

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061920\
 Data File : VV017004.D
 Acq On : 19 Jun 2020 17:02
 Operator : SY/MD
 Sample : L3074-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 20 02:06:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 20 02:04:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	332975	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	311113	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143801	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106378	45.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.56%
7) Chloroethane-d5	1.58	69	66202	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.92%
11) 1,1-Dichloroethene-d2	2.12	63	151529	38.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.82%
21) 2-Butanone-d5	3.91	46	154400	88.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.79%
24) Chloroform-d	4.38	84	227434	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.06	65	161461	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.38%
32) Benzene-d6	5.08	84	438823	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
36) 1,2-Dichloropropane-d6	6.09	67	133987	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.86%
41) Toluene-d8	7.34	98	402957	48.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.92%
43) trans-1,3-Dichloropropene-	7.64	79	67476	46.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.68%
47) 2-Hexanone-d5	8.11	63	94978	77.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.93%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	161763	43.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	160429	52.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.56%

Target Compounds

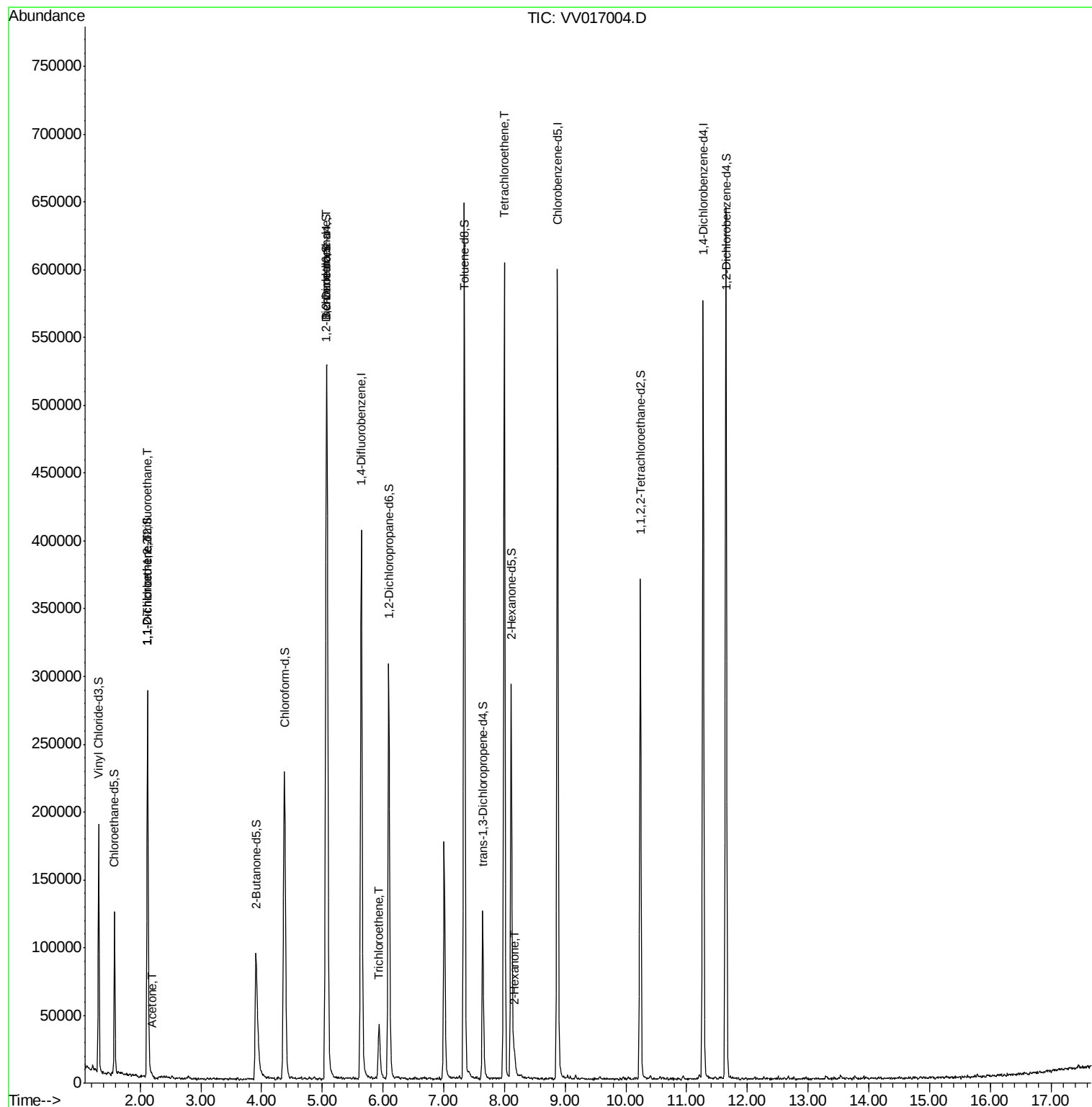
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1759	0.994 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1429	0.865 ug/L #	1
13) Acetone	2.19	43	2547	2.223 ug/L	81
27) 1,2-Dichloroethane	5.08	62	3171	0.868 ug/L	95
34) Trichloroethene	5.94	95	7559	3.062 ug/L	94
46) Tetrachloroethene	8.00	164	132725	68.358 ug/L	96
48) 2-Hexanone	8.17	43	9313	3.541 ug/L #	79

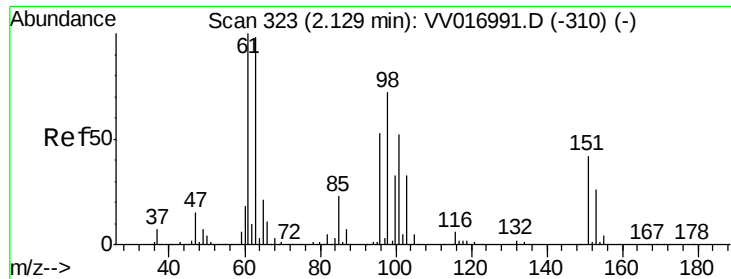
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.994 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV017004.D

Acq: 19 Jun 2020 17:02

Instrument :

MSVOA_V

ClientSampleId :

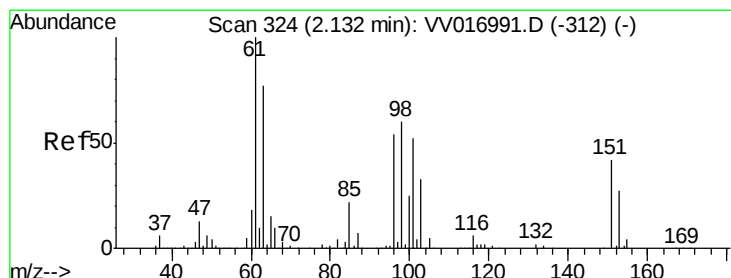
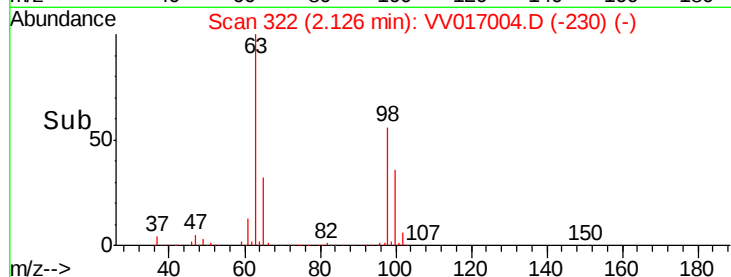
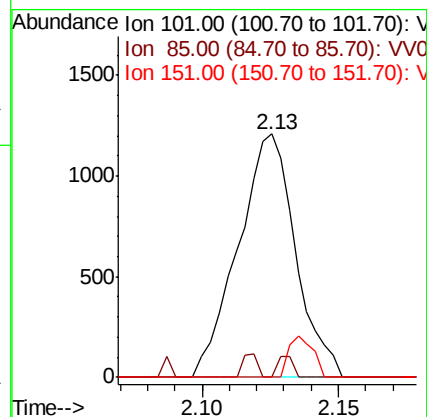
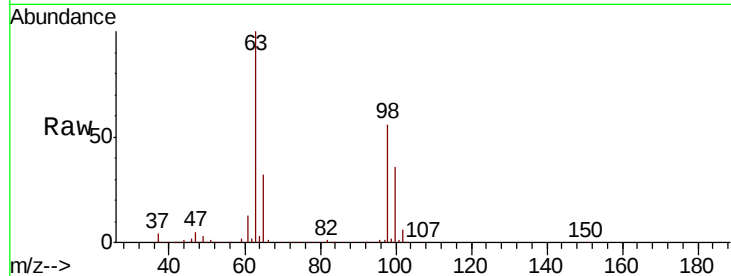
Tot Ion:101 Resp: 1759

Ion Ratio Lower Upper

101 100

85 2.4 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.865 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017004.D

Acq: 19 Jun 2020 17:02

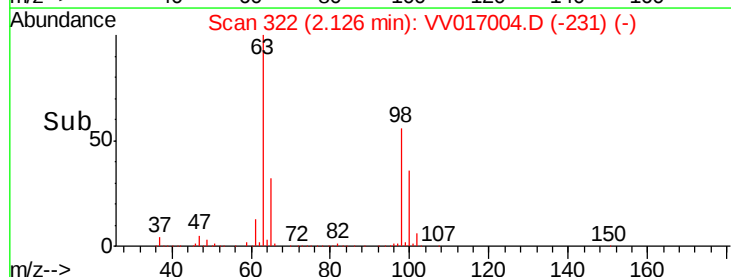
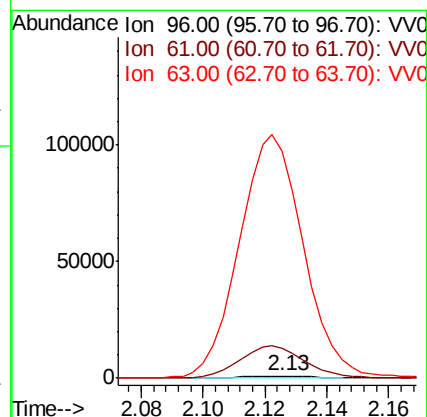
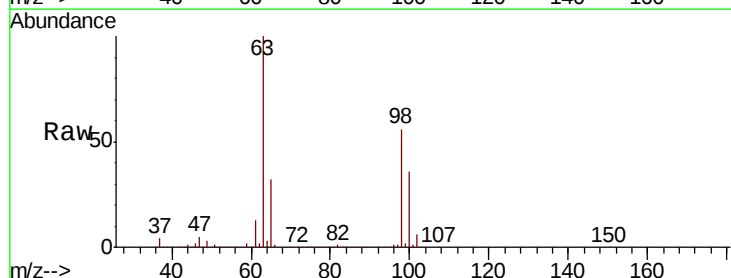
Tgt Ion: 96 Resp: 1429

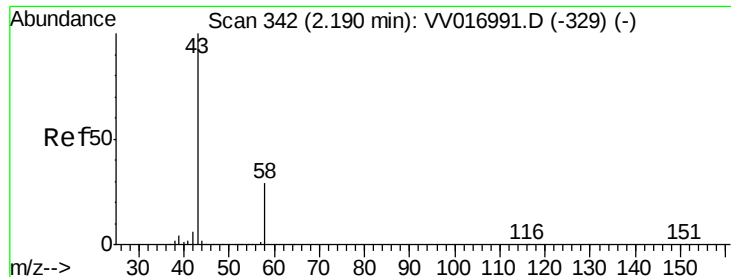
Ion Ratio Lower Upper

96 100

61 1355.8 130.4 242.2#

63 10412.0 103.3 191.9#





#13

Acetone

Concen: 2.223 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV017004.D

Acq: 19 Jun 2020 17:02

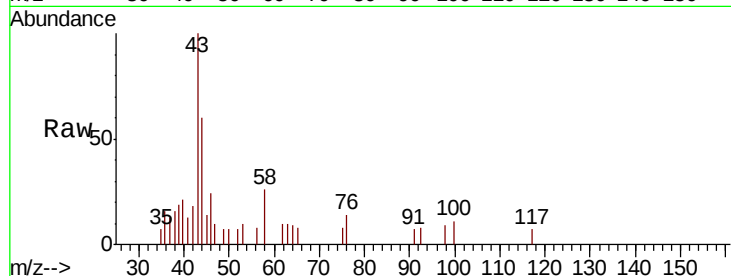
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 2547

Ion Ratio Lower Upper

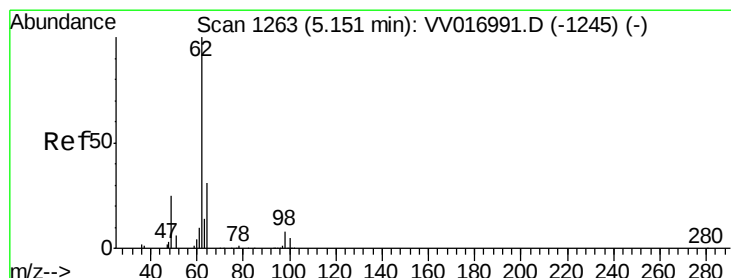
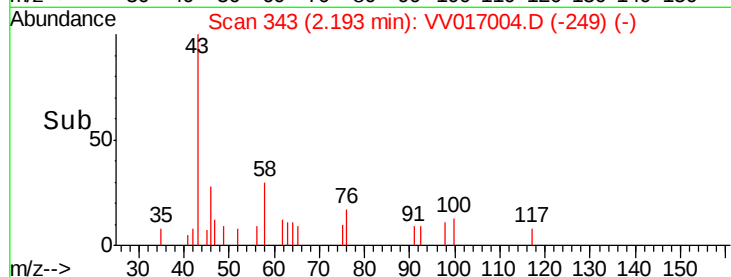
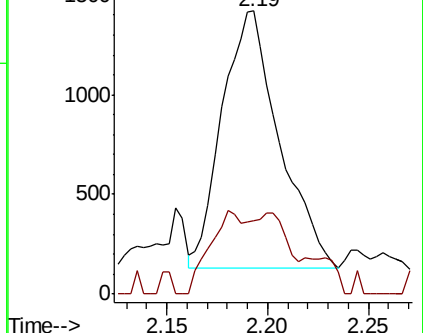
43 100

58 17.5 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016991.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV016991.D (-329) (-)



#27

1,2-Dichloroethane

Concen: 0.868 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.07 min

Lab File: VV017004.D

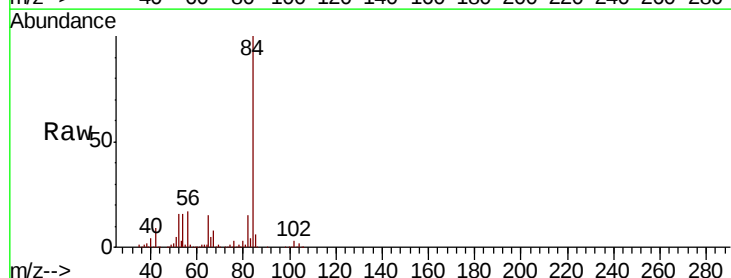
Acq: 19 Jun 2020 17:02

Tgt Ion: 62 Resp: 3171

Ion Ratio Lower Upper

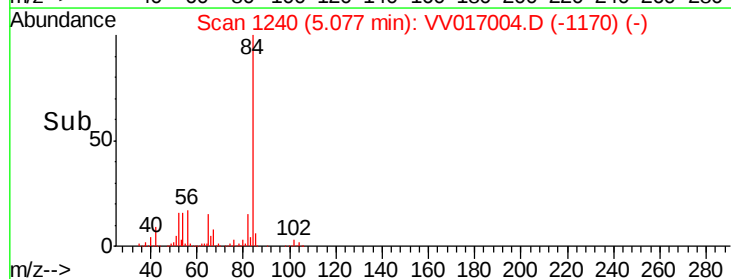
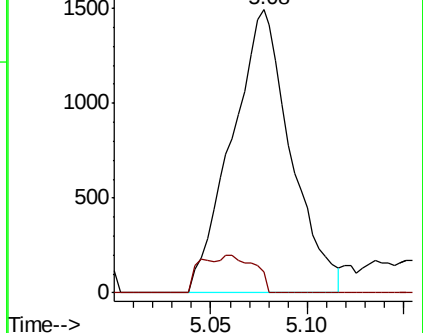
62 100

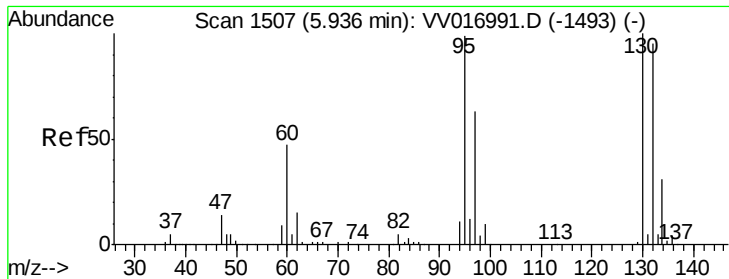
98 7.5 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV016991.D (-1245) (-)

Ion 98.00 (97.70 to 98.70): VV016991.D (-1245) (-)





#34

Trichloroethene

Concen: 3.062 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017004.D

Acq: 19 Jun 2020 17:02

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 7559

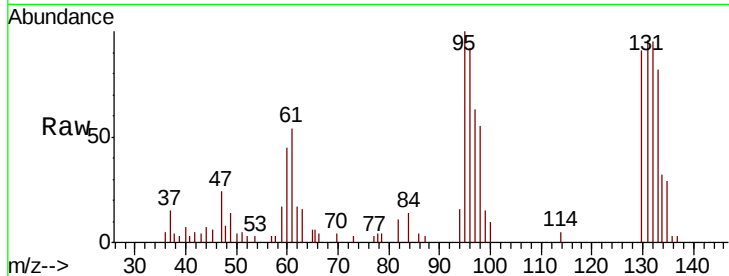
Ion Ratio Lower Upper

95 100

97 62.8 44.3 82.3

132 95.2 67.9 126.1

130 90.8 72.2 134.2

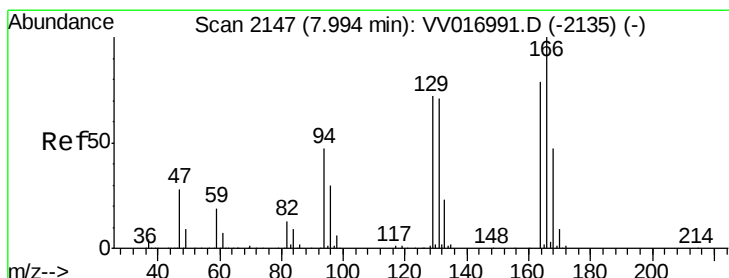
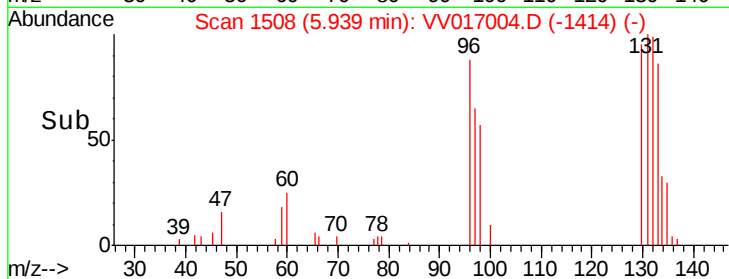
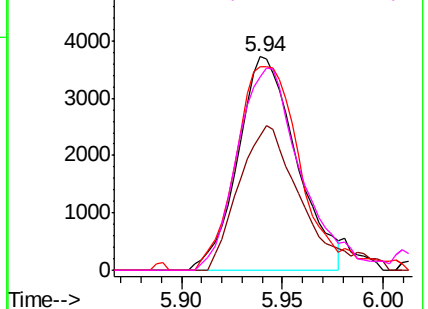


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 68.358 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017004.D

Acq: 19 Jun 2020 17:02

Tgt Ion:164 Resp: 132725

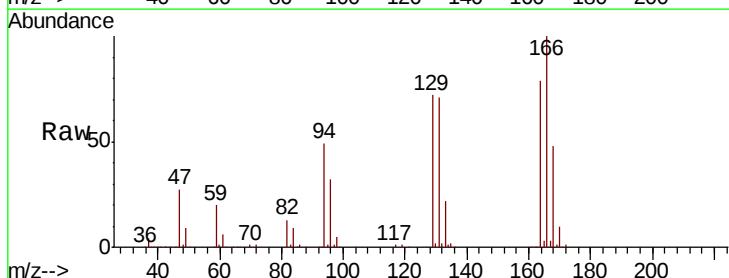
Ion Ratio Lower Upper

164 100

129 90.4 67.0 124.4

131 89.6 64.8 120.3

166 126.1 90.4 167.8

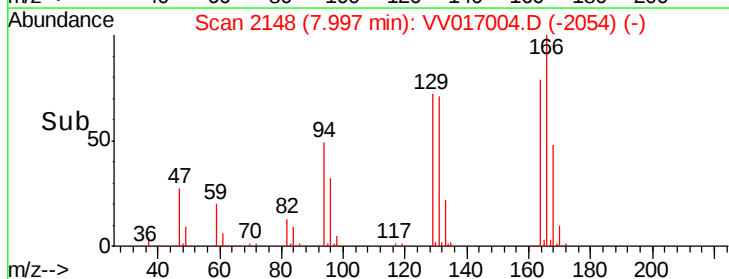
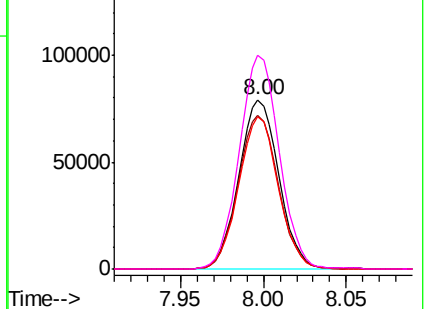


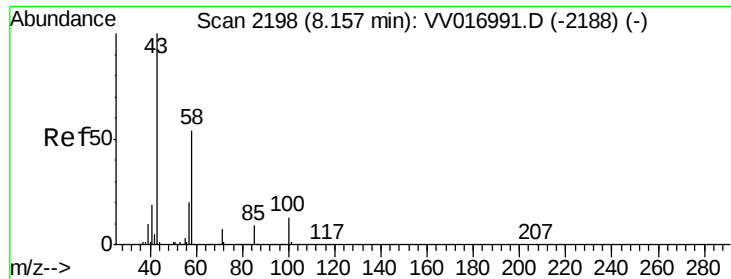
Abundance Ion 164.00 (163.70 to 164.70): V

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





#48
 2-Hexanone
 Concen: 3.541 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV017004.D
 Acq: 19 Jun 2020 17:02

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 9313
 Ion Ratio Lower Upper
 43 100
 58 35.1 43.1 64.7#
 57 13.4 15.3 22.9#
 100 7.6 10.0 15.0#

