

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017956.D
 Acq On : 13 Aug 2020 03:40
 Operator : SY/MD
 Sample : L3644-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L68

Quant Time: Aug 13 07:08:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	243178	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	239202	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	109899	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76809	41.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.80%
7) Chloroethane-d5	1.58	69	70399	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.76%
11) 1,1-Dichloroethene-d2	2.12	63	120592	33.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.96%
21) 2-Butanone-d5	3.91	46	122033	100.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.42%
24) Chloroform-d	4.38	84	154134	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
26) 1,2-Dichloroethane-d4	5.06	65	108367	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
32) Benzene-d6	5.08	84	313586	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
36) 1,2-Dichloropropane-d6	6.09	67	104318	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.80%
41) Toluene-d8	7.34	98	276137	46.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.16%
43) trans-1,3-Dichloropropene-	7.64	79	44350	45.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.74%
47) 2-Hexanone-d5	8.11	63	59153	85.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.53%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	127328	45.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	110588	51.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.26%

Target Compounds

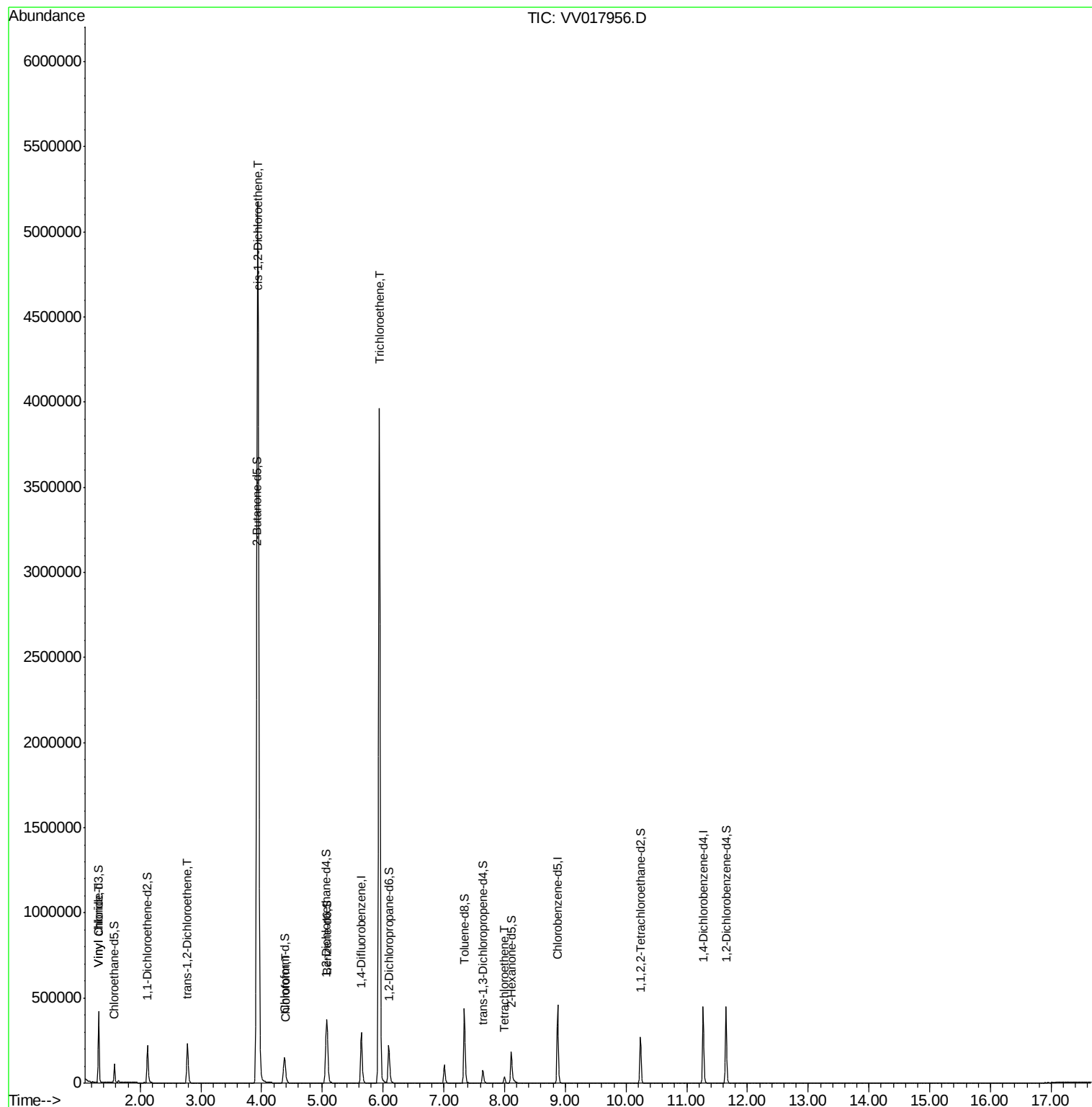
					Ovalue
5) Vinyl chloride	1.32	62	187332	86.696	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	83893	50.032	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	2823293	1532.185	ug/L 98
25) Chloroform	4.40	83	5598	1.628	ug/L 92
34) Trichloroethene	5.94	95	1358375	694.404	ug/L 99
46) Tetrachloroethene	8.00	164	8115	5.656	ug/L 99

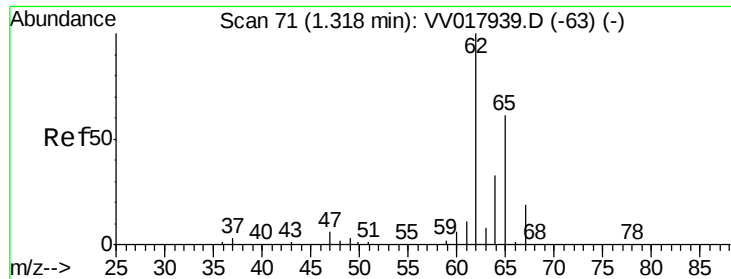
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 13 05:58:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 86.696 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017956.D

Acq: 13 Aug 2020 03:40

Instrument :

MSVOA_V

ClientSampled :

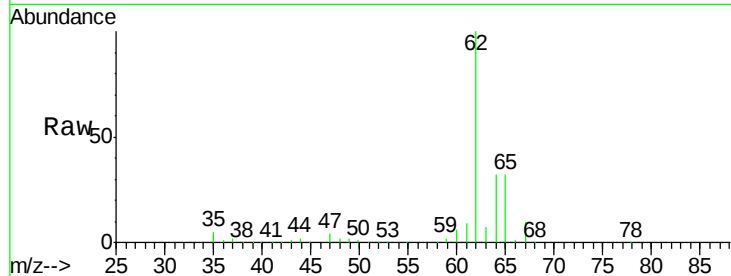
F2L68

Tot Ion: 62 Resp: 187332

Ion Ratio Lower Upper

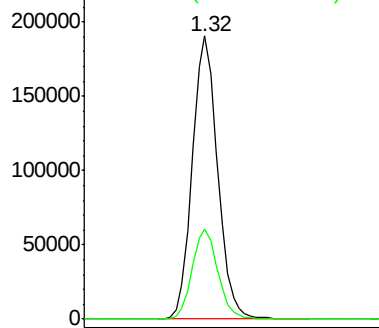
62 100

64 31.8 22.4 41.6

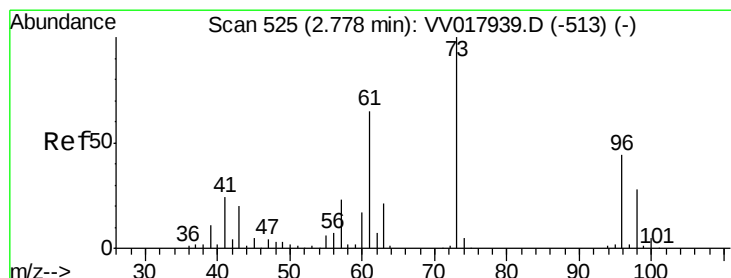
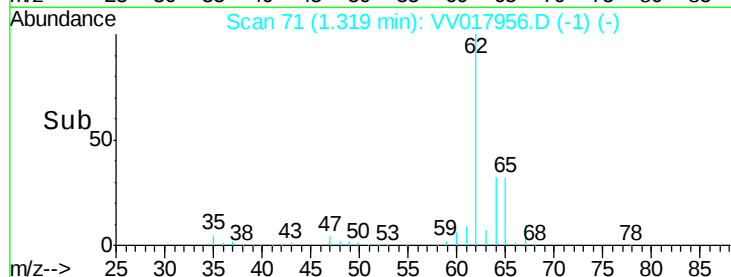


Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



Time-->



#17

trans-1,2-Dichloroethene

Concen: 50.032 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017956.D

Acq: 13 Aug 2020 03:40

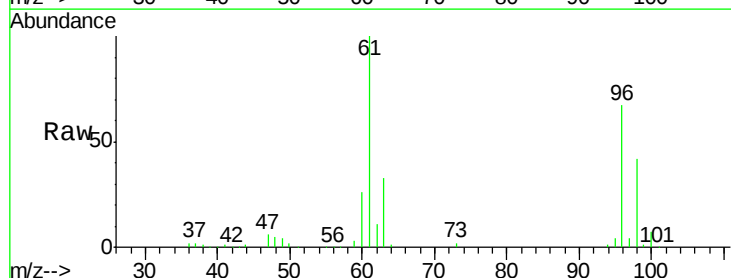
Tgt Ion: 96 Resp: 83893

Ion Ratio Lower Upper

96 100

61 148.9 102.4 190.2

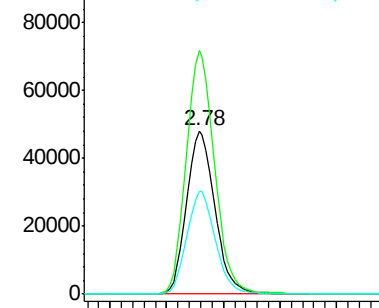
98 63.1 44.4 82.5



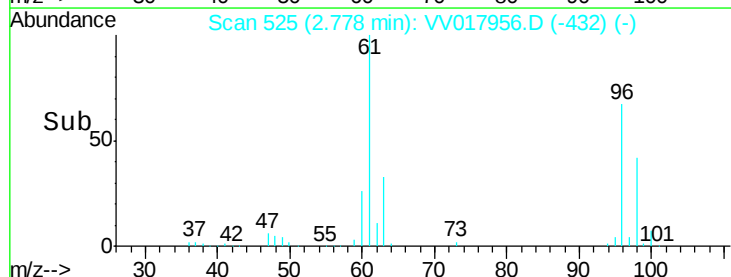
Abundance Ion 96.00 (95.70 to 96.70): VV0

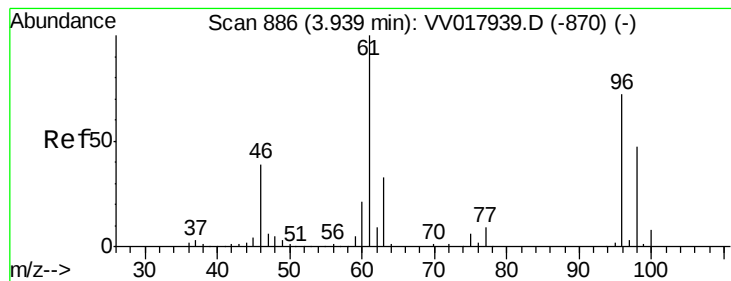
Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



Time-->



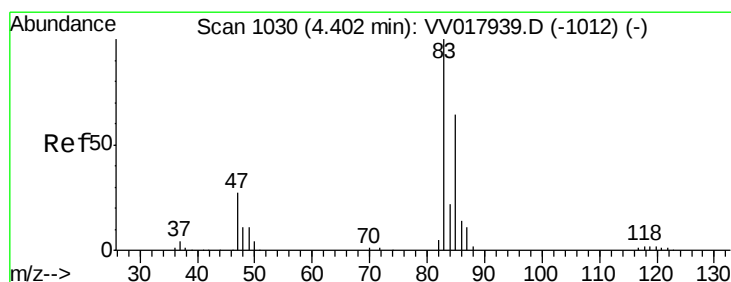
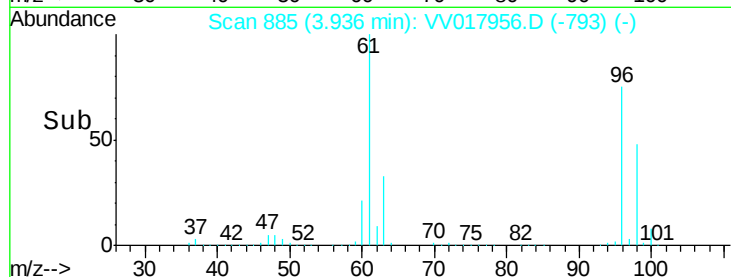
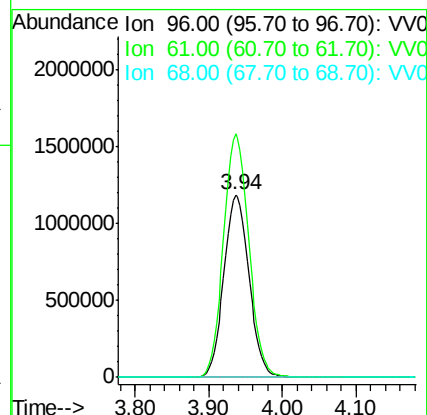
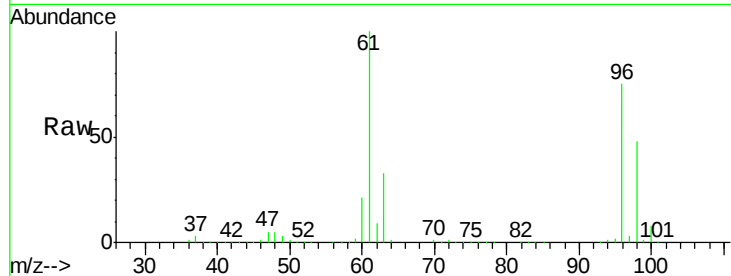


#20

cis-1,2-Dichloroethene
 Concen: 1532.185 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV017956.D
 Acq: 13 Aug 2020 03:40

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 MSVOA_V
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 F2L68

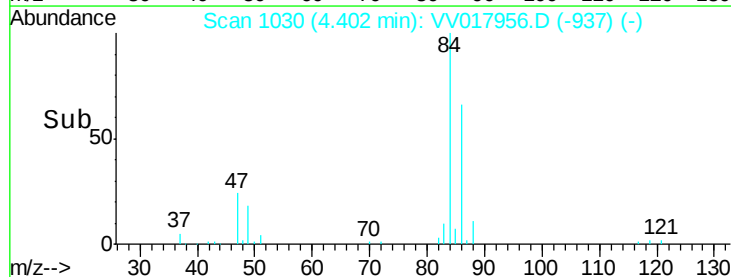
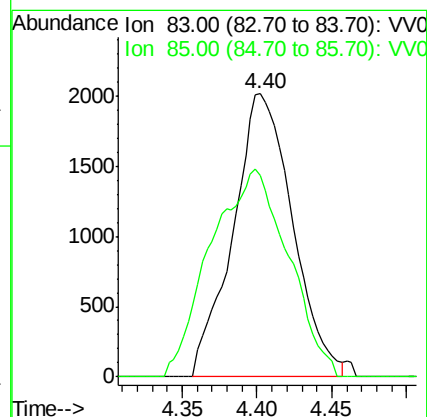
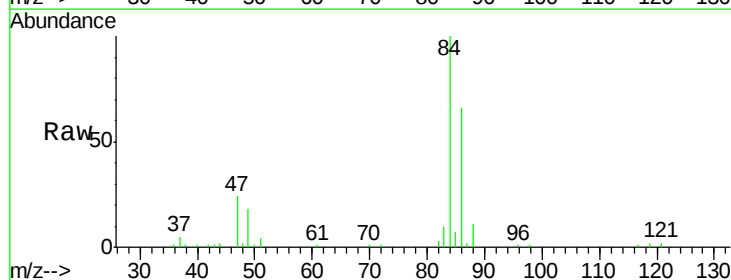
Tot Ion: 96 Resp: 2823293
 Ion Ratio Lower Upper
 96 100
 61 133.6 95.0 176.4
 68 0.0 0.0 0.0

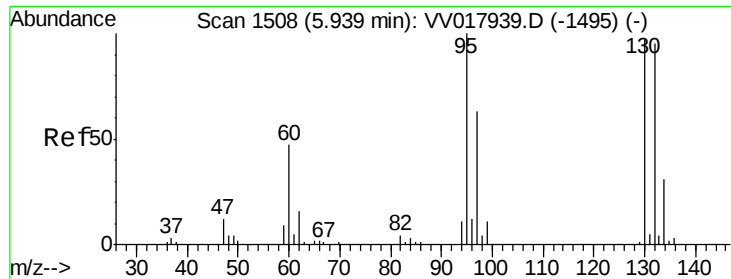


#25

Chloroform
 Concen: 1.628 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VV017956.D
 Acq: 13 Aug 2020 03:40

Tgt Ion: 83 Resp: 5598
 Ion Ratio Lower Upper
 83 100
 85 71.2 45.5 84.5

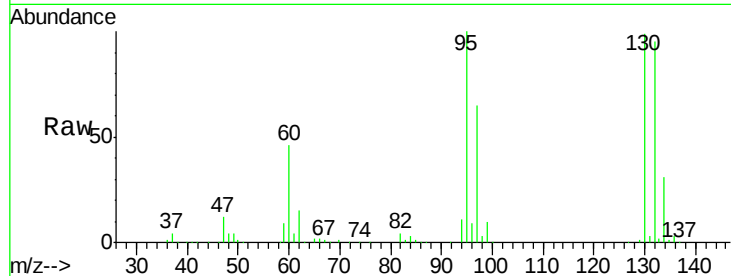




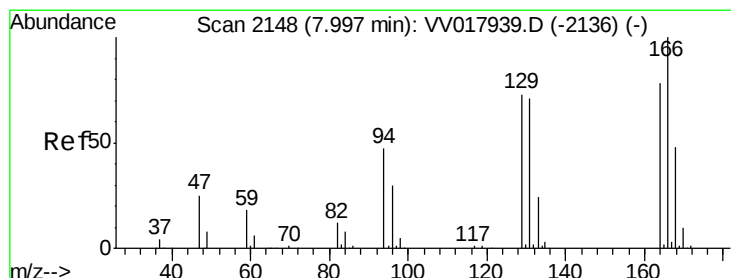
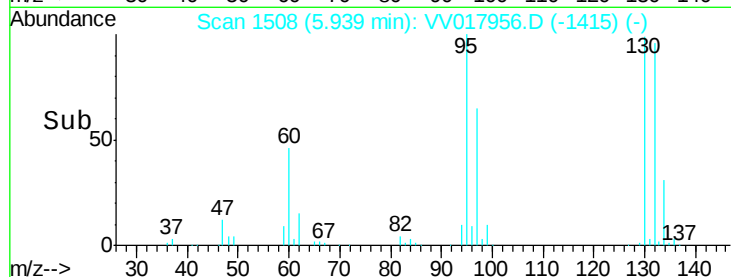
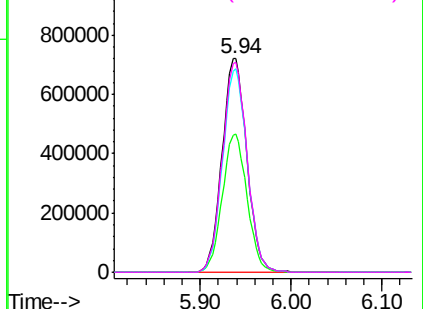
#34
 Trichloroethene
 Concen: 694.404 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017956.D
 Acq: 13 Aug 2020 03:40

Instrument :
 MSVOA_V
 ClientSampled :
 F2L68

Tot Ion: 95 Resp: 1358375
 Ion Ratio Lower Upper
 95 100
 97 64.7 46.0 85.4
 132 95.1 65.8 122.2
 130 98.5 69.2 128.6

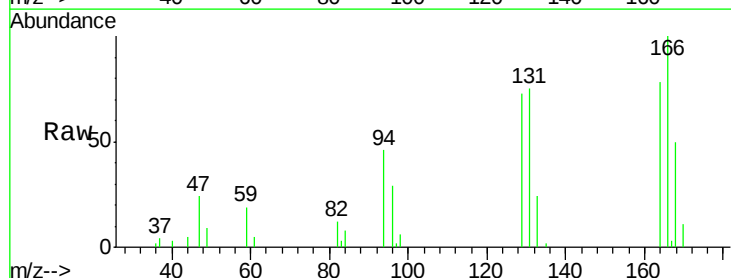


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



#46
 Tetrachloroethene
 Concen: 5.656 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV017956.D
 Acq: 13 Aug 2020 03:40

Tgt Ion: 164 Resp: 8115
 Ion Ratio Lower Upper
 164 100
 129 92.9 64.8 120.3
 131 95.3 64.5 119.9
 166 127.4 88.9 165.1



Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V

