

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017834.D
 Acq On : 07 Aug 2020 12:56
 Operator : SY/MD
 Sample : L3590-16DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 00:25:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	230066	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	222372	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127055	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44640	39.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.58%
7) Chloroethane-d5	1.58	69	43628	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.08%
11) 1,1-Dichloroethene-d2	2.12	63	92733	34.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.80%
21) 2-Butanone-d5	3.91	46	80595	95.54	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.54%
24) Chloroform-d	4.38	84	148035	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	5.06	65	116229	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.80%
32) Benzene-d6	5.08	84	250139	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
36) 1,2-Dichloropropane-d6	6.09	67	65962	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.80%
41) Toluene-d8	7.34	98	251841	48.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.64%
43) trans-1,3-Dichloropropene-	7.64	79	43361	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.32%
47) 2-Hexanone-d5	8.11	63	55842	89.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	100689	45.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	128060	51.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.70%

Target Compounds

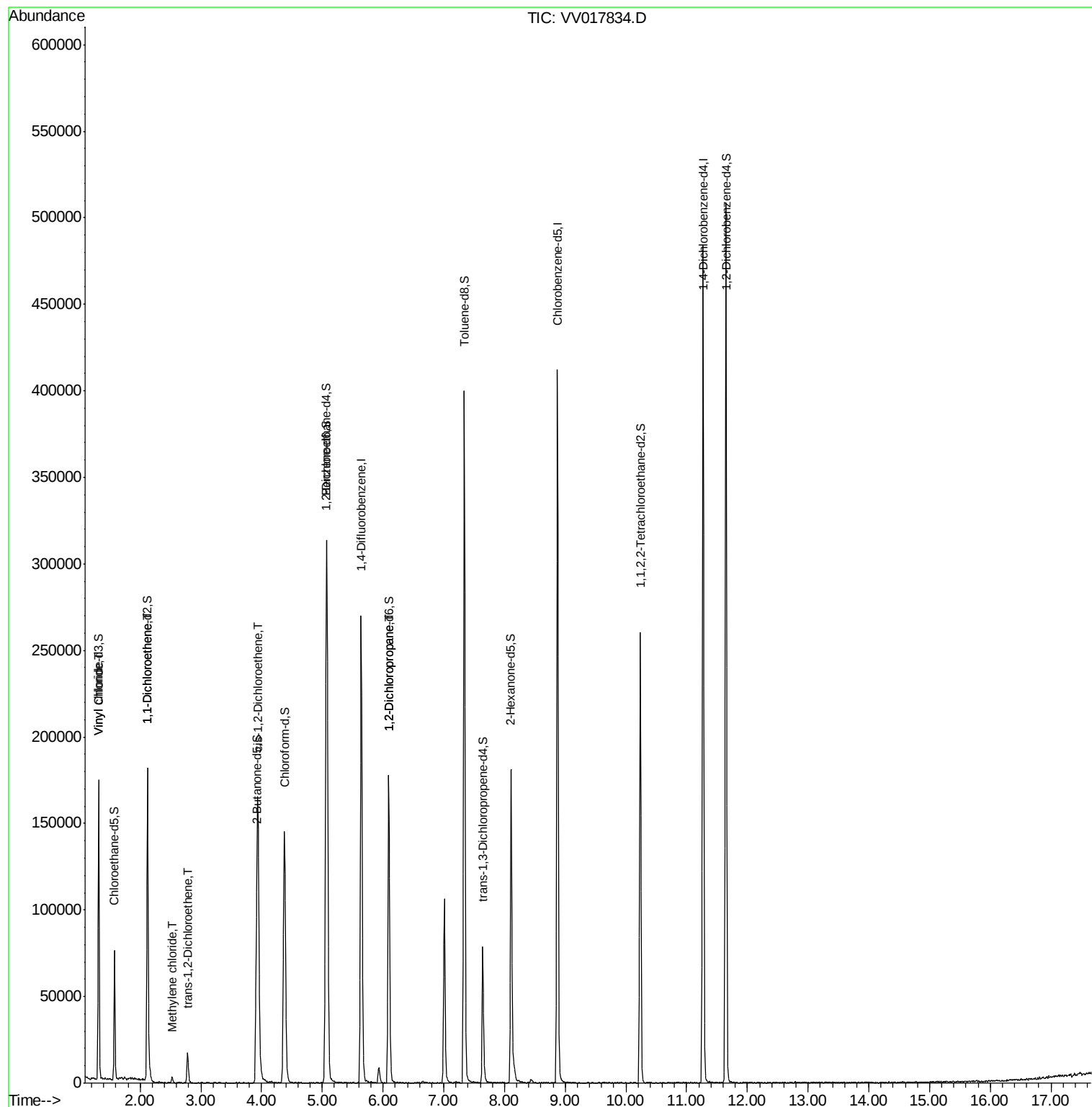
					Ovalue
5) Vinyl chloride	1.32	62	57874	35.460 ug/L	95
12) 1,1-Dichloroethene	2.13	96	1204	0.870 ug/L #	1
16) Methylene chloride	2.53	84	1474	0.903 ug/L	76
17) trans-1,2-Dichloroethene	2.78	96	6528	4.181 ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	77548	46.500 ug/L	98
37) 1,2-Dichloropropane	6.10	63	10366	7.498 ug/L #	84

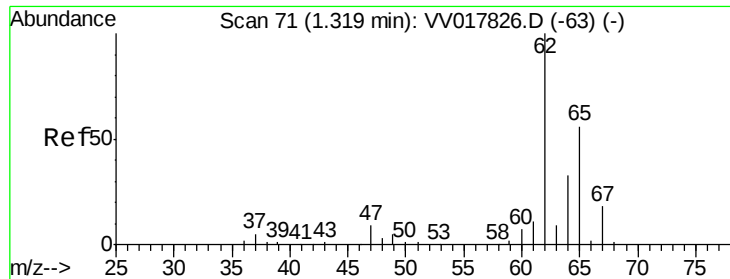
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 08 00:22:47 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 35.460 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017834.D

Acq: 07 Aug 2020 12:56

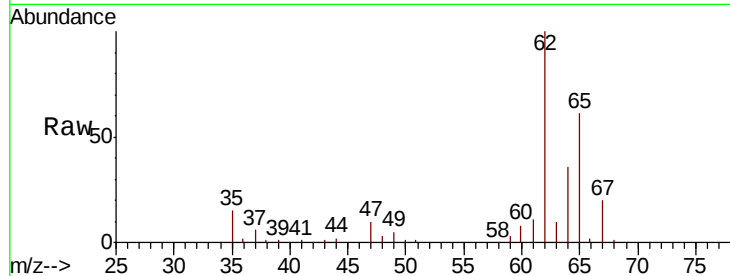
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 57874

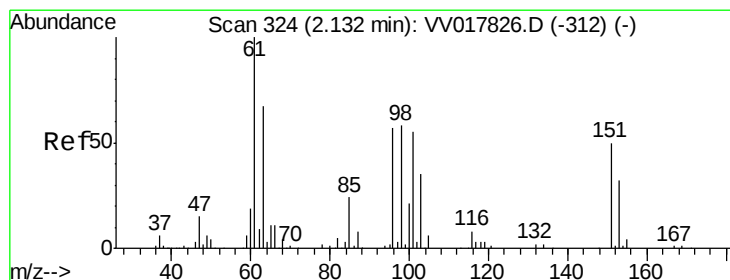
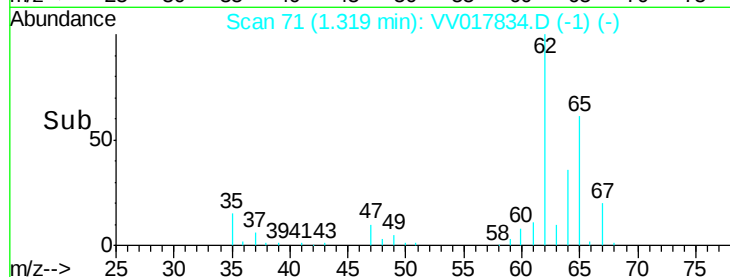
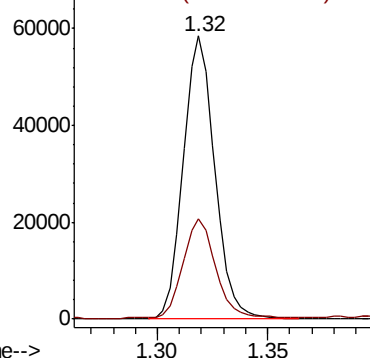
Ion Ratio Lower Upper

62 100

64 35.6 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 64.00 (63.70 to 64.70): VV0



#12

1,1-Dichloroethene

Concen: 0.870 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017834.D

Acq: 07 Aug 2020 12:56

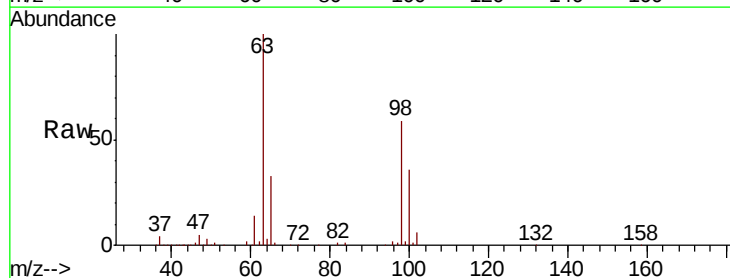
Tgt Ion: 96 Resp: 1204

Ion Ratio Lower Upper

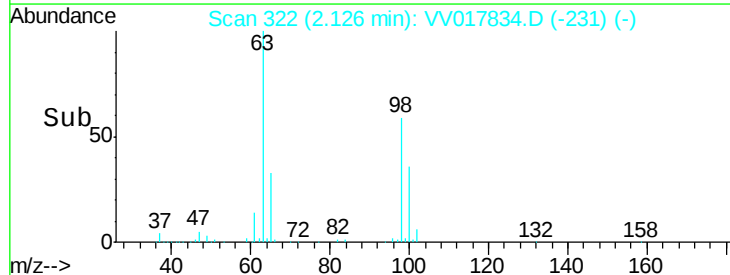
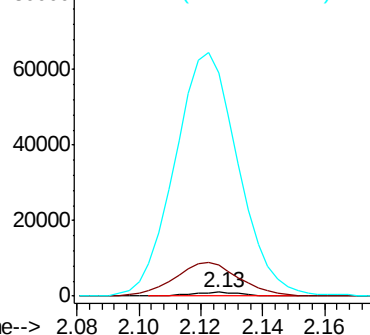
96 100

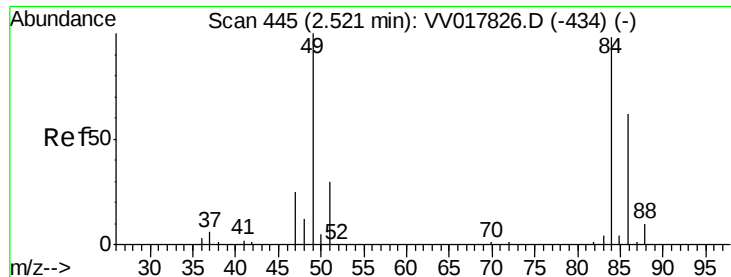
61 835.8 131.0 243.2#

63 6098.0 88.5 164.3#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 63.00 (62.70 to 63.70): VV0

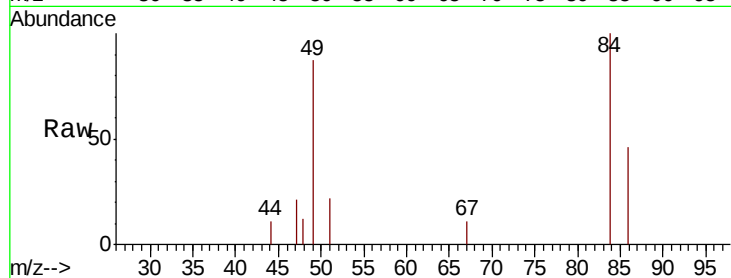




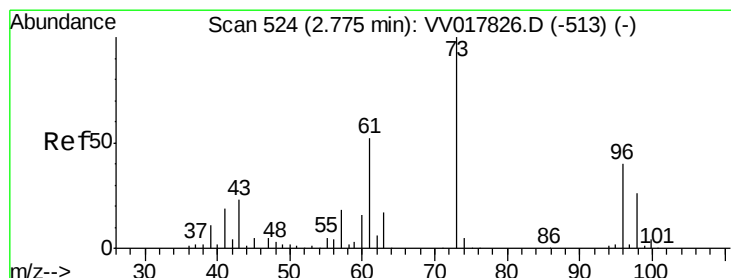
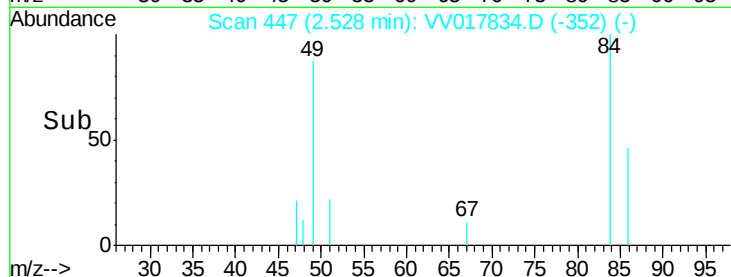
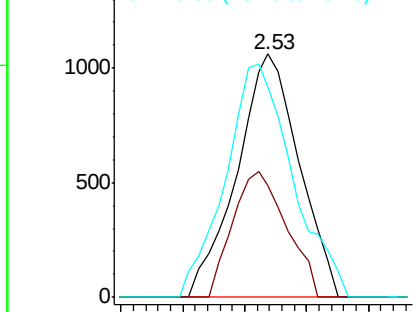
#16
Methylene chloride
Concen: 0.903 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV017834.D
Acq: 07 Aug 2020 12:56

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 84 Resp: 1474
Ion Ratio Lower Upper
84 100
86 46.0 45.4 84.4
49 86.5 79.2 147.2

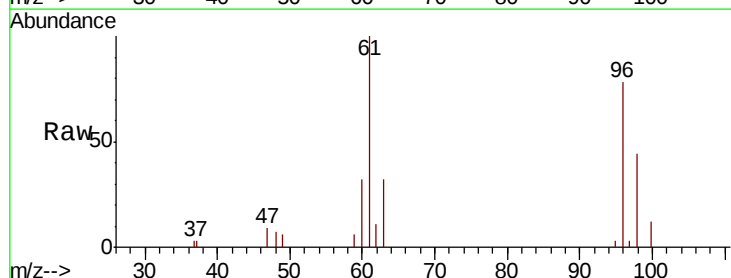


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.00 (48.70 to 49.70): VV0

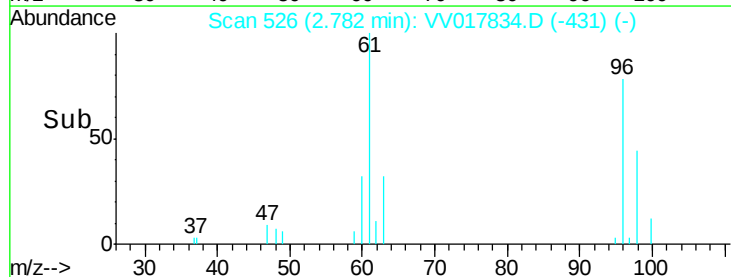
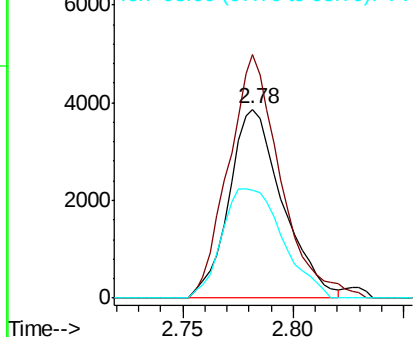


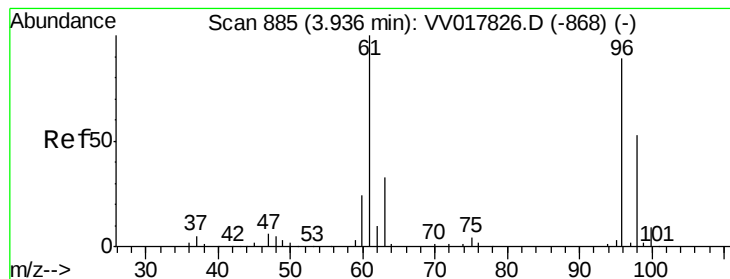
#17
trans-1,2-Dichloroethene
Concen: 4.181 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV017834.D
Acq: 07 Aug 2020 12:56

Tgt Ion: 96 Resp: 6528
Ion Ratio Lower Upper
96 100
61 128.9 96.2 178.8
98 57.3 43.2 80.2



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



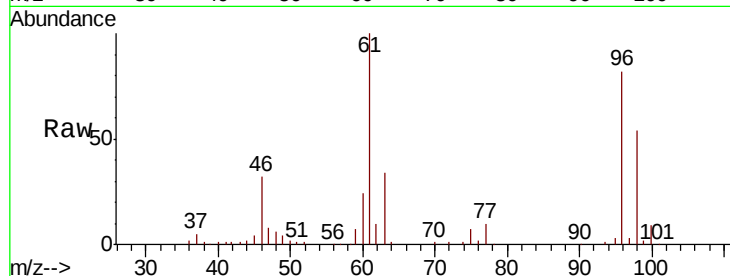


#20

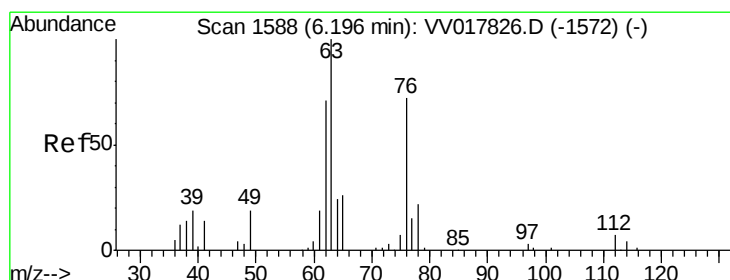
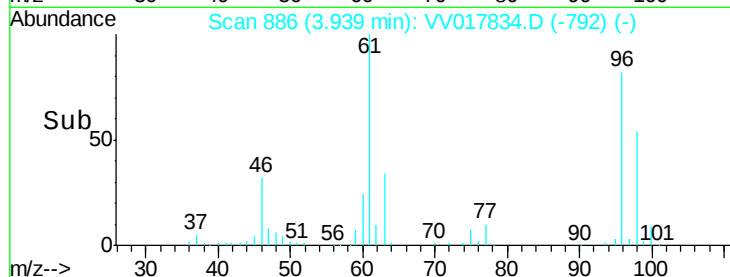
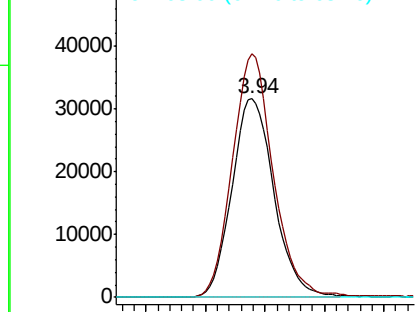
cis-1,2-Dichloroethene
Concen: 46.500 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017834.D
Acq: 07 Aug 2020 12:56

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 77548
Ion Ratio Lower Upper
96 100
61 122.6 87.3 162.1
68 0.0 0.0 0.0



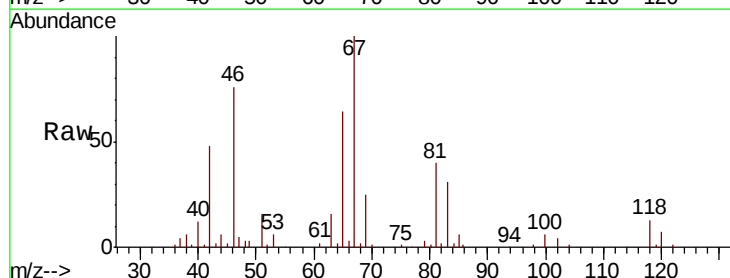
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



#37

1,2-Dichloropropane
Concen: 7.498 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017834.D
Acq: 07 Aug 2020 12:56

Tgt Ion: 63 Resp: 10366
Ion Ratio Lower Upper
63 100
112 0.5 4.6 6.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

