

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017338.D
 Acq On : 18 Nov 2020 19:28
 Operator : SY/VA
 Sample : L4739-18RE
 Misc : 6.52G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB105

Quant Time: Nov 19 05:45:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 19 05:03:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	312079	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	179359	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	34786	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	141382	30.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.40%
7) Chloroethane-d5	2.90	69	112723	30.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.84%
10) 1,1-Dichloroethene-d2	4.02	63	174456	21.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.36%
20) 2-Butanone-d5	7.08	46	55421	73.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.08%#
24) Chloroform-d	7.65	84	218967	26.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.84%
26) 1,2-Dichloroethane-d4	8.31	65	114266	28.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.40%
29) Benzene-d6	8.28	84	417158	41.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	165.04%#
33) 1,2-Dichloropropane-d6	9.28	67	110592	41.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	164.24%#
37) Toluene-d8	10.33	98	307593	32.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	129.24%
38) trans-1,3-Dichloropropene-	10.58	79	40397	34.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	137.80%#
39) 2-Hexanone-d5	10.93	63	33620	93.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	186.16%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	51406	25.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	28355	22.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.32%

Target Compounds

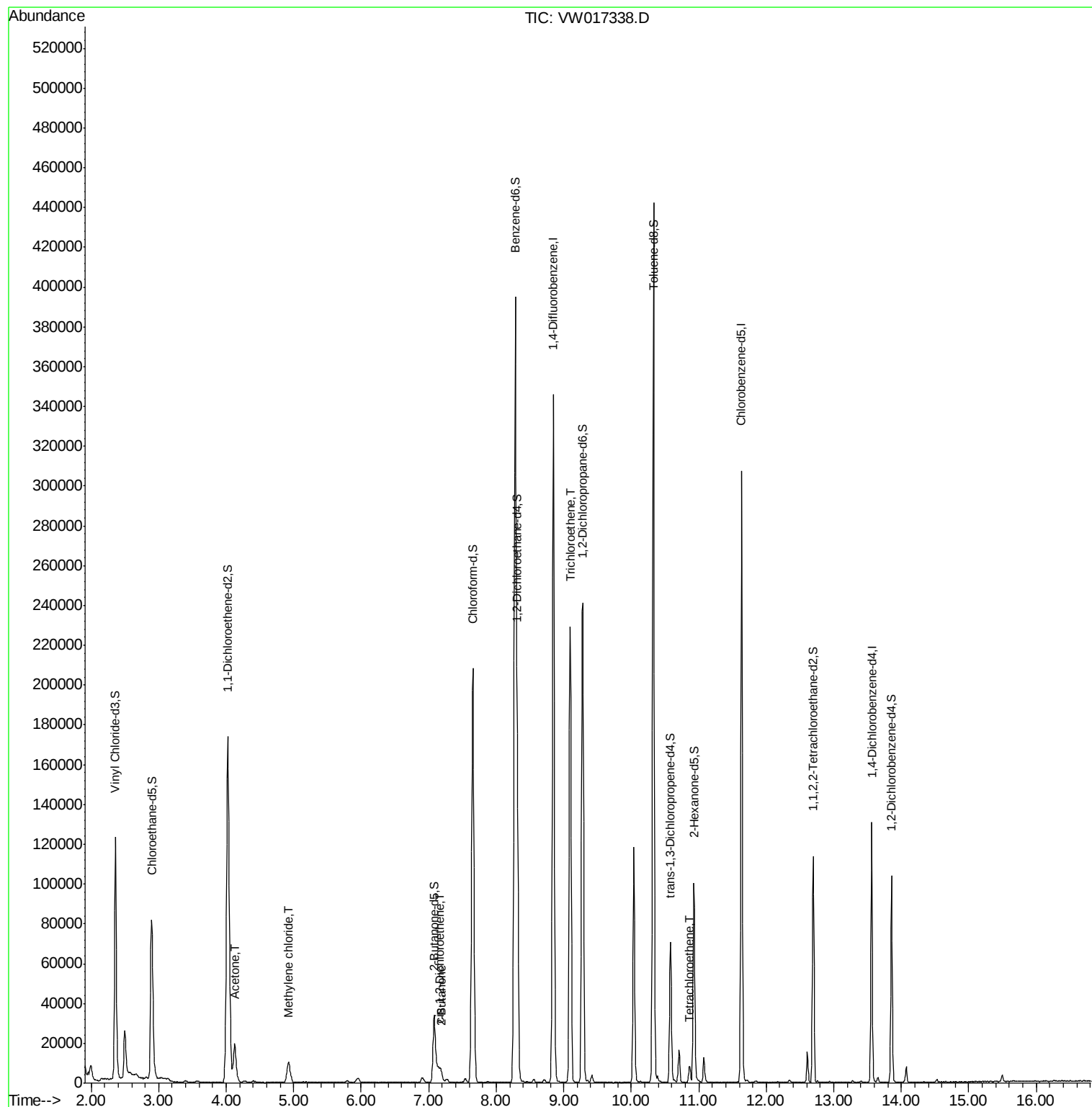
					Ovalue
13) Acetone	4.13	43	33225	60.016 ug/L	99
16) Methylene chloride	4.92	84	8995	1.685 ug/L	89
21) 2-Butanone	7.19	43	6004	7.075 ug/L	78
22) cis-1,2-Dichloroethene	7.17	96	1795	0.402 ug/L	94
35) Trichloroethene	9.09	95	79726	27.816 ug/L	99
47) Tetrachloroethene	10.87	164	2022	0.778 ug/L	96

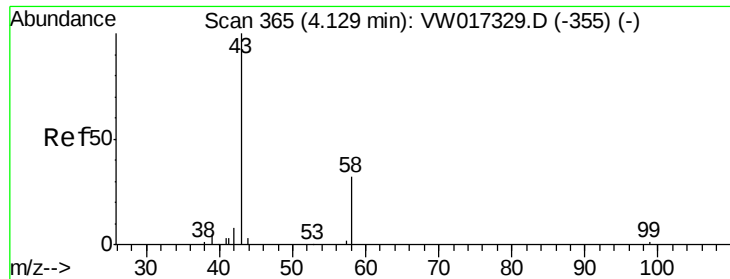
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Nov 19 05:03:18 2020
Response via : Initial Calibration





#13

Acetone

Concen: 60.016 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017338.D

Acq: 18 Nov 2020 19:28

Instrument :

MSVOA_W

ClientSampleId :

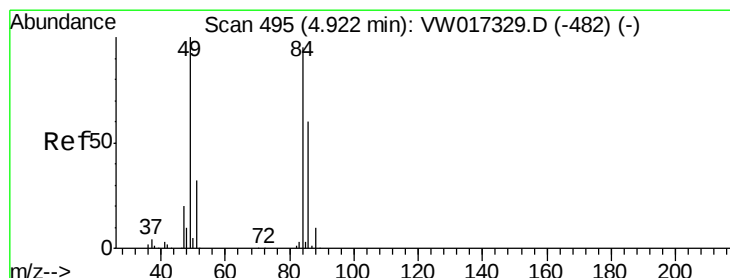
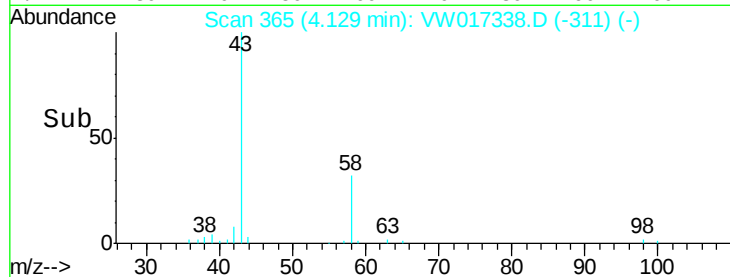
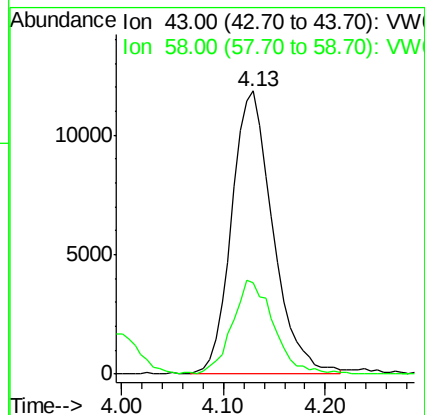
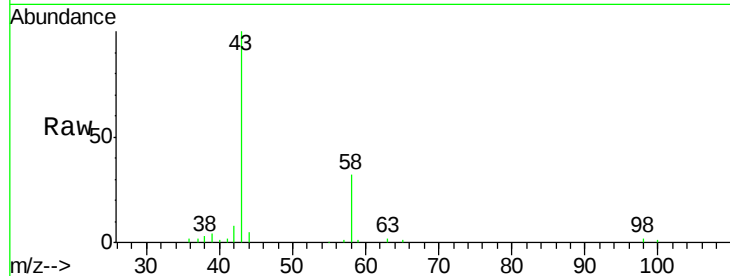
GB105

Tot Ion: 43 Resp: 33225

Ion Ratio Lower Upper

43 100

58 33.0 0.0 67.0



#16

Methylene chloride

Concen: 1.685 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017338.D

Acq: 18 Nov 2020 19:28

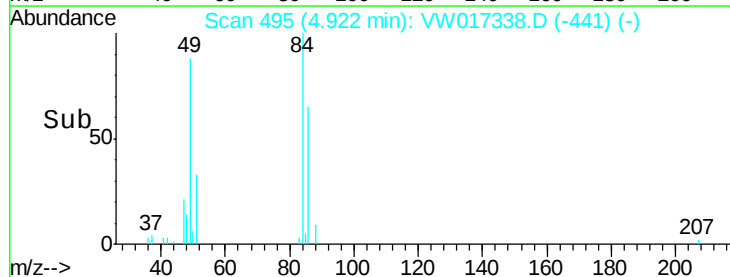
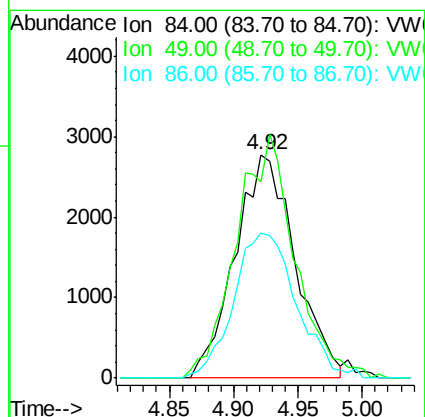
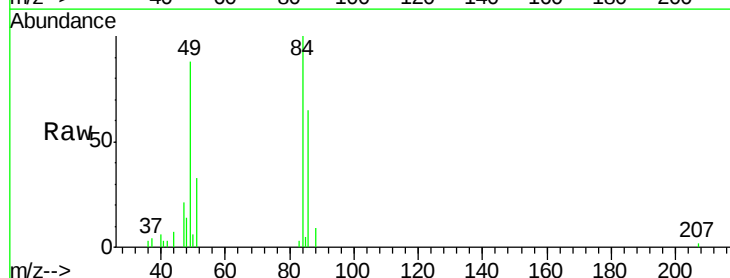
Tgt Ion: 84 Resp: 8995

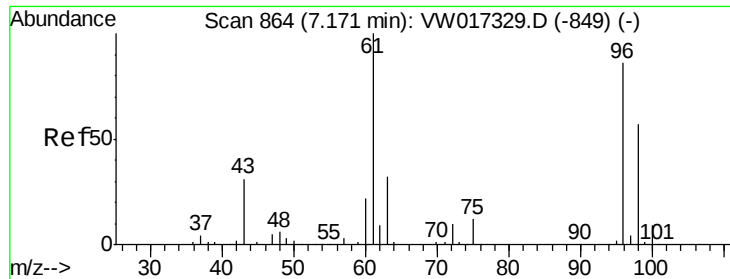
Ion Ratio Lower Upper

84 100

49 87.9 71.5 132.9

86 64.8 42.8 79.4





#21

2-Butanone

Concen: 7.075 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW017338.D

Acq: 18 Nov 2020 19:28

Instrument :

MSVOA_W

ClientSampled :

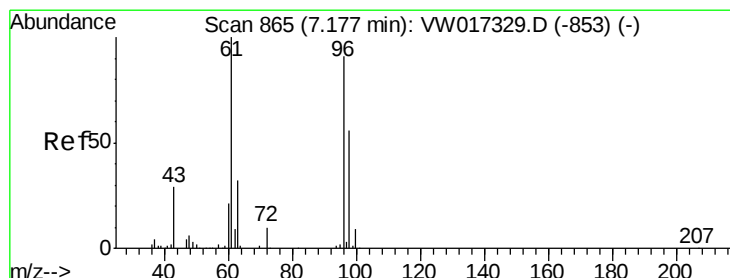
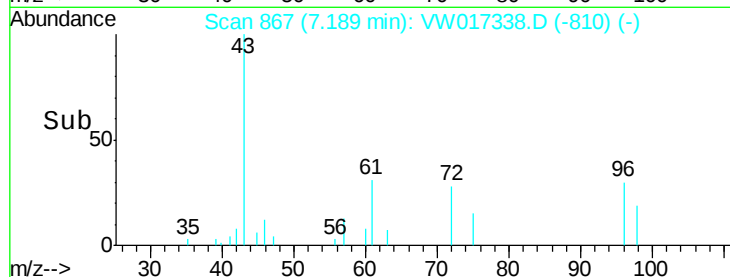
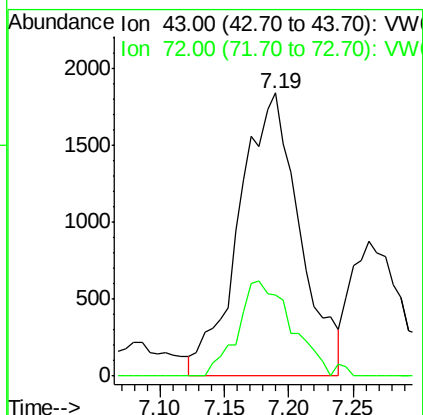
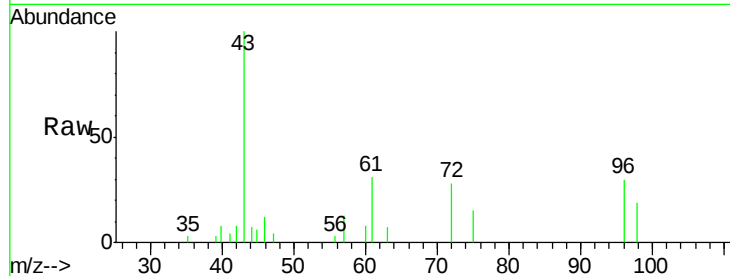
GB105

Tot Ion: 43 Resp: 6004

Ion Ratio Lower Upper

43 100

72 20.2 16.4 49.1



#22

cis-1,2-Dichloroethene

Concen: 0.402 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW017338.D

Acq: 18 Nov 2020 19:28

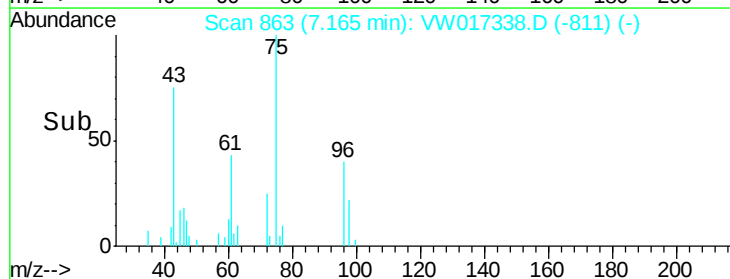
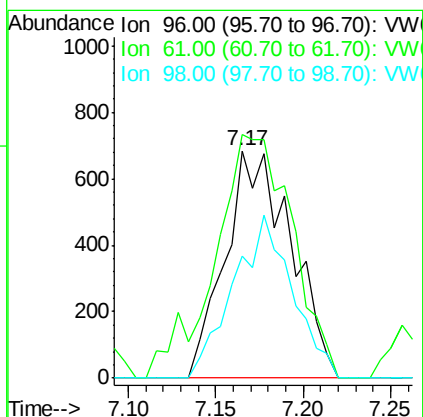
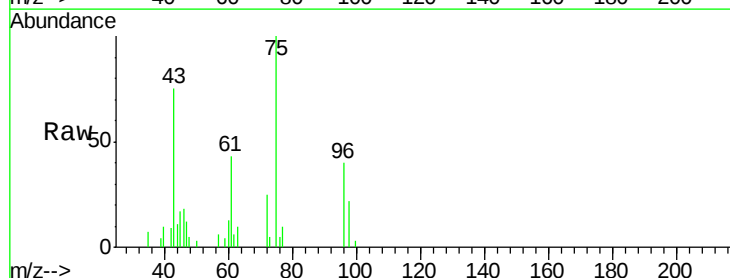
Tgt Ion: 96 Resp: 1795

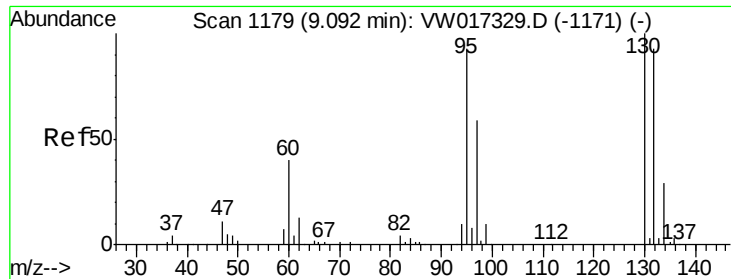
Ion Ratio Lower Upper

96 100

61 107.0 76.1 141.3

98 53.6 44.7 82.9





#35

Trichloroethene

Concen: 27.816 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW017338.D

Acq: 18 Nov 2020 19:28

Instrument :

MSVOA_W

ClientSampleId :

GB105

Tot Ion: 95 Resp: 79726

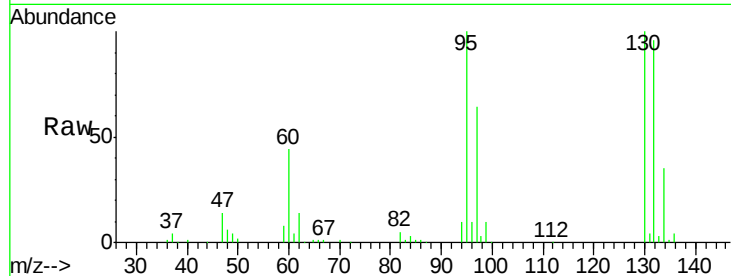
Ion Ratio Lower Upper

95 100

97 64.6 44.7 82.9

132 106.3 72.7 134.9

130 108.3 76.1 141.3



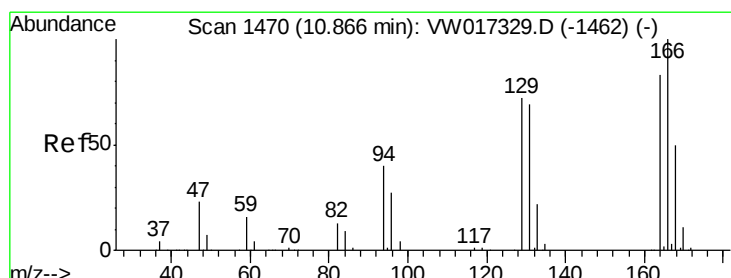
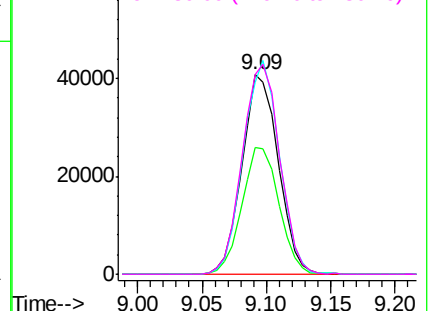
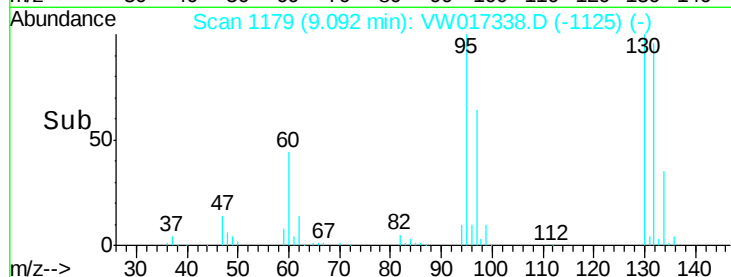
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#47

Tetrachloroethene

Concen: 0.778 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017338.D

Acq: 18 Nov 2020 19:28

Tgt Ion: 164 Resp: 2022

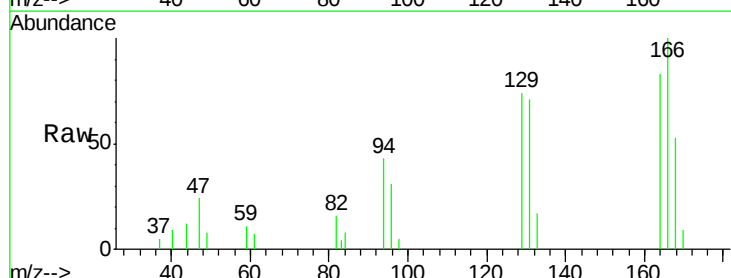
Ion Ratio Lower Upper

164 100

129 89.4 60.6 112.6

131 84.6 60.4 112.2

166 120.0 88.6 164.6



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

