

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071020\
 Data File : VV017436.D
 Acq On : 10 Jul 2020 13:47
 Operator : SY/MD
 Sample : L3254-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A44

Quant Time: Jul 11 00:25:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 11 00:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	265437	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	251963	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124566	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56271	40.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.44%
7) Chloroethane-d5	1.58	69	42093	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.72%
11) 1,1-Dichloroethene-d2	2.12	63	96687	30.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.80%
21) 2-Butanone-d5	3.87	46	69	0.07	ug/L	-0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.07%#
24) Chloroform-d	4.38	84	141533	44.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.56%
26) 1,2-Dichloroethane-d4	5.06	65	105204	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
32) Benzene-d6	5.08	84	248887	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.46%
36) 1,2-Dichloropropane-d6	6.09	67	72986	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.14%
41) Toluene-d8	7.34	98	231527	44.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.50%
43) trans-1,3-Dichloropropene-	7.64	79	40641	44.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.10%
47) 2-Hexanone-d5	8.11	63	59126	91.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	96688	43.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	102621	49.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.54%

Target Compounds

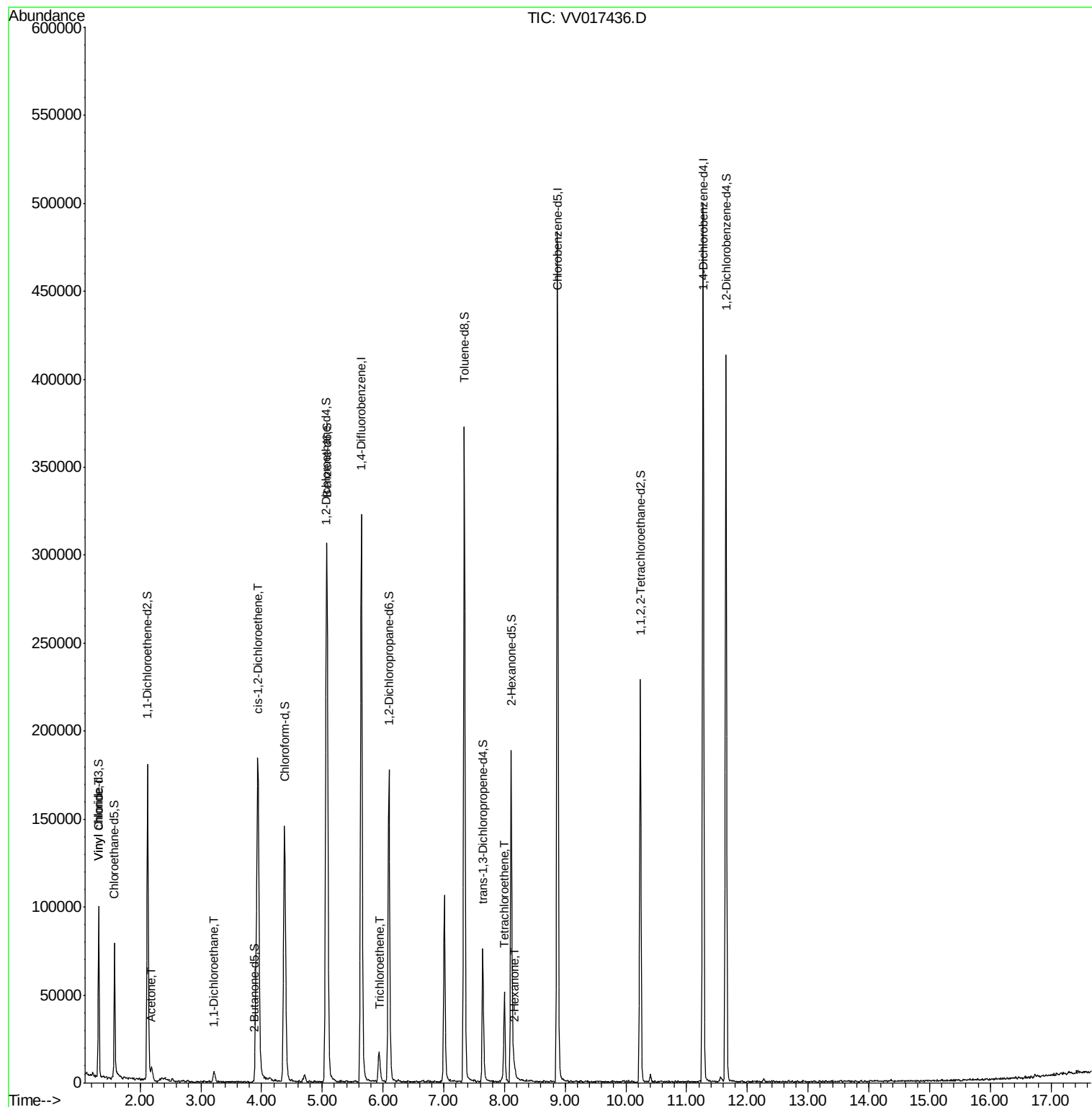
					Ovalue
5) Vinyl chloride	1.32	62	2152	1.061 ug/L #	45
13) Acetone	2.19	43	9516	7.407 ug/L	89
19) 1,1-Dichloroethane	3.22	63	5835	1.830 ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	89578	48.221 ug/L	96
34) Trichloroethene	5.95	95	2409	1.218 ug/L	79
46) Tetrachloroethene	8.00	164	11082	6.674 ug/L	97
48) 2-Hexanone	8.18	43	4315	2.366 ug/L #	64

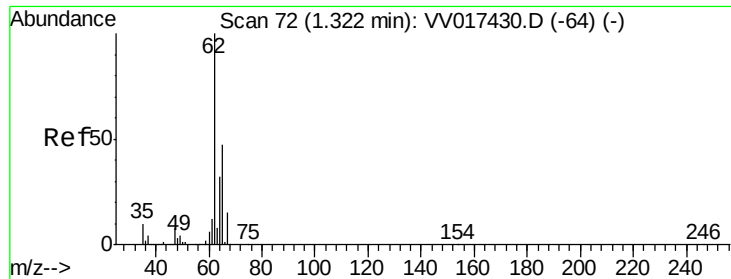
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 11 00:23:19 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.061 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017436.D

Acq: 10 Jul 2020 13:47

Instrument :

MSVOA_V

ClientSampleId :

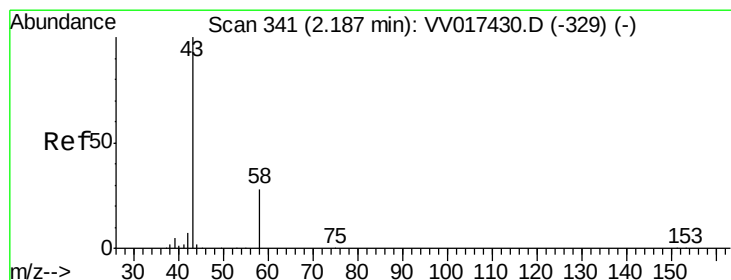
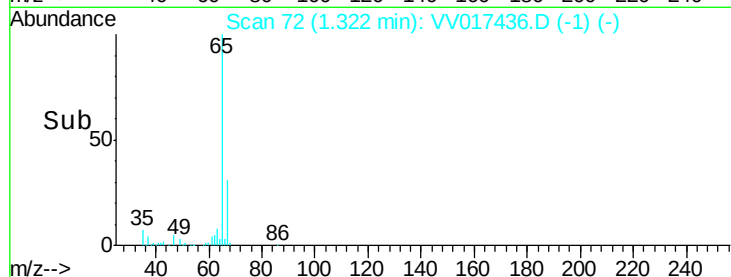
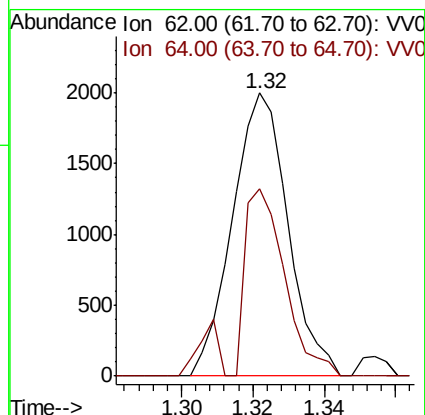
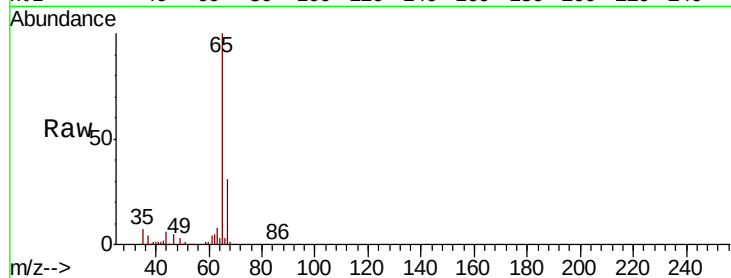
F4A44

Tot Ion: 62 Resp: 2152

Ion Ratio Lower Upper

62 100

64 66.3 24.1 44.7#



#13

Acetone

Concen: 7.407 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017436.D

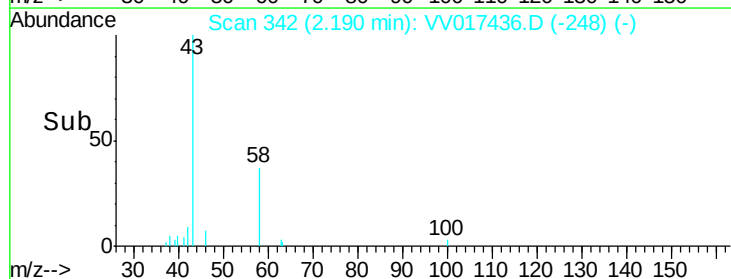
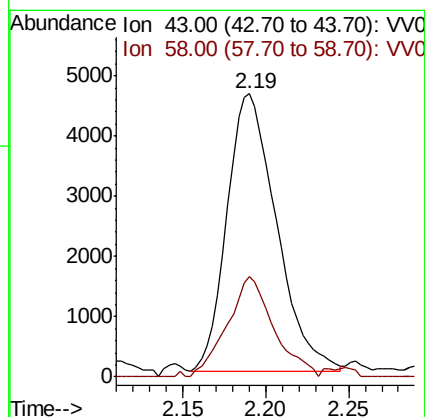
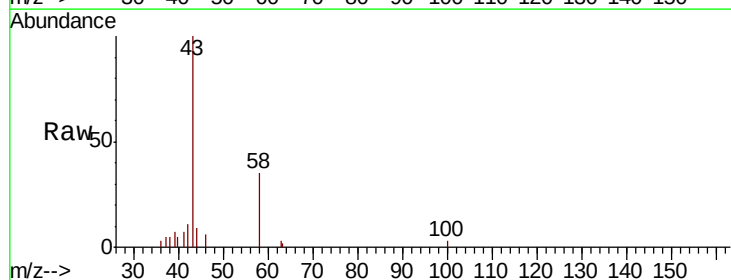
Acq: 10 Jul 2020 13:47

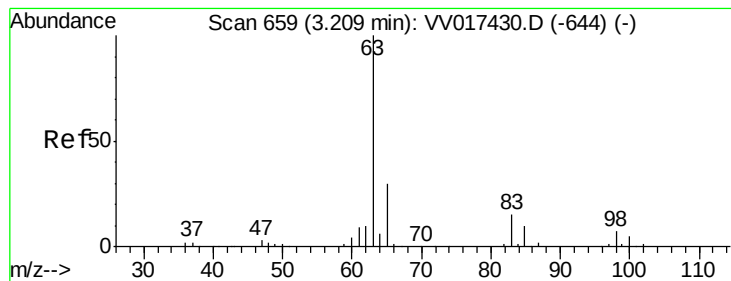
Tgt Ion: 43 Resp: 9516

Ion Ratio Lower Upper

43 100

58 34.0 0.0 56.0





#19

1,1-Dichloroethane

Concen: 1.830 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.01 min

Lab File: VV017436.D

Acq: 10 Jul 2020 13:47

Instrument :

MSVOA_V

ClientSampleId :

F4A44

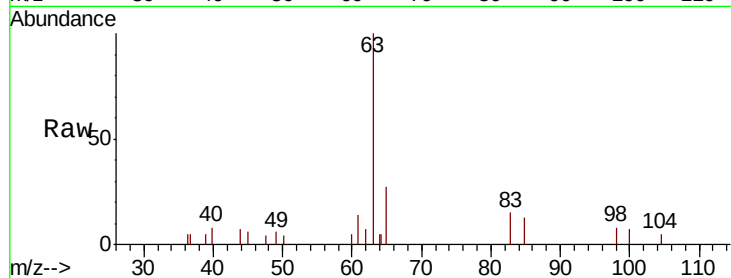
Tot Ion: 63 Resp: 5835

Ion Ratio Lower Upper

63 100

65 26.9 22.1 41.1

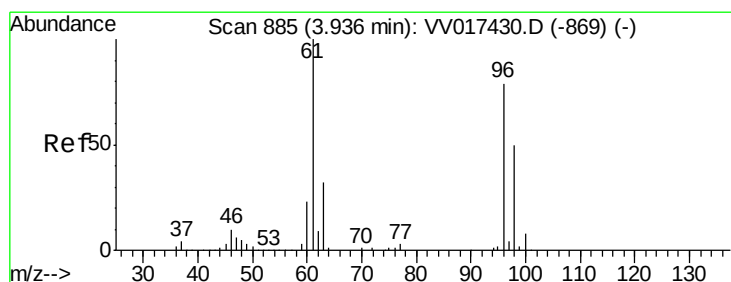
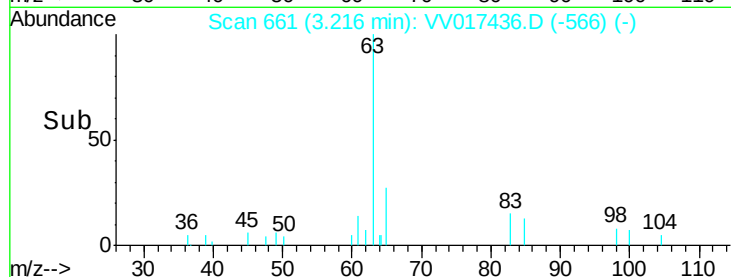
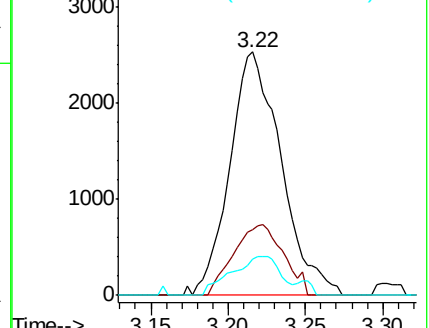
83 14.8 10.1 18.9



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: 48.221 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV017436.D

Acq: 10 Jul 2020 13:47

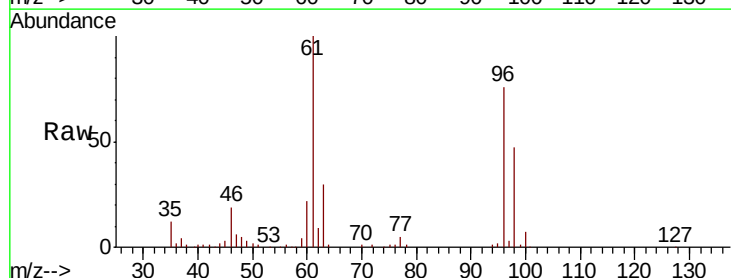
Tgt Ion: 96 Resp: 89578

Ion Ratio Lower Upper

96 100

61 131.3 88.9 165.1

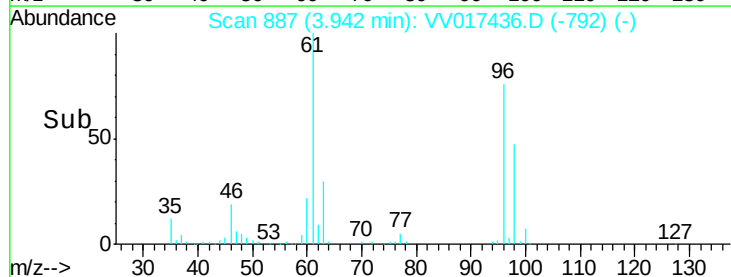
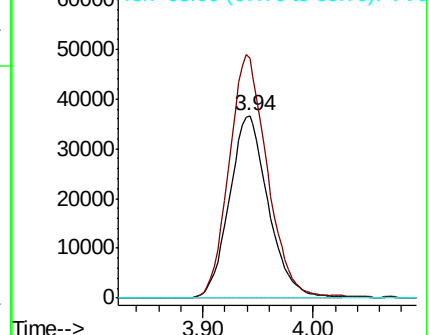
68 0.0 0.0 0.0

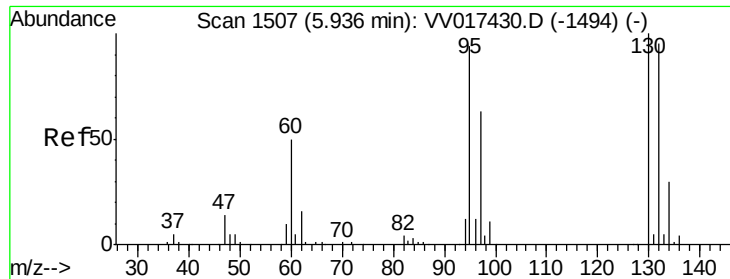


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 1.218 ug/L

RT: 5.95 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VV017436.D

Acq: 10 Jul 2020 13:47

Instrument :

MSVOA_V

ClientSampleId :

F4A44

Tot Ion: 95 Resp: 2409

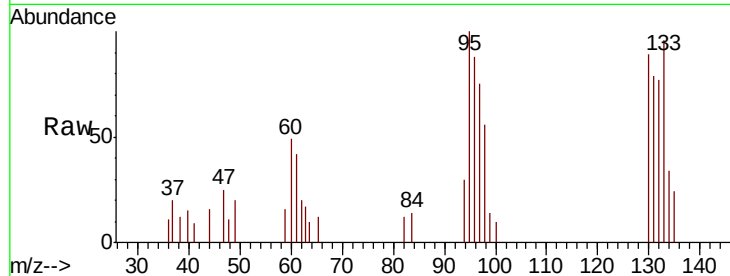
Ion Ratio Lower Upper

95 100

97 74.8 45.6 84.6

132 76.7 74.1 137.5

130 88.8 75.5 140.3

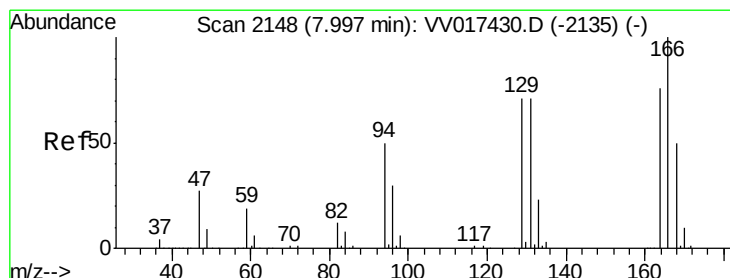
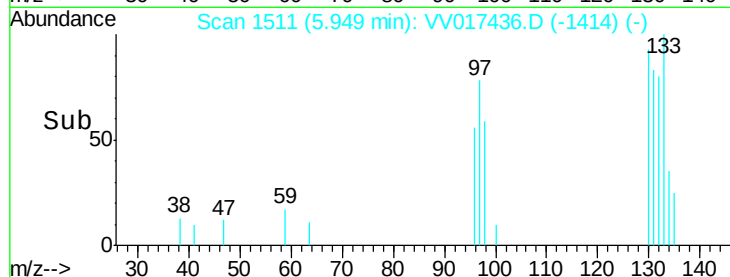
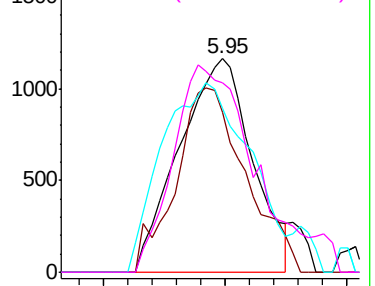


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#46

Tetrachloroethene

Concen: 6.674 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017436.D

Acq: 10 Jul 2020 13:47

Tgt Ion: 164 Resp: 11082

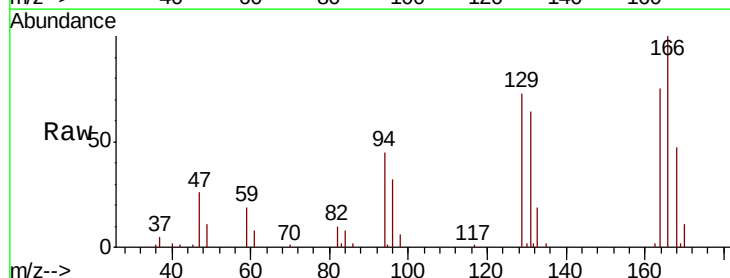
Ion Ratio Lower Upper

164 100

129 96.9 66.6 123.8

131 85.7 65.5 121.7

166 133.4 93.9 174.5

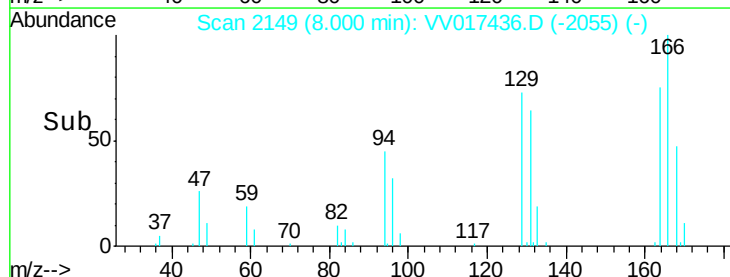
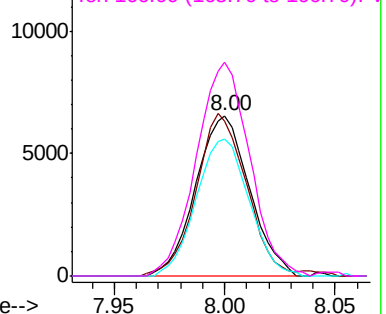


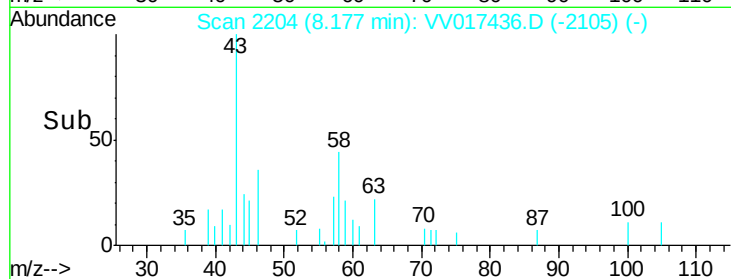
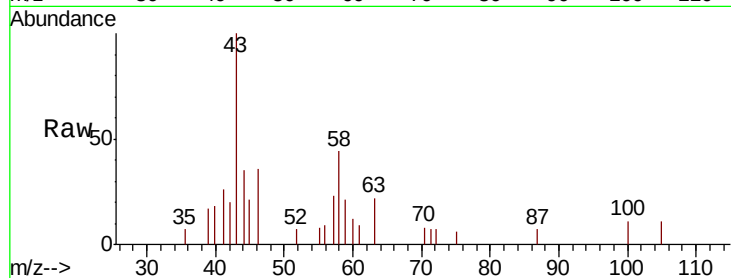
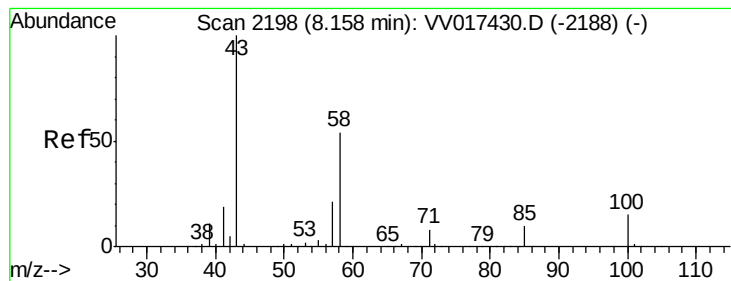
Abundance Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0





#48

2-Hexanone

Concen: 2.366 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. 0.02 min

Lab File: VV017436.D

Acq: 10 Jul 2020 13:47

Instrument :

MSVOA_V

ClientSampleId :

F4A44

Tot Ion: 43 Resp: 4315

Ion Ratio Lower Upper

43 100

58 20.7 42.6 64.0#

57 11.8 16.2 24.4#

100 4.1 10.9 16.3#

