

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017282.D
 Acq On : 17 Nov 2020 13:37
 Operator : SY/VA
 Sample : L4710-10RE
 Misc : 4.45G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BF0RE

Quant Time: Nov 18 03:55:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	413063	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	293769	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	78192	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	93725	18.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.04%
7) Chloroethane-d5	2.90	69	85952	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.76%
10) 1,1-Dichloroethene-d2	4.02	63	142737	15.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.36%
20) 2-Butanone-d5	7.08	46	28424	24.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.86%
24) Chloroform-d	7.65	84	212521	22.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.16%
26) 1,2-Dichloroethane-d4	8.31	65	102087	21.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.16%
29) Benzene-d6	8.28	84	403763	26.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.96%
33) 1,2-Dichloropropane-d6	9.28	67	108357	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.76%
37) Toluene-d8	10.33	98	356728	25.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.16%
38) trans-1,3-Dichloropropene-	10.58	79	37290	19.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.96%
39) 2-Hexanone-d5	10.93	63	20280	28.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	60244	16.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	58770	21.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.32%

Target Compounds

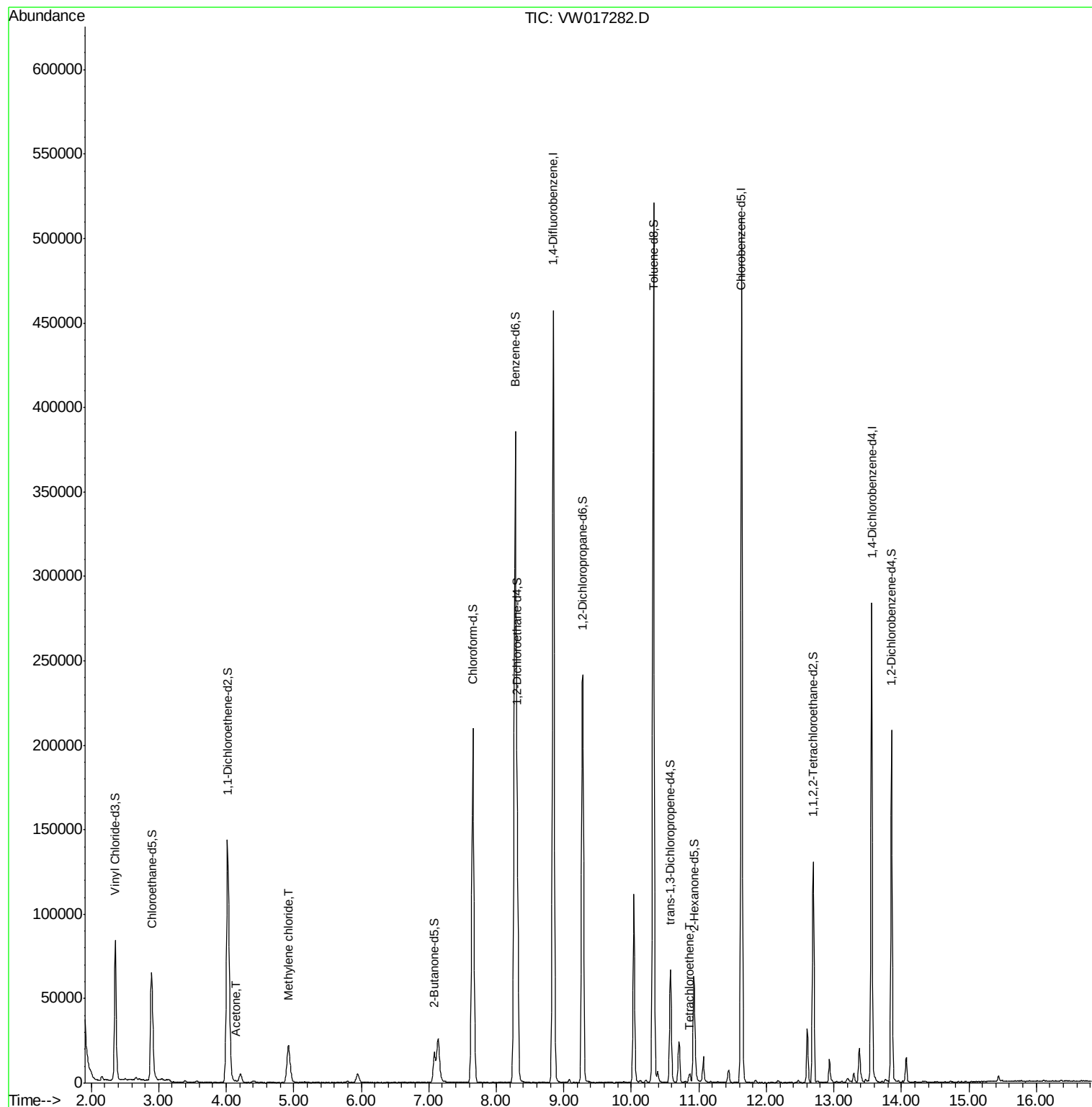
					Ovalue
13) Acetone	4.13	43	1285	1.649 ug/L	70
16) Methylene chloride	4.92	84	19344	3.474 ug/L	93
47) Tetrachloroethene	10.87	164	1235	0.317 ug/L #	78

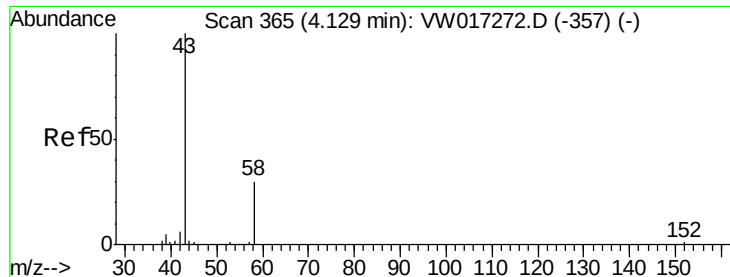
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.649 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017282.D

Acq: 17 Nov 2020 13:37

Instrument :

MSVOA_W

ClientSampleId :

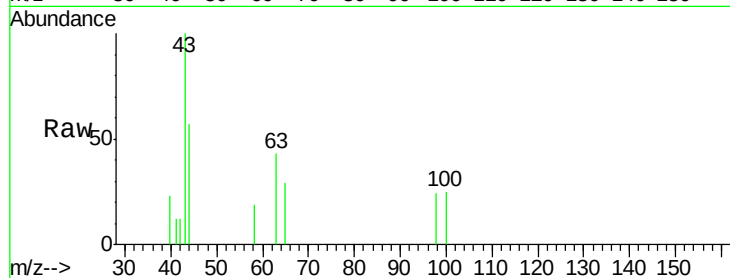
C0BF0RE

Tot Ion: 43 Resp: 1285

Ion Ratio Lower Upper

43 100

58 17.4 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

400

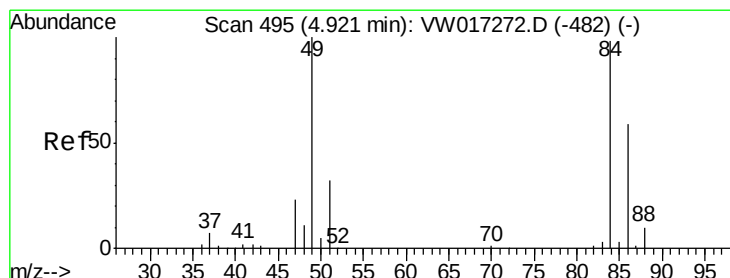
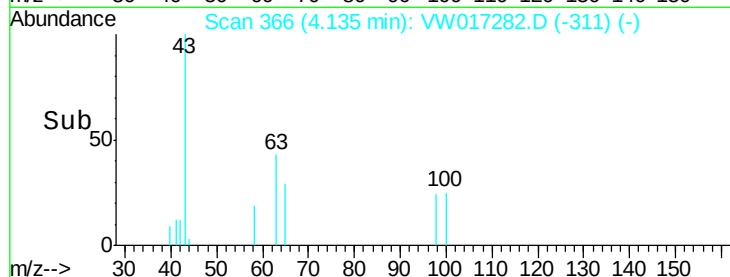
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 3.474 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017282.D

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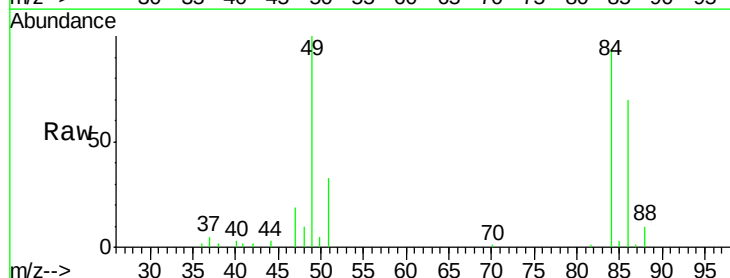
Tgt Ion: 84 Resp: 19344

Ion Ratio Lower Upper

84 100

49 106.4 72.3 134.3

86 74.7 45.1 83.7



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

8000

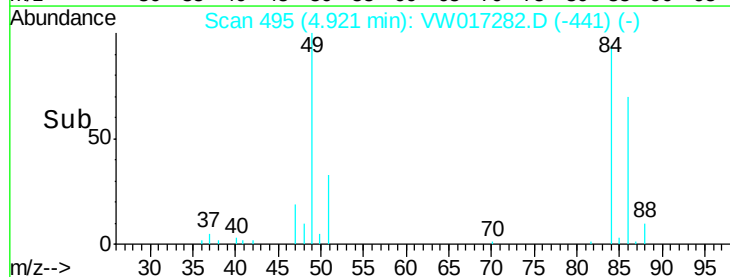
6000

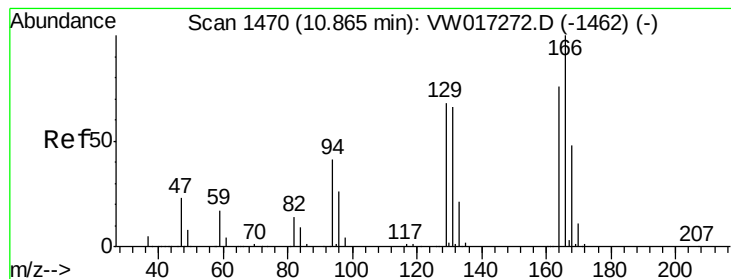
4000

2000

0

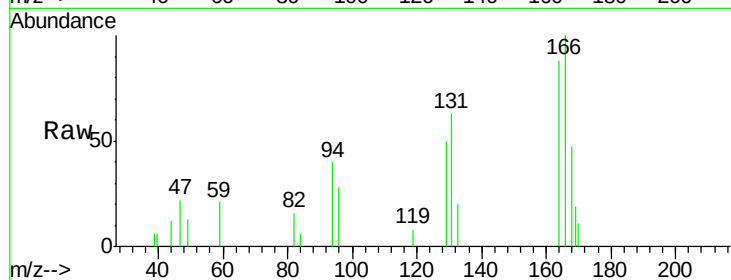
Time-->





#47
Tetrachloroethene
Concen: 0.317 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW017282.D
Acq: 17 Nov 2020 13:37

Instrument :
MSVOA_W
ClientSampleId :
C0BF0RE



Tot Ion:	164	Resp:	1235
Ion	Ratio	Lower	Upper
164	100		
129	57.0	62.9	116.7#
131	71.0	63.3	117.5
166	113.6	92.0	170.8

