

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\
 Data File : VV013746.D
 Acq On : 22 Nov 2019 20:12
 Operator : SY/MD
 Sample : VIBLK40
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK40

Quant Time: Nov 23 03:23:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 23 01:35:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	339640	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	346267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	161338	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107334	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.58	69	98740	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.13	63	148216	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	3.92	46	268173	61.37	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.74%
24) Chloroform-d	4.40	84	218142	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.08	65	114306	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	5.10	84	432599	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.11	67	134926	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	367502	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.66	79	48485	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.13	63	200015	52.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	98505	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	161922	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

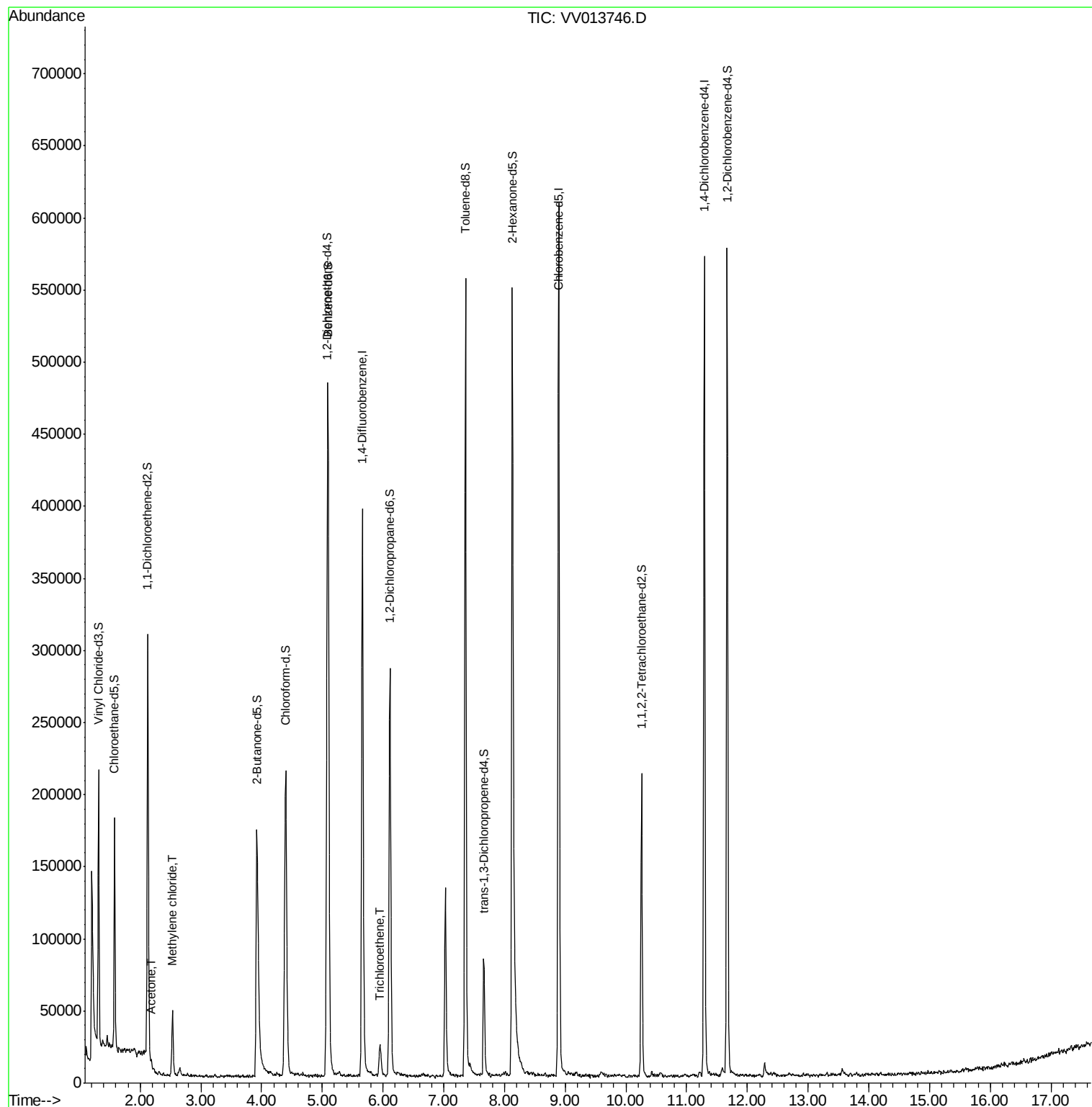
Target Compounds					Ovalue
13) Acetone	2.18	43	5496	1.798 ug/L #	50
16) Methylene chloride	2.53	84	19146	0.856 ug/L	95
34) Trichloroethene	5.96	95	3817	0.163 ug/L	96

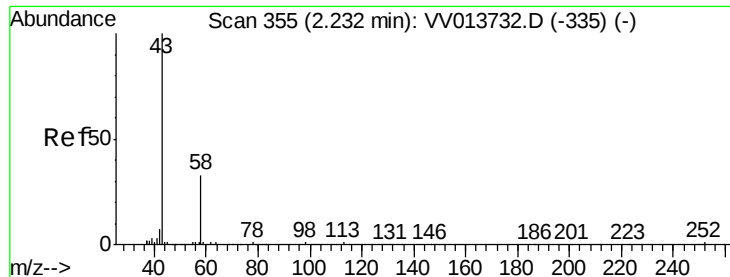
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.798 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.05 min

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ClientSampleId :

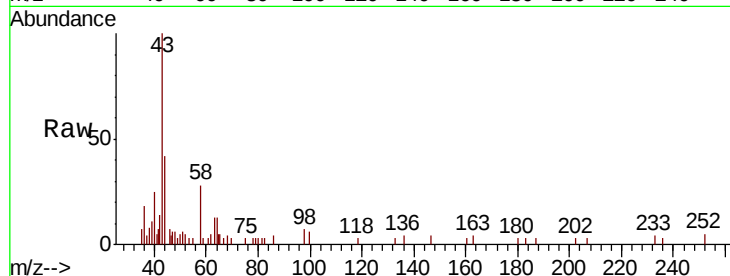
VIBLK40

Tot Ion: 43 Resp: 5496

Ion Ratio Lower Upper

43 100

58 33.6 0.0 27.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.18

4000

3000

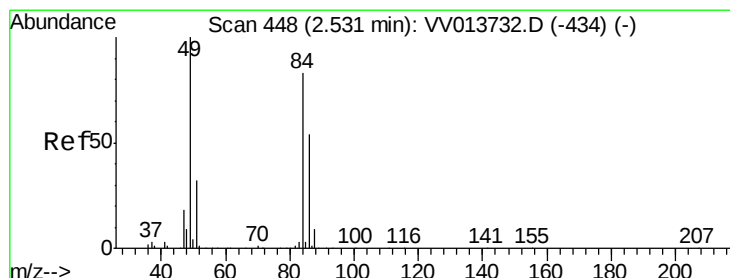
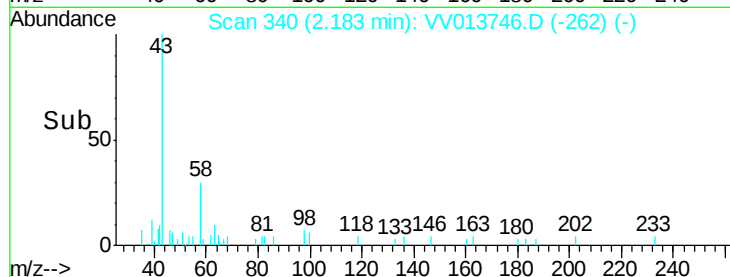
2000

1000

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 0.856 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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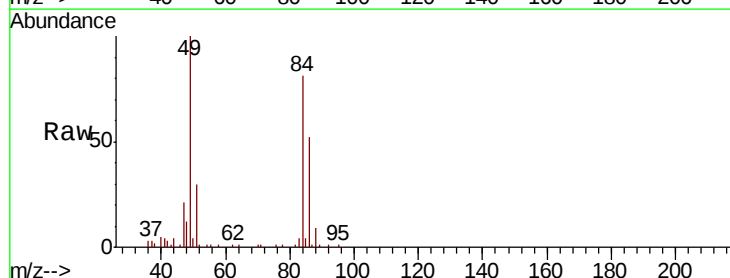
Tgt Ion: 84 Resp: 19146

Ion Ratio Lower Upper

84 100

86 64.3 44.0 81.6

49 123.3 81.5 151.5



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

20000

15000

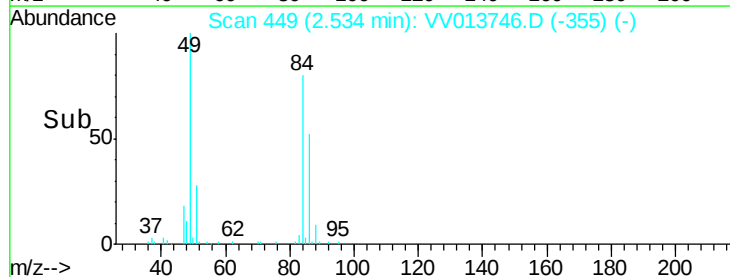
10000

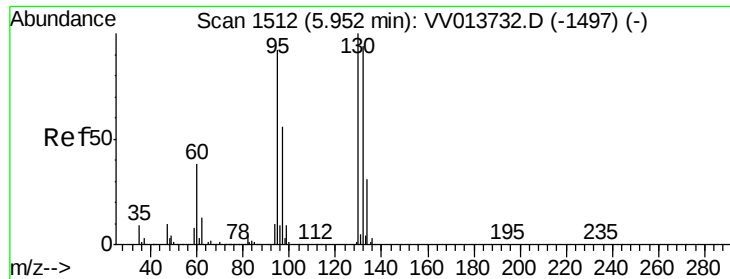
5000

0

Time-->

2.45 2.50 2.55 2.60





#34

Trichloroethene

Concen: 0.163 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.01 min

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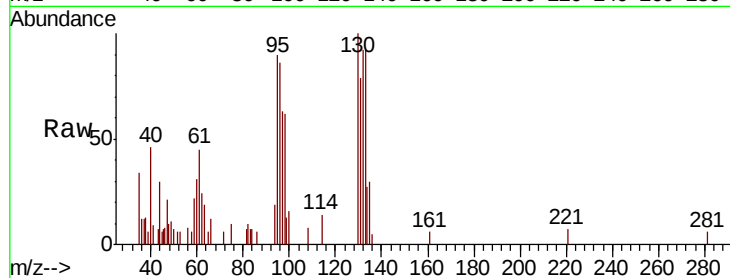
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Tot Ion: 95 Resp: 3817

Ion Ratio Lower Upper

95 100

97 70.6 45.6 84.8

132 102.9 70.5 130.9

130 111.7 75.9 140.9

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

