

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071320\
 Data File : VV017468.D
 Acq On : 13 Jul 2020 14:26
 Operator : SY/MD
 Sample : L3270-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A32

Quant Time: Jul 14 06:10:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 14 05:08:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	288054	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	271978	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130796	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76856	51.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.50%
7) Chloroethane-d5	1.58	69	58466	55.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.12	63	122489	36.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.14%
21) 2-Butanone-d5	3.91	46	96853	94.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.56%
24) Chloroform-d	4.38	84	163045	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.06	65	120366	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
32) Benzene-d6	5.08	84	291715	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.30%
36) 1,2-Dichloropropane-d6	6.09	67	82368	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.36%
41) Toluene-d8	7.34	98	275693	48.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.62%
43) trans-1,3-Dichloropropene-	7.64	79	48364	49.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.22%
47) 2-Hexanone-d5	8.11	63	65722	94.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	104756	44.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	116610	53.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.64%

Target Compounds

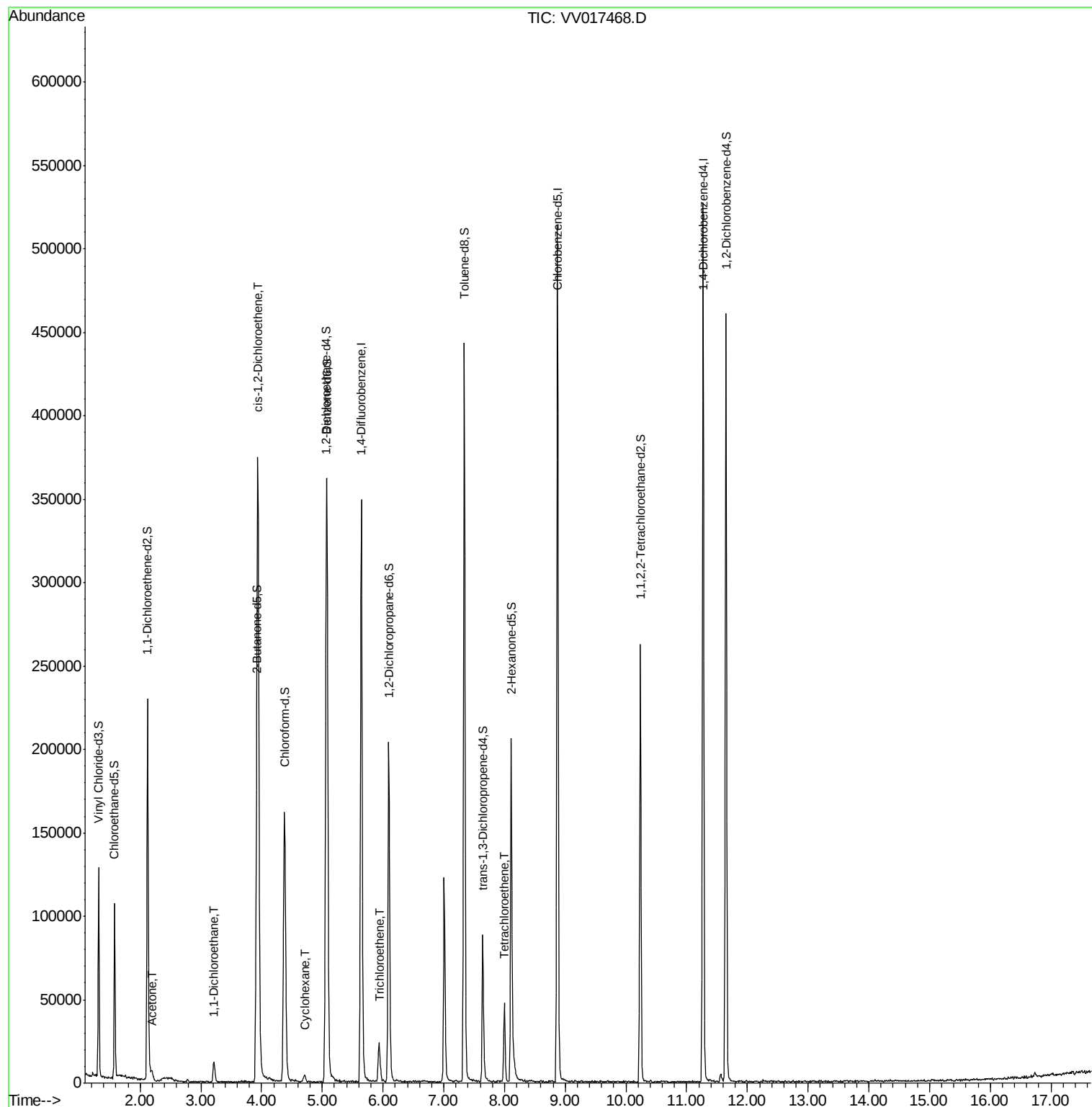
					Ovalue
13) Acetone	2.20	43	7231	5.186	ug/L 91
19) 1,1-Dichloroethane	3.22	63	11855	3.427	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	190713	94.603	ug/L 93
29) Cyclohexane	4.70	56	1988	0.701	ug/L # 89
34) Trichloroethene	5.95	95	3529	1.653	ug/L 95
46) Tetrachloroethene	8.00	164	10300	5.747	ug/L 99

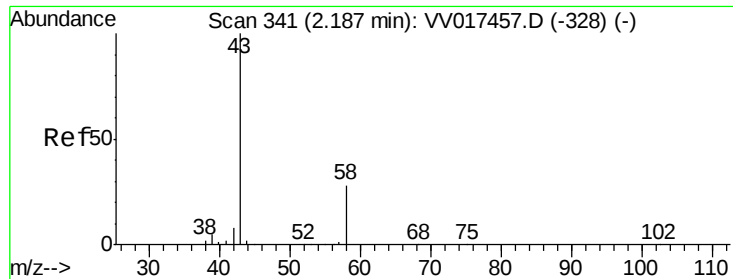
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jul 14 05:08:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.186 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV017468.D

Acq: 13 Jul 2020 14:26

Instrument :

MSVOA_V

ClientSampled :

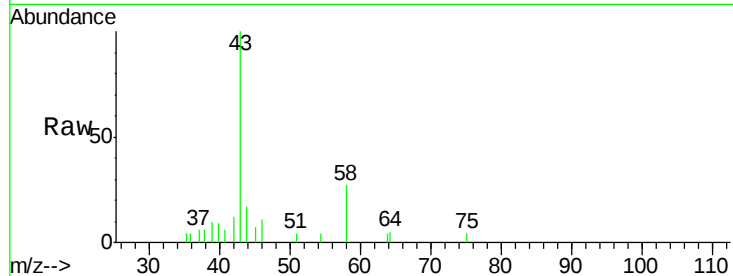
F4A32

Tot Ion: 43 Resp: 7231

Ion Ratio Lower Upper

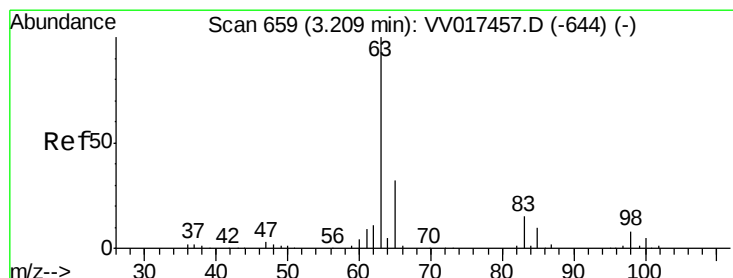
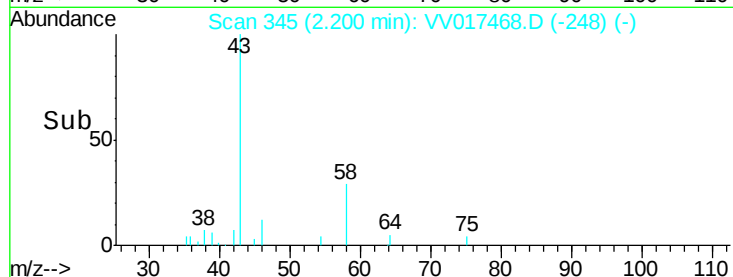
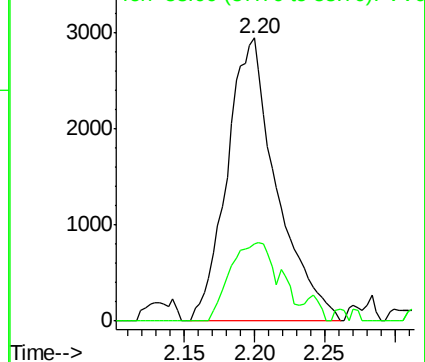
43 100

58 23.1 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#19

1,1-Dichloroethane

Concen: 3.427 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.01 min

Lab File: VV017468.D

Acq: 13 Jul 2020 14:26

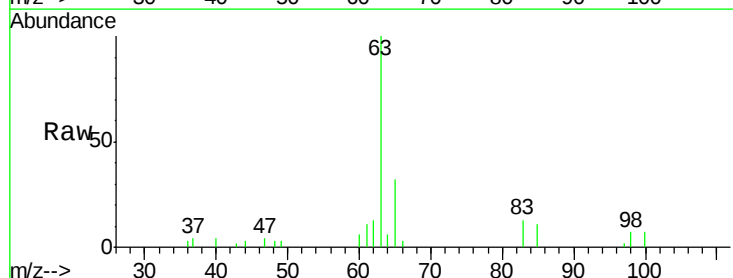
Tgt Ion: 63 Resp: 11855

Ion Ratio Lower Upper

63 100

65 32.4 22.1 41.1

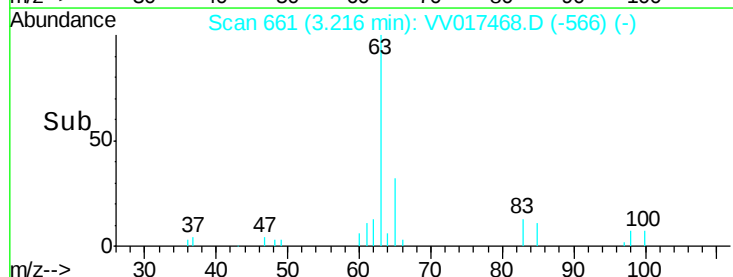
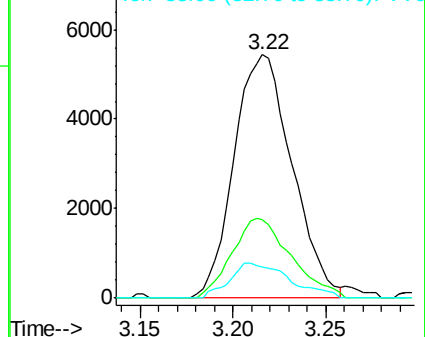
83 12.8 10.1 18.9

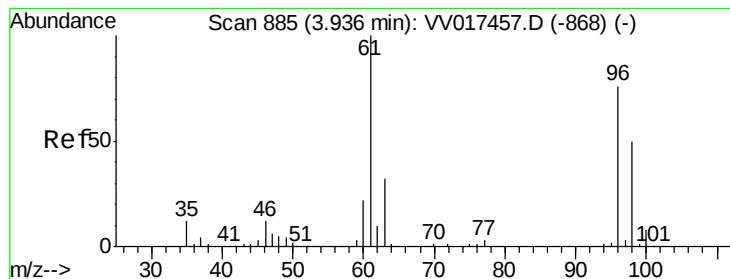


Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



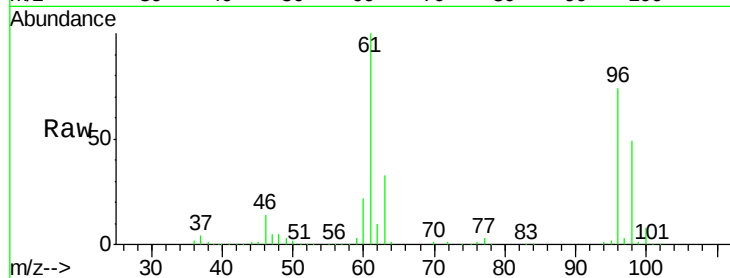


#20

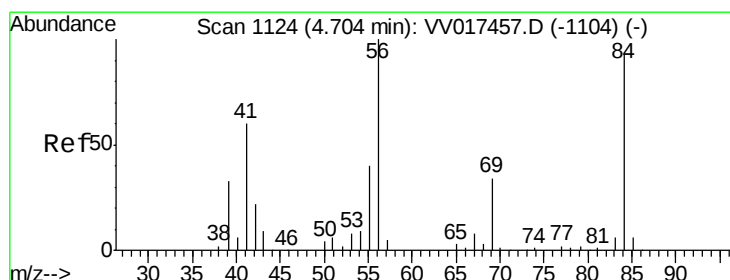
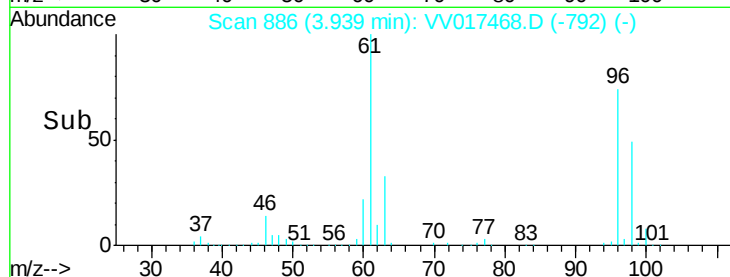
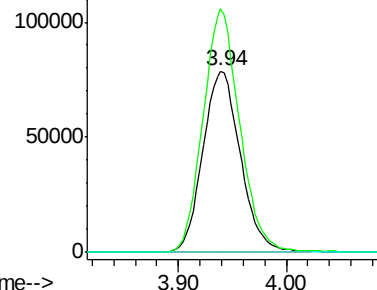
cis-1,2-Dichloroethene
 Concen: 94.603 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017468.D
 Acq: 13 Jul 2020 14:26

Instrument :
 MSVOA_V
 ClientSampled :
 F4A32

Tot Ion: 96 Resp: 190713
 Ion Ratio Lower Upper
 96 100
 61 134.5 88.9 165.1
 68 0.0 0.0 0.0



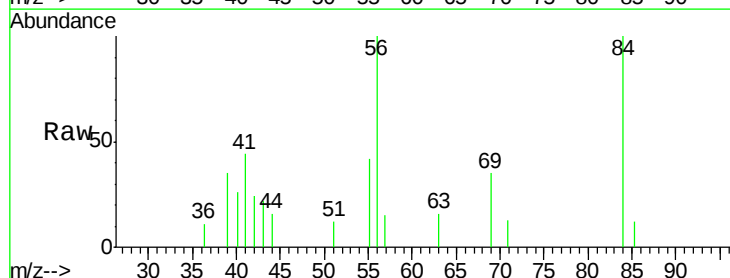
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0



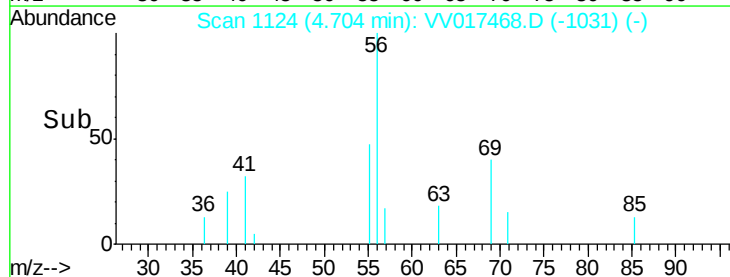
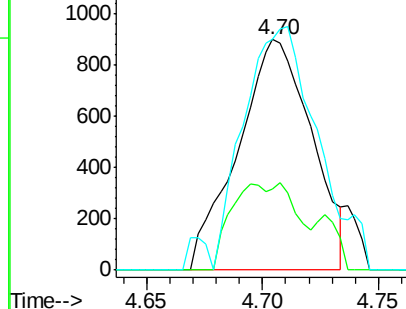
#29

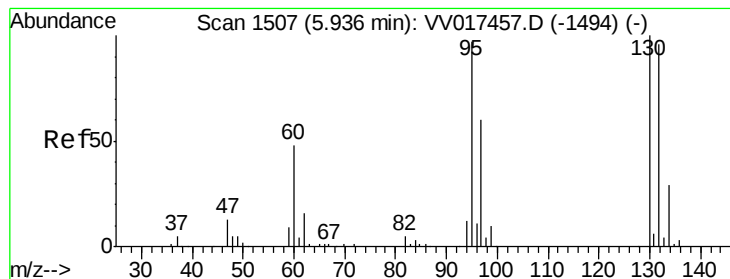
Cyclohexane
 Concen: 0.701 ug/L
 RT: 4.70 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: VV017468.D
 Acq: 13 Jul 2020 14:26

Tgt Ion: 56 Resp: 1988
 Ion Ratio Lower Upper
 56 100
 69 18.5 27.0 40.4#
 84 101.8 77.4 116.0



Abundance Ion 56.00 (55.70 to 56.70): VV0
 Ion 69.00 (68.70 to 69.70): VV0
 Ion 84.00 (83.70 to 84.70): VV0





#34

Trichloroethene

Concen: 1.653 ug/L

RT: 5.95 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VV017468.D

Acq: 13 Jul 2020 14:26

Instrument :

MSVOA_V

ClientSampled :

F4A32

Tot Ion: 95 Resp: 3529

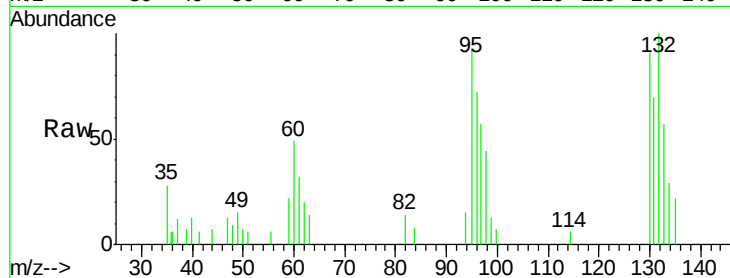
Ion Ratio Lower Upper

95 100

97 62.6 45.6 84.6

132 109.1 74.1 137.5

130 99.3 75.5 140.3

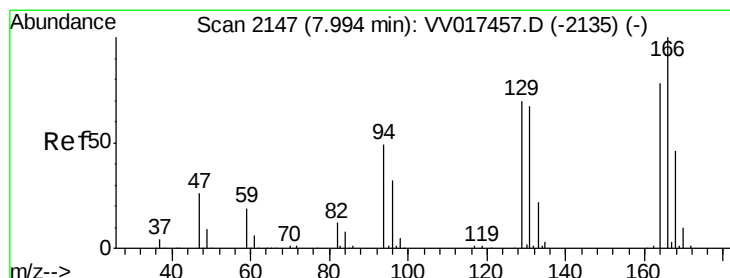
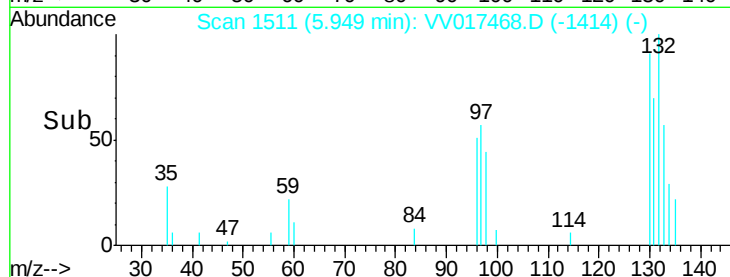
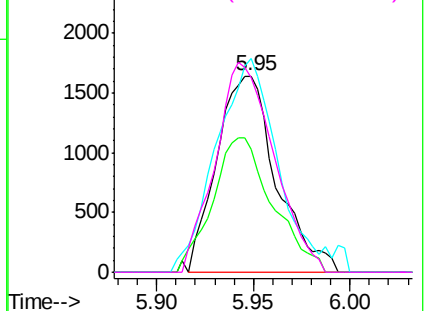


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 5.747 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017468.D

Acq: 13 Jul 2020 14:26

Tgt Ion: 164 Resp: 10300

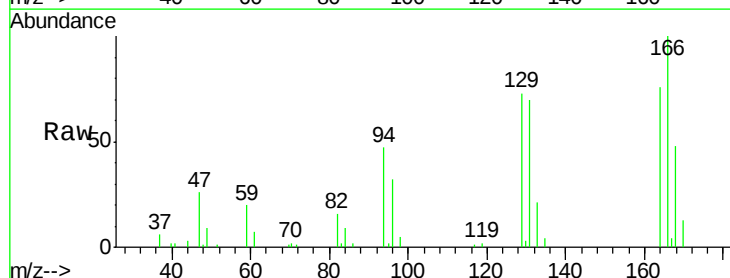
Ion Ratio Lower Upper

164 100

129 96.1 66.6 123.8

131 92.7 65.5 121.7

166 131.7 93.9 174.5



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

