

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017060.D
 Acq On : 23 Jun 2020 17:45
 Operator : SY/MD
 Sample : L3067-21
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jun 24 05:06:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 05:01:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	180434	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	173394	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81688	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43345	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.58	69	34954	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.12	63	66931	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.94	46	130584	47.31	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.62%
24) Chloroform-d	4.38	84	97684	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.06	65	59094	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.07	84	204542	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.09	67	60790	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.34	98	187392	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
45) trans-1,3-Dichloropropene-	7.64	79	23935	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
48) 2-Hexanone-d5	8.11	63	80627	37.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.46%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41476	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	75760	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

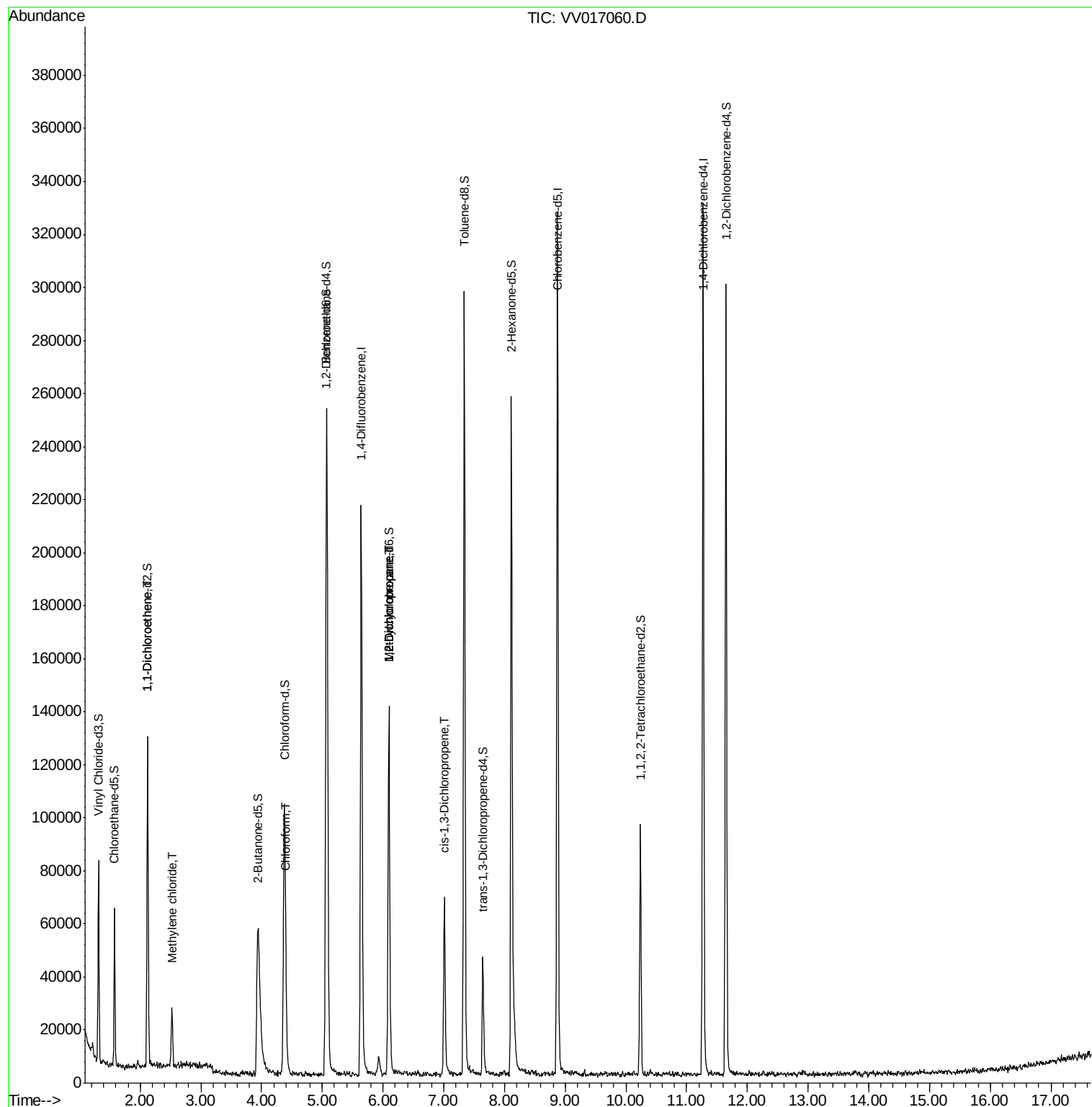
					Ovalue
12) 1,1-Dichloroethene	2.13	96	840	0.097 ug/L #	1
16) Methylene chloride	2.52	84	8956	0.966 ug/L	94
25) Chloroform	4.41	83	12076	0.536 ug/L	99
35) Methylcyclohexane	6.09	83	15985	0.773 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	8224	0.732 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	1997	0.120 ug/L #	56

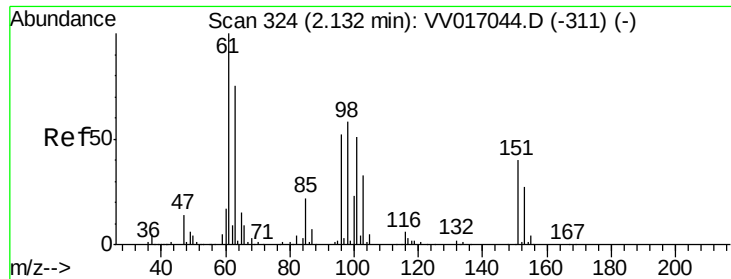
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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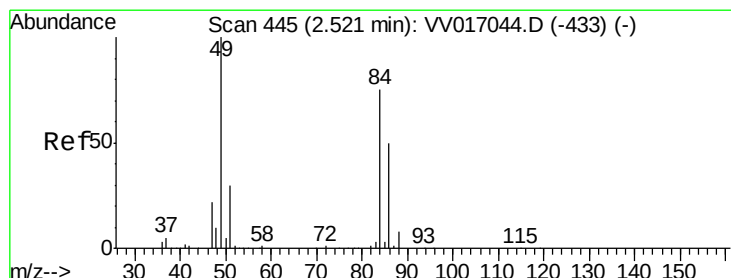
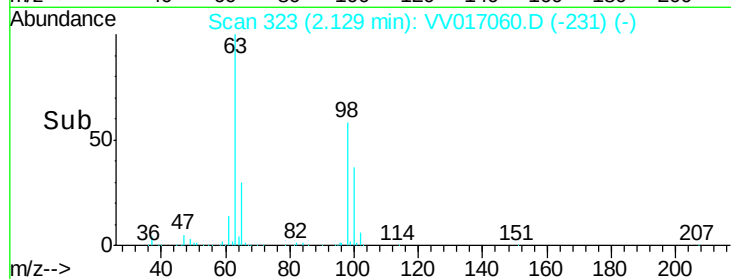
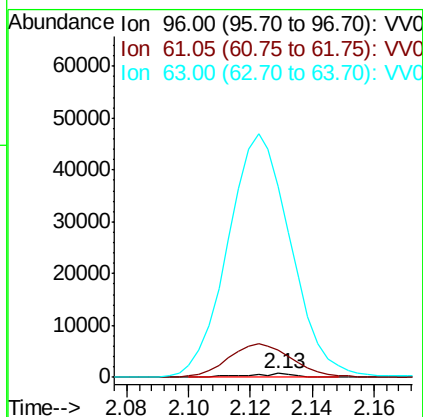
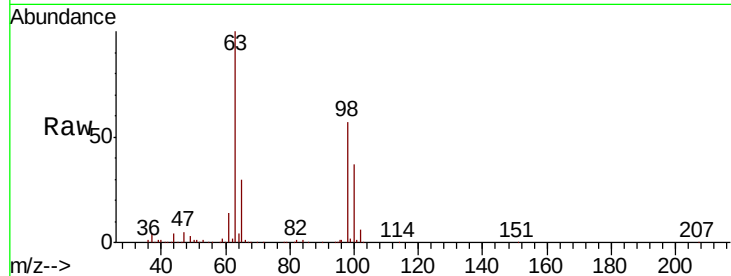




#12
 1,1-Dichloroethene
 Concen: 0.097 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VV017060.D
 Acq: 23 Jun 2020 17:45

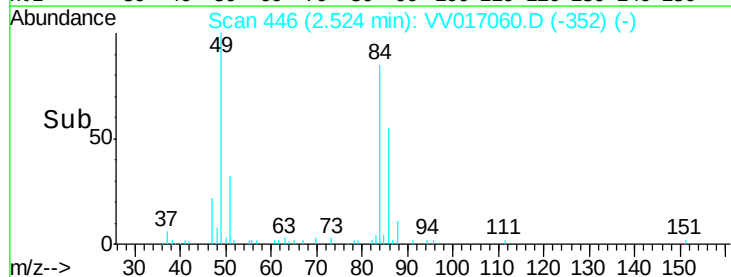
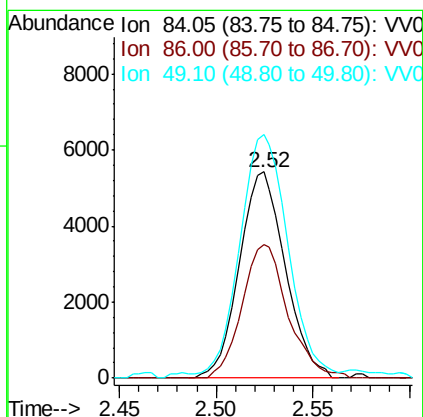
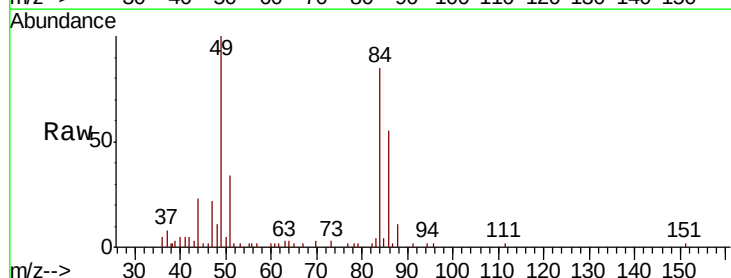
Instrument :
 MSVOA_V
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 VHBLK01

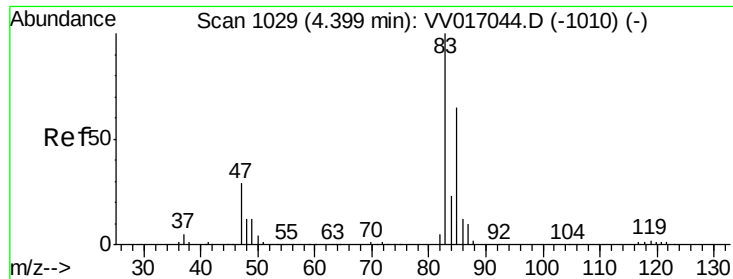
Tot Ion: 96 Resp: 840
 Ion Ratio Lower Upper
 96 100
 61 727.2 125.0 232.2#
 63 5179.2 109.8 203.8#



#16
 Methylene chloride
 Concen: 0.966 ug/L
 RT: 2.52 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: VV017060.D
 Acq: 23 Jun 2020 17:45

Tgt Ion: 84 Resp: 8956
 Ion Ratio Lower Upper
 84 100
 86 64.9 45.8 85.0
 49 117.9 89.6 166.4

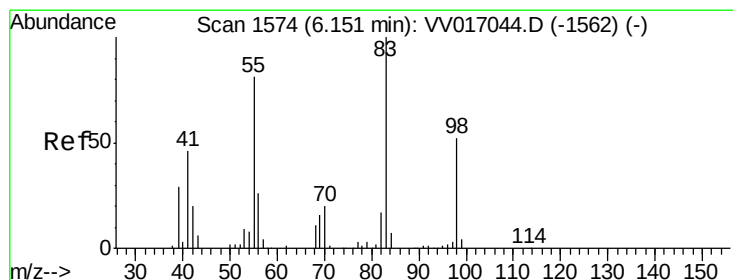
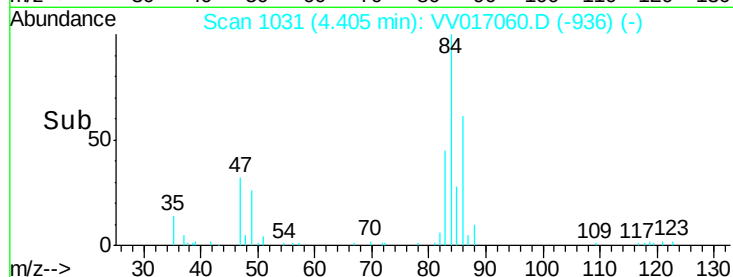
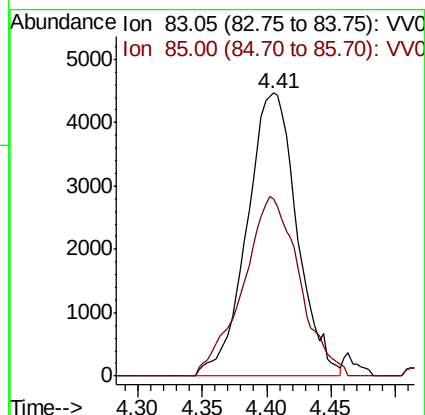
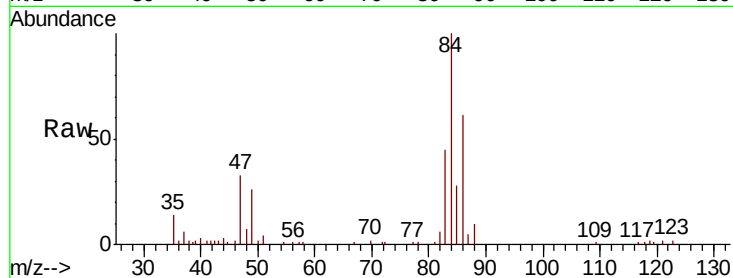




#25
Chloroform
Concen: 0.536 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV017060.D
Acq: 23 Jun 2020 17:45

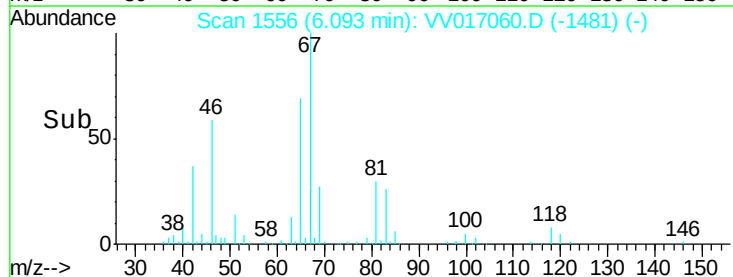
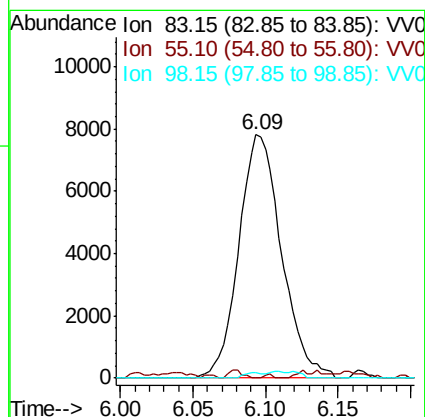
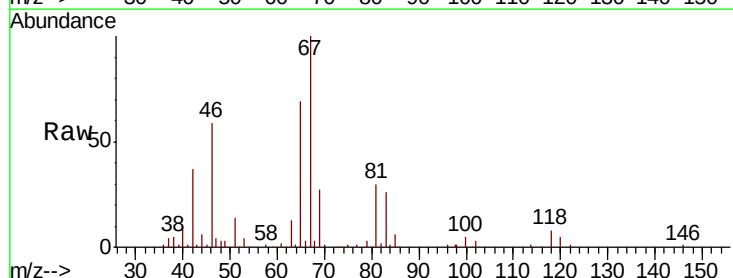
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

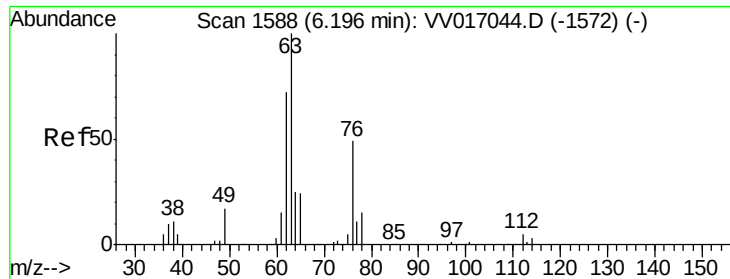
Tot Ion: 83 Resp: 12076
Ion Ratio Lower Upper
83 100
85 62.6 44.2 82.2



#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017060.D
Acq: 23 Jun 2020 17:45

Tgt Ion: 83 Resp: 15985
Ion Ratio Lower Upper
83 100
55 0.3 63.6 95.4#
98 2.0 38.8 58.2#

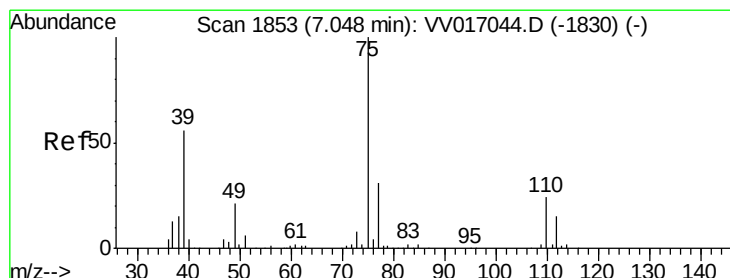
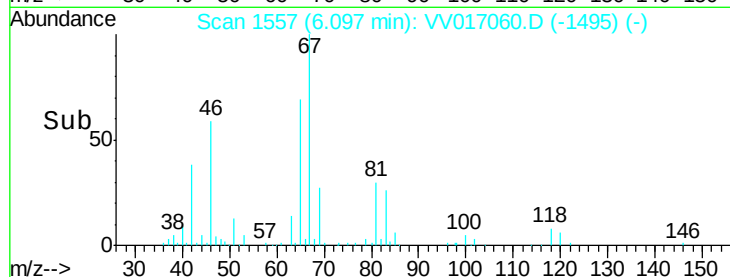
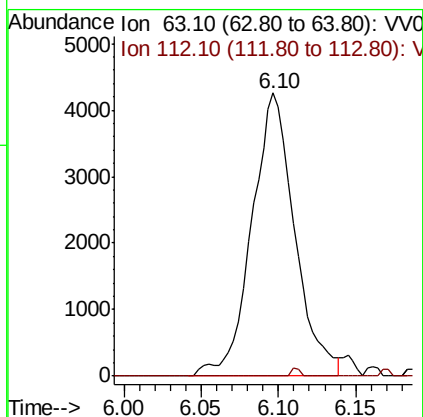
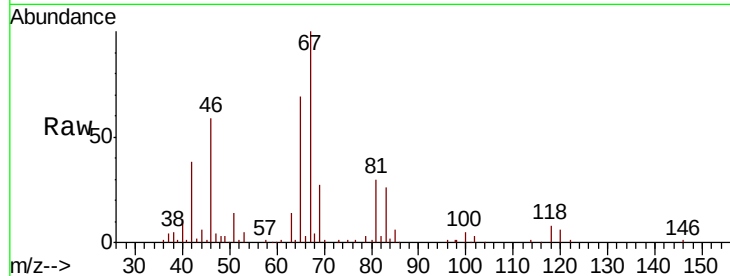




#37
 1,2-Dichloropropane
 Concen: 0.732 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017060.D
 Acq: 23 Jun 2020 17:45

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 MSVOA_V
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 VHBLK01

Tot Ion: 63 Resp: 8224
 Ion Ratio Lower Upper
 63 100
 112 0.5 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017060.D
 Acq: 23 Jun 2020 17:45

Tgt Ion: 75 Resp: 1997
 Ion Ratio Lower Upper
 75 100
 77 56.6 22.3 41.5#

