

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110520\
 Data File : VW017089.D
 Acq On : 05 Nov 2020 14:46
 Operator : SY/VA
 Sample : L4615-18
 Misc : 6.13G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 06 04:16:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 06 04:09:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	688527	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	580009	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	239039	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	139240	16.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.24%
7) Chloroethane-d5	2.89	69	104809	15.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.72%
10) 1,1-Dichloroethene-d2	4.02	63	179134	11.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.20%
20) 2-Butanone-d5	7.08	46	41202	21.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.48%
24) Chloroform-d	7.65	84	242509	15.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	60.36%
26) 1,2-Dichloroethane-d4	8.31	65	112587	14.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	56.36%#
29) Benzene-d6	8.27	84	501429	16.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.92%
33) 1,2-Dichloropropane-d6	9.27	67	135426	16.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	66.32%#
37) Toluene-d8	10.33	98	466784	16.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.04%
38) trans-1,3-Dichloropropene-	10.58	79	50963	13.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.36%
39) 2-Hexanone-d5	10.93	63	32355	22.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91016	12.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	51.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	131642	15.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	62.52%#

Target Compounds

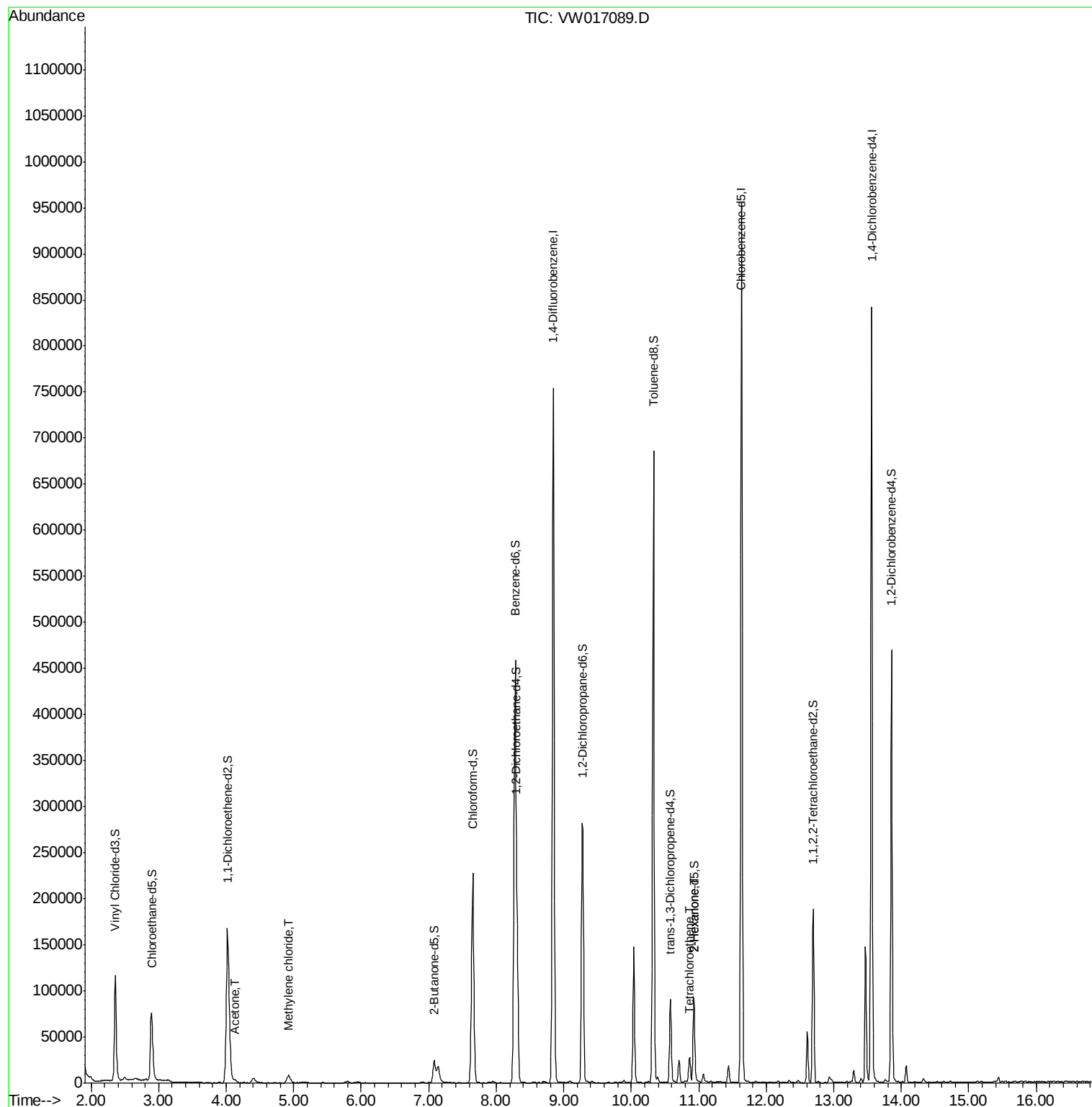
					Ovalue
13) Acetone	4.12	43	5186	3.994 ug/L	99
16) Methylene chloride	4.92	84	8180	0.881 ug/L	97
47) Tetrachloroethene	10.87	164	6555	0.852 ug/L	97
49) 2-Hexanone	10.93	43	3670	1.386 ug/L #	62

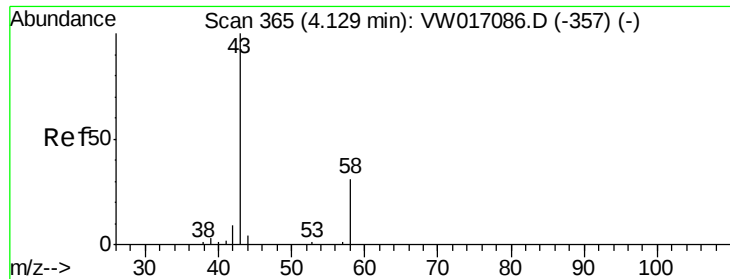
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 06 04:09:24 2020
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#13

Acetone

Concen: 3.994 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017089.D

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Instrument :

MSVOA_W

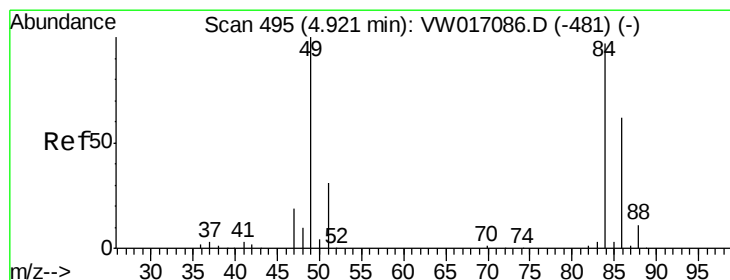
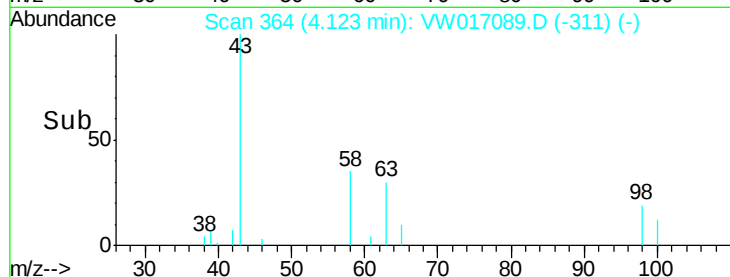
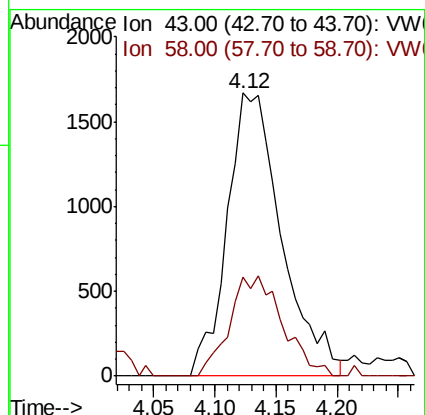
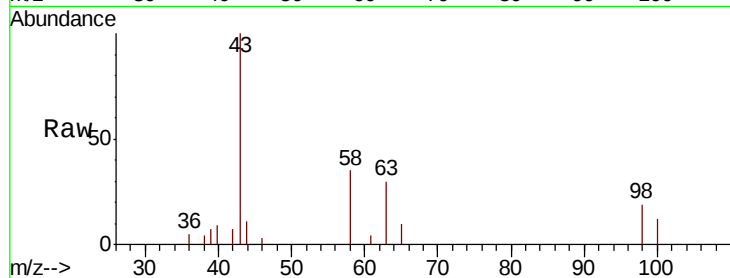
ClientSampled :

Tot Ion: 43 Resp: 5186

Ion Ratio Lower Upper

43 100

58 33.8 0.0 69.2



#16

Methylene chloride

Concen: 0.881 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

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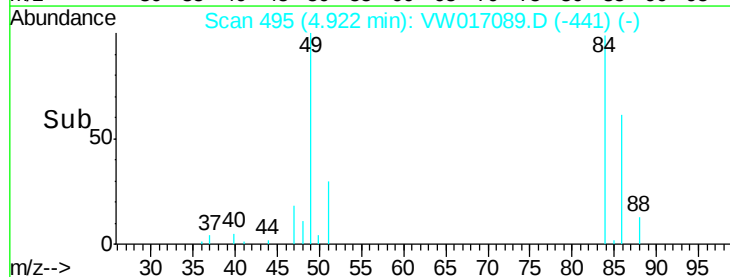
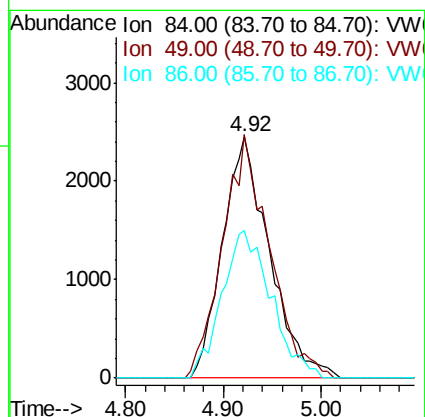
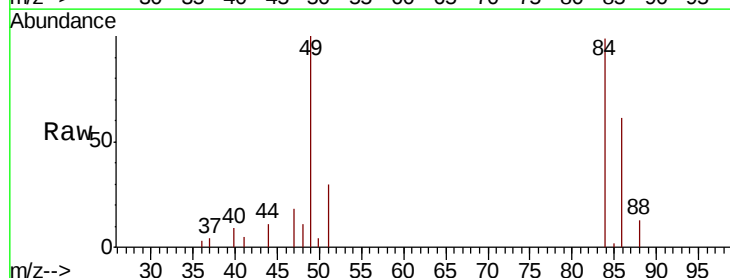
Tgt Ion: 84 Resp: 8180

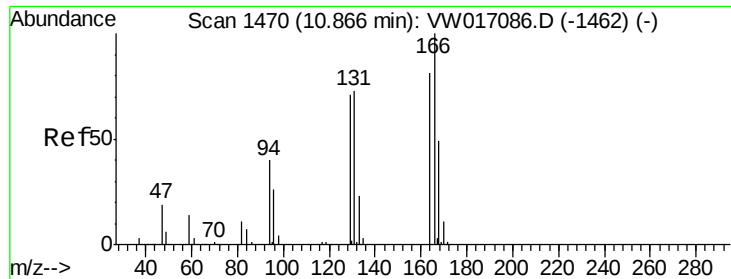
Ion Ratio Lower Upper

84 100

49 100.9 72.3 134.3

86 61.1 45.1 83.7

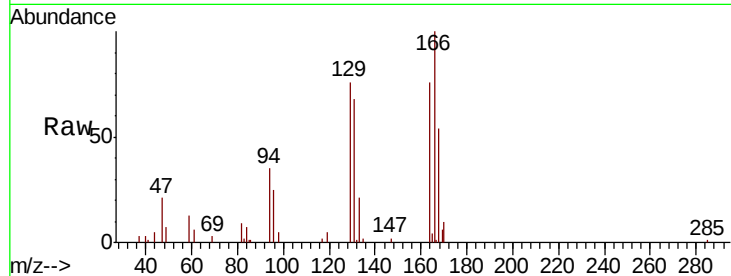




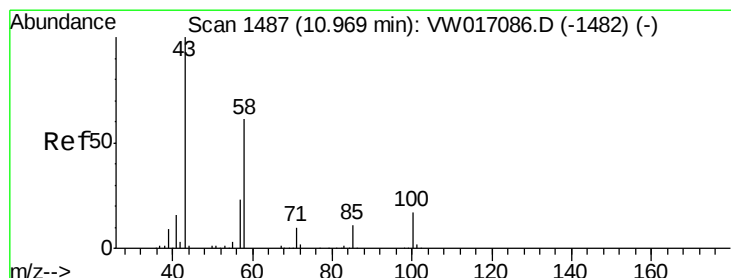
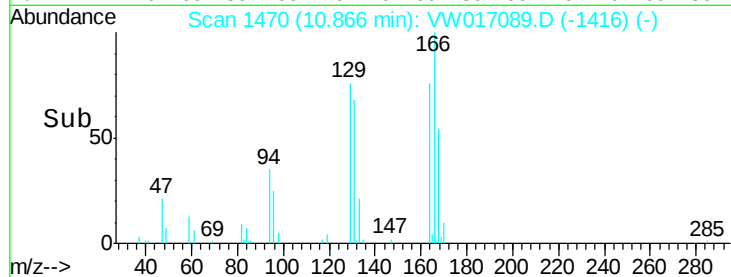
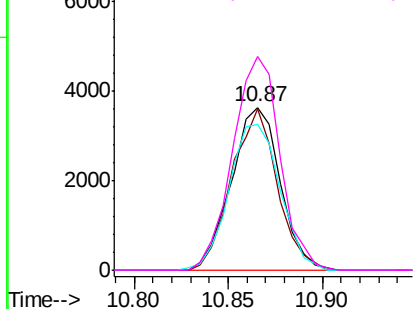
#47
Tetrachloroethene
Concen: 0.852 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW017089.D
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Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:164 Resp: 6555
Ion Ratio Lower Upper
164 100
129 99.5 62.9 116.7
131 89.4 63.3 117.5
166 131.2 92.0 170.8

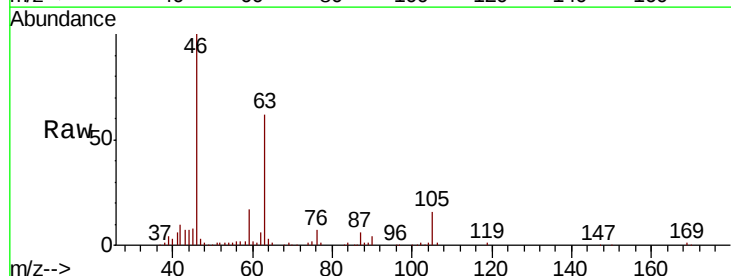


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#49
2-Hexanone
Concen: 1.386 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW017089.D
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Tgt Ion: 43 Resp: 3670
Ion Ratio Lower Upper
43 100
58 27.6 50.6 75.8#
57 32.9 17.8 26.6#
100 4.0 13.9 20.9#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 57.00 (56.70 to 57.70): VW
Ion 100.00 (99.70 to 100.70): VW

