

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051319\
 Data File : VU031977.D
 Acq On : 13 May 2019 18:41
 Operator : JC/SP
 Sample : K2744-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D20

Quant Time: May 14 04:52:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 14 02:38:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	443998	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	452610	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	171662	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	99907	3.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.00%
7) Chloroethane-d5	1.68	69	105929	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.27	63	153426	2.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.00%#
20) 2-Butanone-d5	4.19	46	502454	42.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.06%
24) Chloroform-d	4.64	84	255615	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.31	65	148647	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
32) Benzene-d6	5.33	84	465837	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.33	67	171013	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.40%
41) Toluene-d8	7.56	98	341953	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.00%#
43) trans-1,3-Dichloropropene-	7.85	79	44539	2.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.60%
46) 2-Hexanone-d5	8.31	63	364901	48.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	155201	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	133906	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

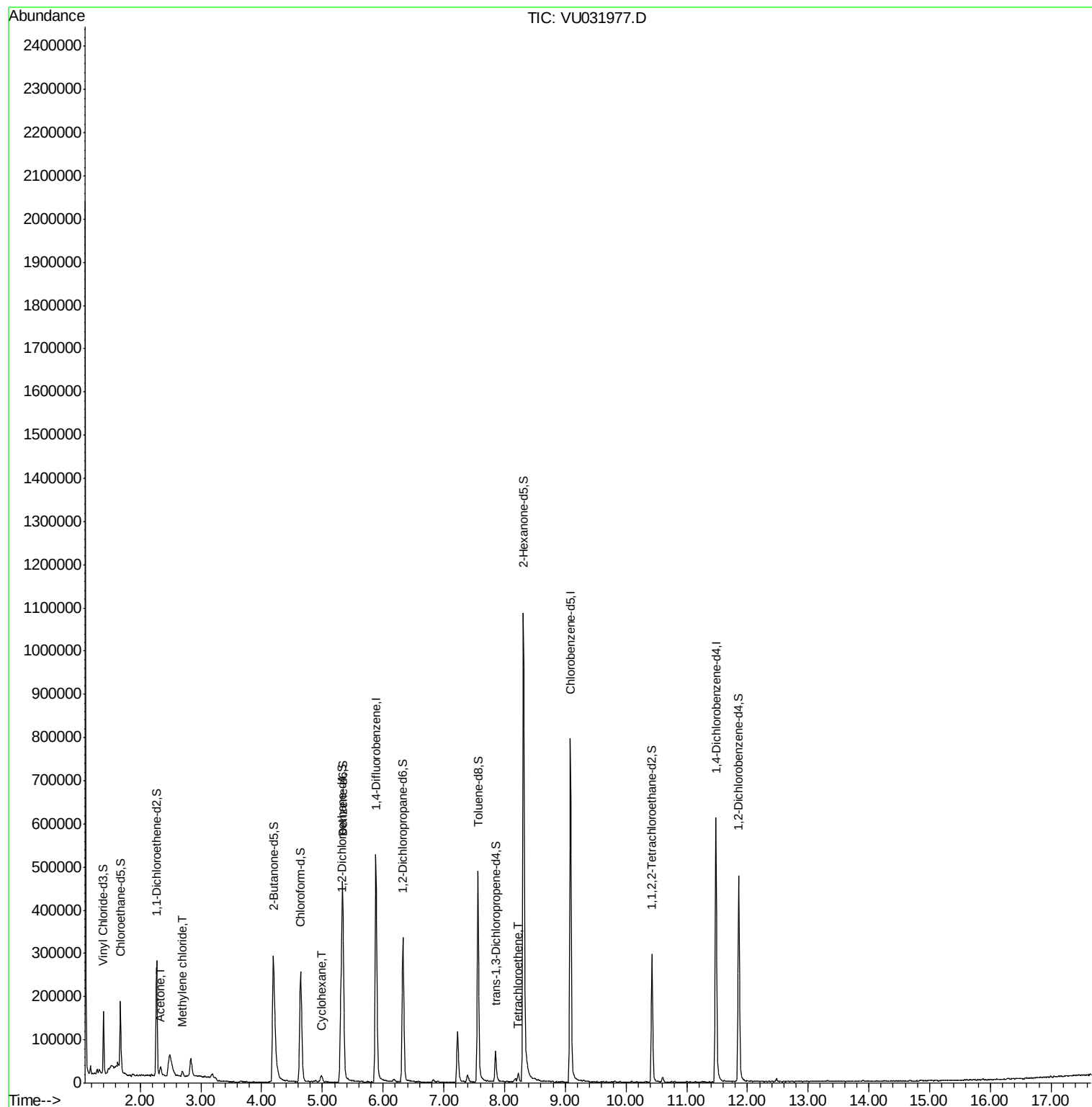
					Ovalue
13) Acetone	2.33	43	17772	2.202 ug/L	90
16) Methylene chloride	2.69	84	4852	0.116 ug/L	80
30) Cyclohexane	4.99	56	7137	0.105 ug/L #	79
47) Tetrachloroethene	8.23	164	5505	0.213 ug/L	94

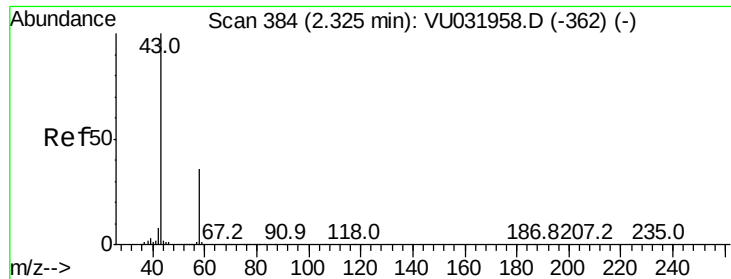
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.202 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.01 min

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Acq: 13 May 2019 18:41

Instrument :

MSVOA_U

ClientSampleId :

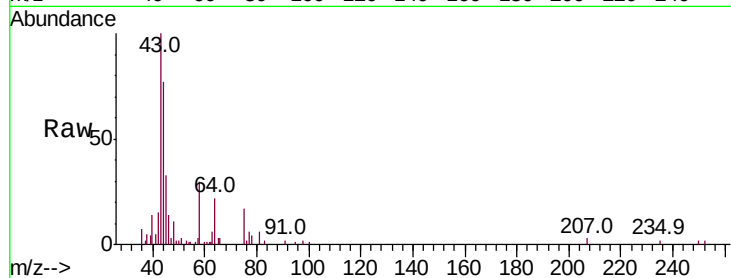
F9D20

Tot Ion: 43 Resp: 17772

Ion Ratio Lower Upper

43 100

58 31.9 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031958.D (-362) (-)

Ion 58.05 (57.75 to 58.75): VU031958.D (-362) (-)

2.33

10000

8000

6000

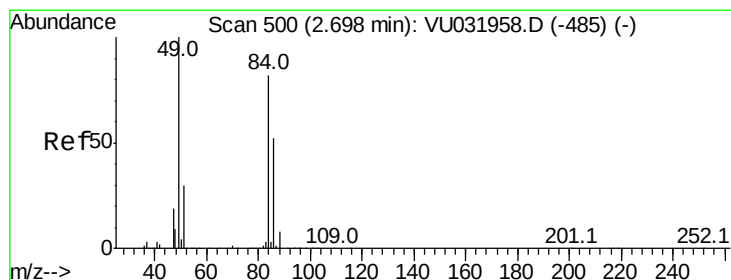
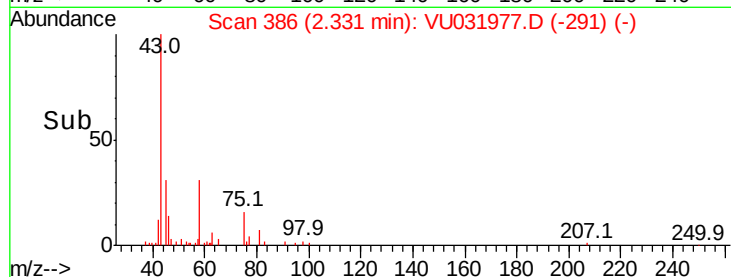
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#16

Methylene chloride

Concen: 0.116 ug/L

RT: 2.69 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU031977.D

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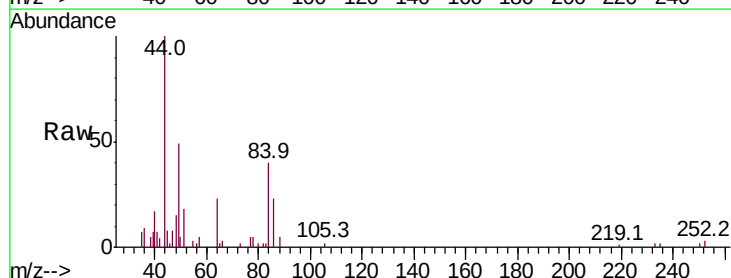
Tgt Ion: 84 Resp: 4852

Ion Ratio Lower Upper

84 100

86 56.3 45.6 84.8

49 121.4 106.7 198.1



Abundance Ion 84.05 (83.75 to 84.75): VU031958.D (-485) (-)

Ion 86.00 (85.70 to 86.70): VU031958.D (-485) (-)

Ion 49.10 (48.80 to 49.80): VU031958.D (-485) (-)

4000

3000

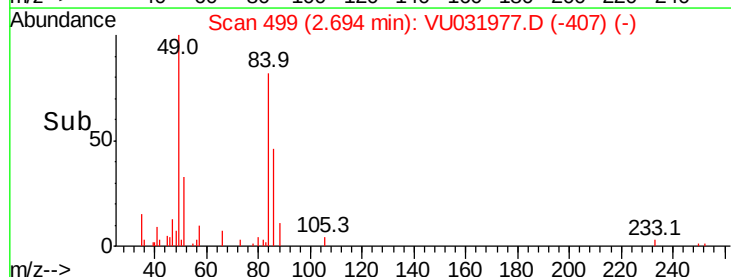
2000

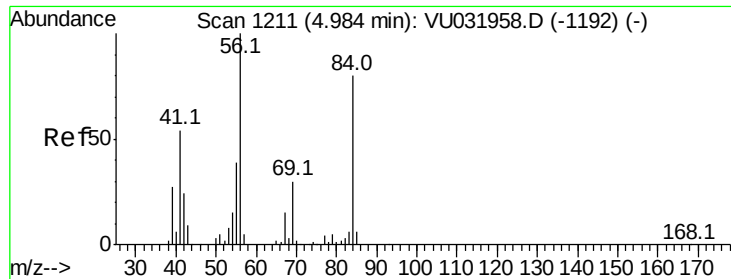
1000

0

Time-->

2.65 2.70 2.75

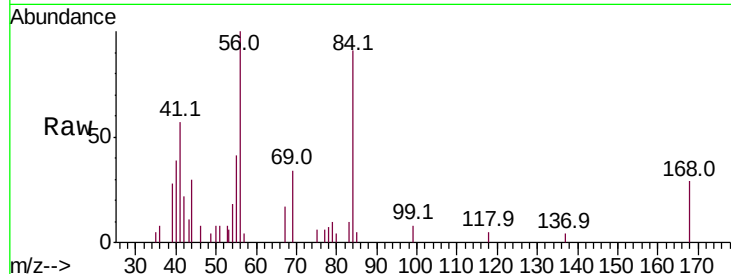




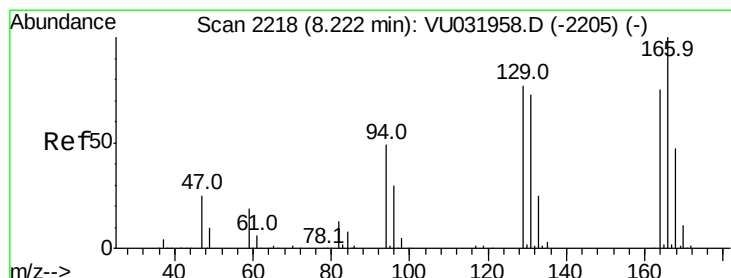
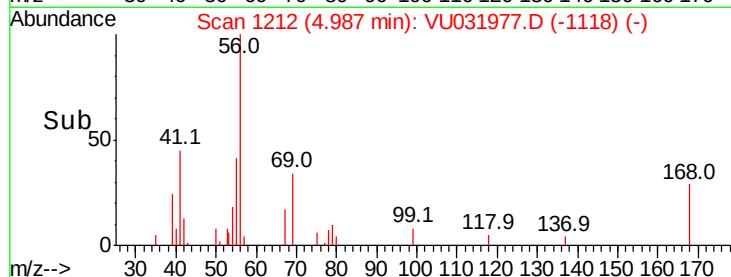
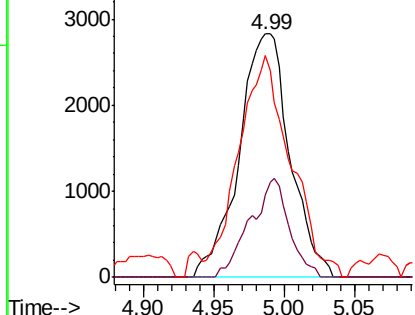
#30
Cyclohexane
Concen: 0.105 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU031977.D
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Instrument :
MSVOA_U
ClientSampled :
F9D20

Tot Ion: 56 Resp: 7137
Ion Ratio Lower Upper
56 100
69 31.3 21.8 32.8
84 92.9 56.8 85.2#

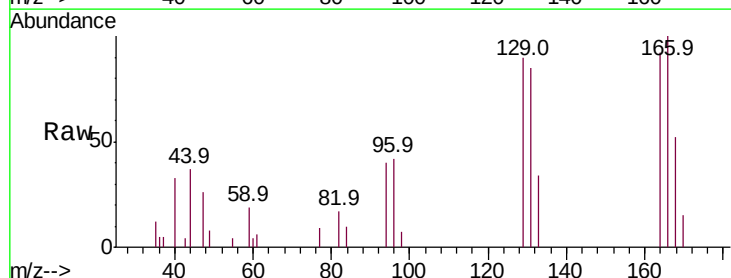


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0



#47
Tetrachloroethene
Concen: 0.213 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031977.D
Acq: 13 May 2019 18:41

Tgt Ion:164 Resp: 5505
Ion Ratio Lower Upper
164 100
129 97.6 70.3 130.5
131 91.6 65.4 121.4
166 108.4 86.0 159.8



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

