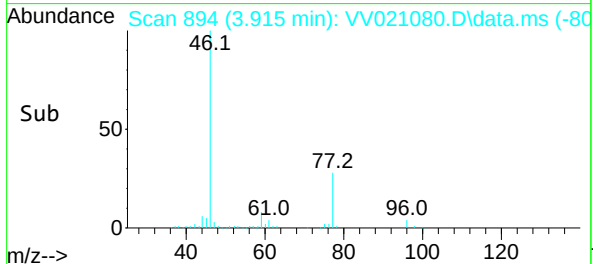
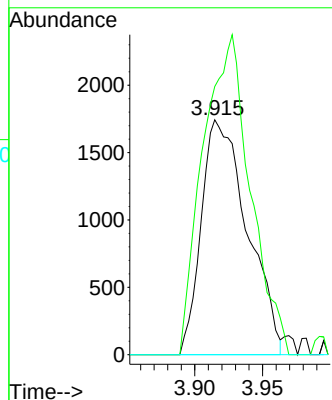
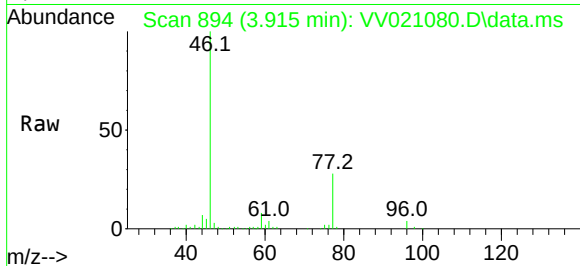




#20
 cis-1,2-Dichloroethene
 Concen: 1.51 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. -0.000 min
 Lab File: VV021080.D
 Acq: 21 Apr 2021 15:59

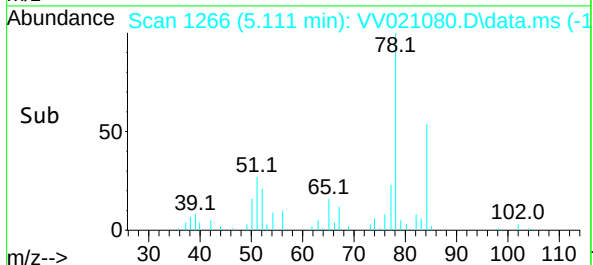
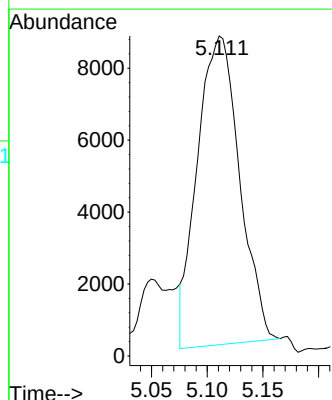
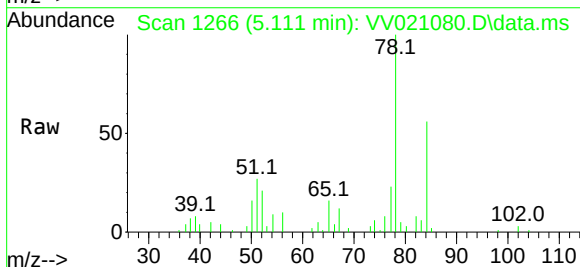
Instrument :
 MSVOA_V
 ClientSampleId :

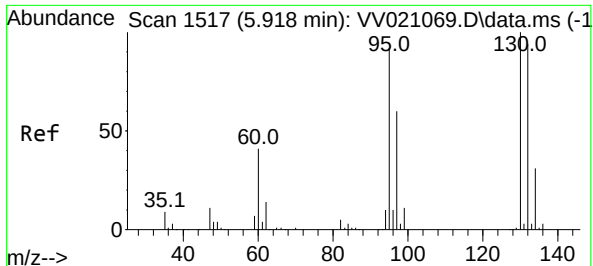
Tgt Ion: 96 Resp: 4121
 Ion Ratio Lower Upper
 96 100
 61 114.2 84.4 156.7
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 2.21 ug/L
 RT: 5.111 min Scan# 1266
 Delta R.T. 0.009 min
 Lab File: VV021080.D
 Acq: 21 Apr 2021 15:59

Tgt Ion: 78 Resp: 22658

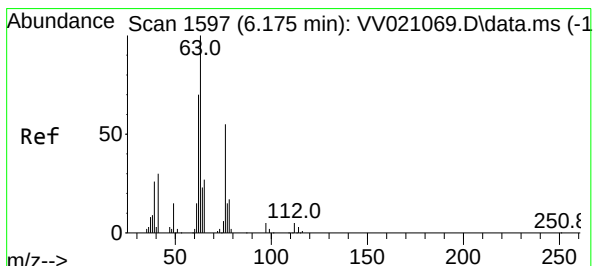
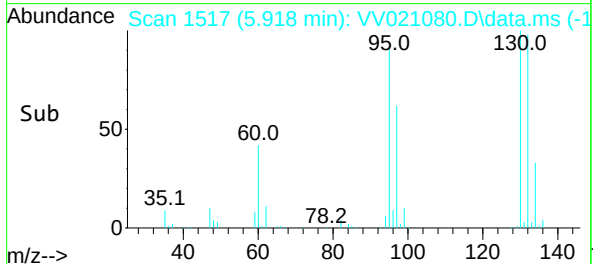
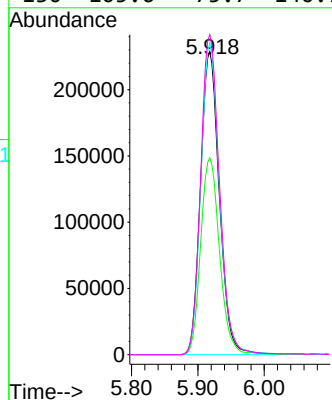
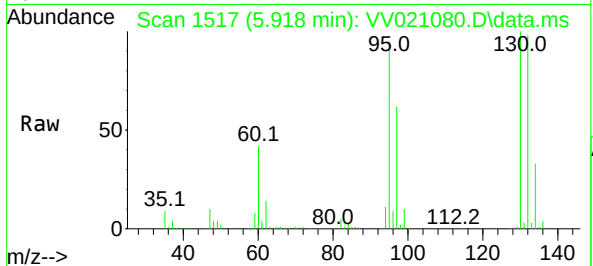




#34
Trichloroethene
Concen: 158.41 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV021080.D
Acq: 21 Apr 2021 15:59

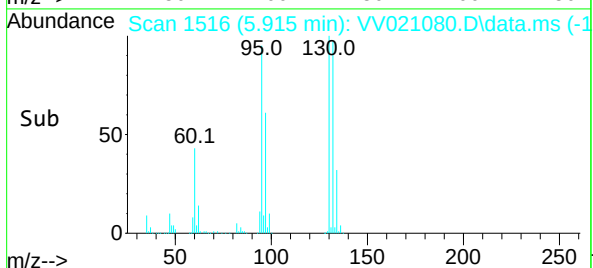
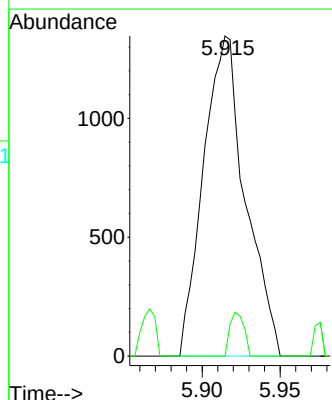
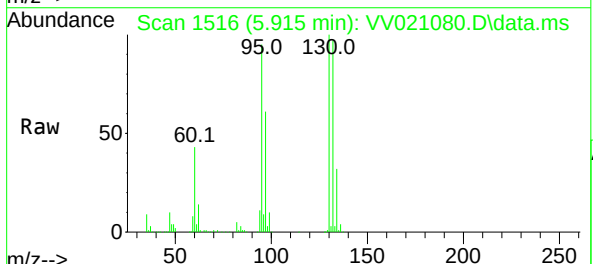
Instrument :
MSVOA_V
ClientSampled :

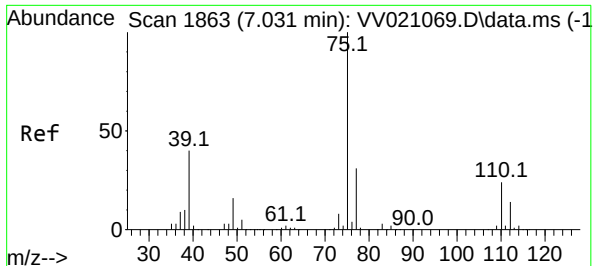
Tgt Ion: 95 Resp: 449983
Ion Ratio Lower Upper
95 100
97 65.0 45.5 84.5
132 103.0 71.0 131.8
130 105.6 75.7 140.7



#37
1,2-Dichloropropane
Concen: 1.00 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.261 min
Lab File: VV021080.D
Acq: 21 Apr 2021 15:59

Tgt Ion: 63 Resp: 2519
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9

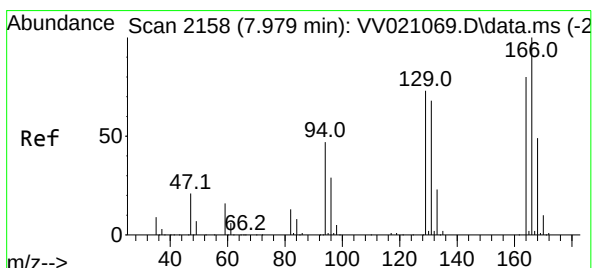
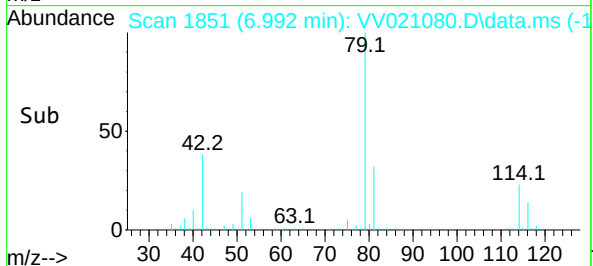
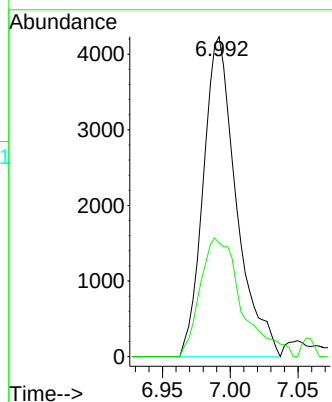
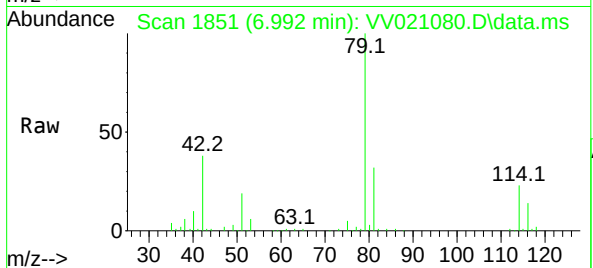




#39
cis-1,3-Dichloropropene
Concen: 1.74 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.039 min
Lab File: VV021080.D
Acq: 21 Apr 2021 15:59

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 7168
Ion Ratio Lower Upper
75 100
77 35.5 21.8 40.6



#46
Tetrachloroethene
Concen: 326.06 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV021080.D
Acq: 21 Apr 2021 15:59

Tgt Ion: 164 Resp: 828473
Ion Ratio Lower Upper
164 100
129 92.5 63.8 118.4
131 89.9 59.3 110.1
166 130.9 87.7 162.9

