

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061219\
 Data File : VU032647.D
 Acq On : 12 Jun 2019 13:25
 Operator : JC/SP
 Sample : K3286-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JW4

Quant Time: Jun 13 05:38:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 13 05:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	161395	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	154247	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76628	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56897	54.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.68%
7) Chloroethane-d5	1.68	69	45143	53.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.30%
11) 1,1-Dichloroethene-d2	2.27	63	84174	41.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.12%
21) 2-Butanone-d5	4.17	46	97338	111.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.08%
24) Chloroform-d	4.64	84	102087	52.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.54%
26) 1,2-Dichloroethane-d4	5.30	65	67649	54.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.98%
32) Benzene-d6	5.33	84	208448	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.12%
36) 1,2-Dichloropropane-d6	6.32	67	66591	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.06%
41) Toluene-d8	7.56	98	195343	51.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.90%
43) trans-1,3-Dichloropropene-	7.85	79	31018	51.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.24%
47) 2-Hexanone-d5	8.31	63	72028	118.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	96805	53.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.42%
64) 1,2-Dichlorobenzene-d4	11.85	152	77673	52.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.84%

Target Compounds

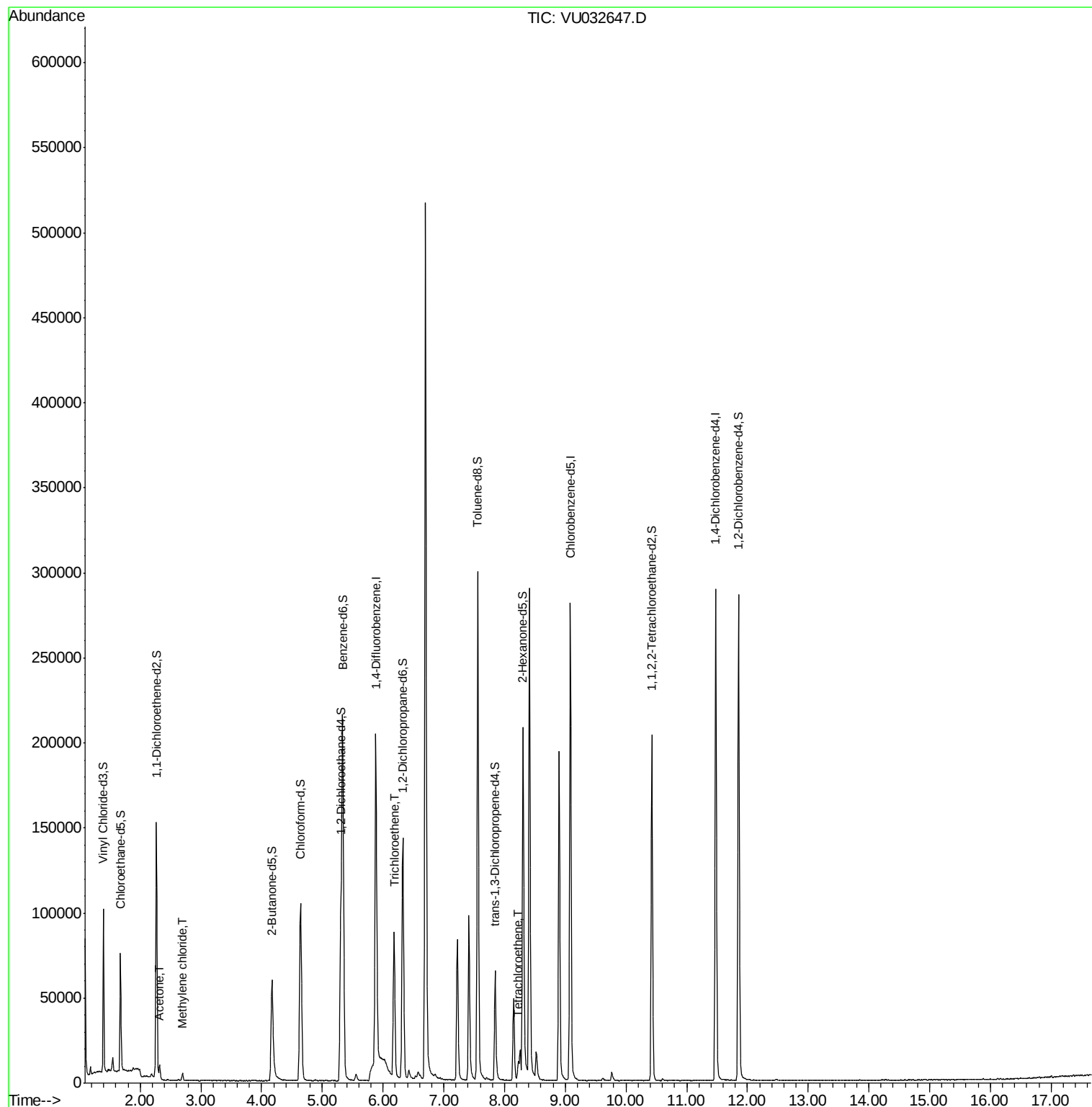
					Ovalue
13) Acetone	2.32	43	7983	8.829 ug/L	93
16) Methylene chloride	2.69	84	1926	1.763 ug/L	88
34) Trichloroethene	6.18	95	28013	23.758 ug/L	98
46) Tetrachloroethene	8.22	164	1675	1.720 ug/L	85

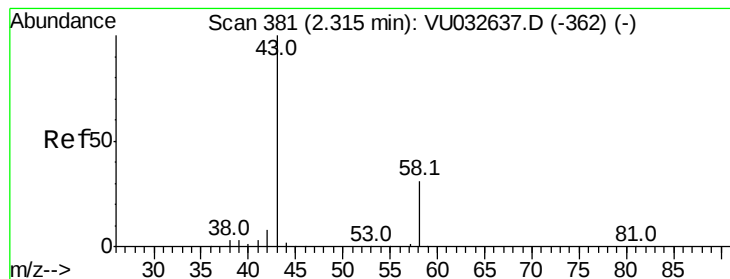
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.829 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032647.D

Acq: 12 Jun 2019 13:25

Instrument :

MSVOA_U

ClientSampleId :

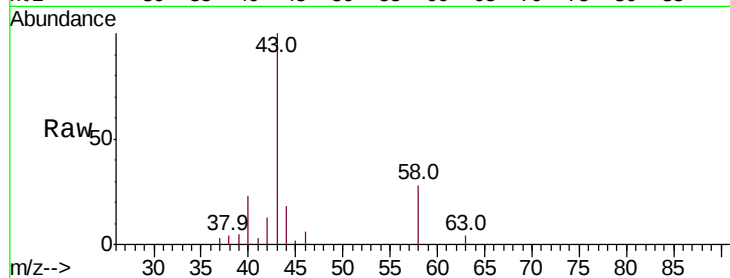
C0JW4

Tot Ion: 43 Resp: 7983

Ion Ratio Lower Upper

43 100

58 28.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032647.D (-382) (-)

Ion 58.00 (57.70 to 58.70): VU032647.D (-382) (-)

6000

5000

4000

3000

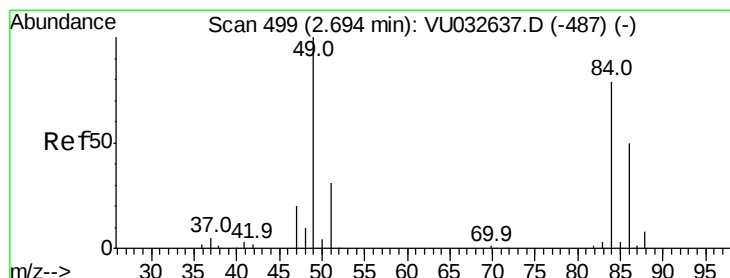
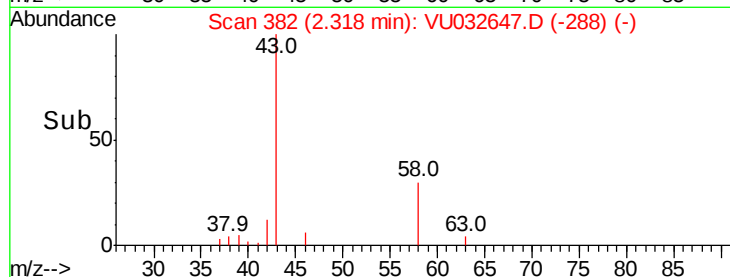
2000

1000

0

2.25 2.30 2.35 2.40

Time-->



#16

Methylene chloride

Concen: 1.763 ug/L

RT: 2.69 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU032647.D

Acq: 12 Jun 2019 13:25

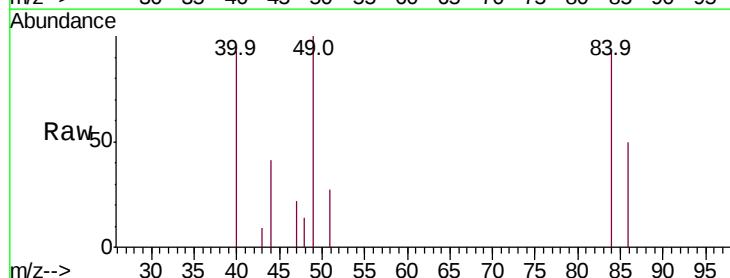
Tgt Ion: 84 Resp: 1926

Ion Ratio Lower Upper

84 100

86 54.3 44.7 82.9

49 108.8 86.1 159.9



Abundance Ion 84.00 (83.70 to 84.70): VU032647.D (-499) (-)

Ion 86.00 (85.70 to 86.70): VU032647.D (-499) (-)

Ion 49.00 (48.70 to 49.70): VU032647.D (-499) (-)

1500

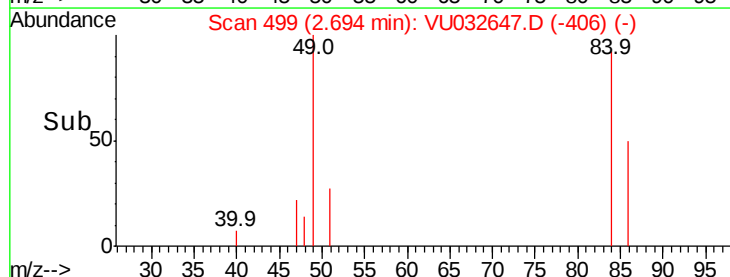
1000

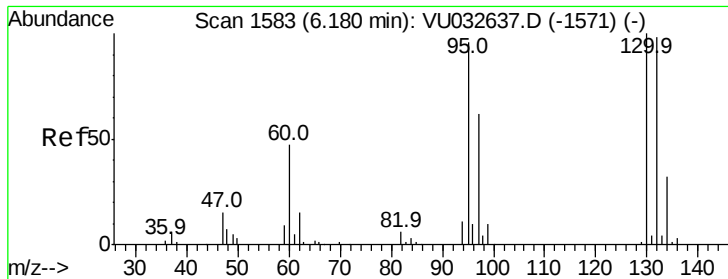
500

0

2.65 2.70

Time-->





#34

Trichloroethene

Concen: 23.758 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032647.D

Acq: 12 Jun 2019 13:25

Instrument :

MSVOA_U

ClientSampleId :

C0JW4

Tot Ion: 95 Resp: 28013

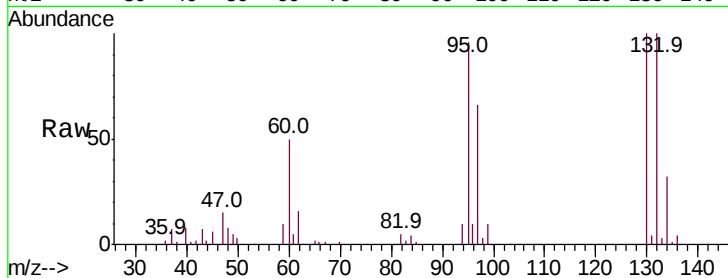
Ion Ratio Lower Upper

95 100

97 68.6 45.8 85.2

132 104.5 71.0 131.8

130 104.7 73.4 136.2

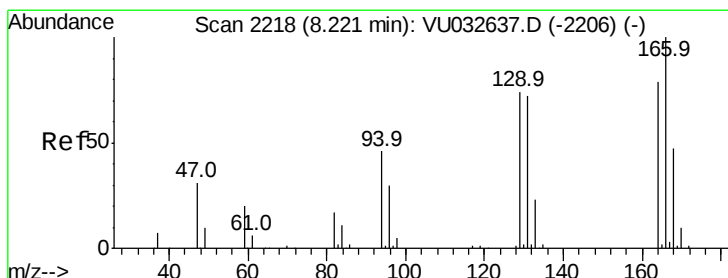
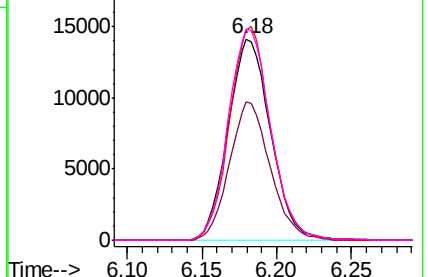
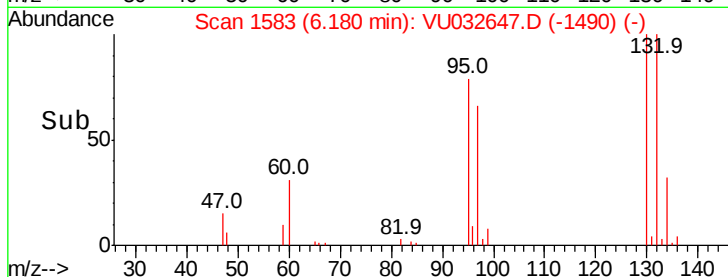


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 1.720 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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Acq: 12 Jun 2019 13:25

Tgt Ion: 164 Resp: 1675

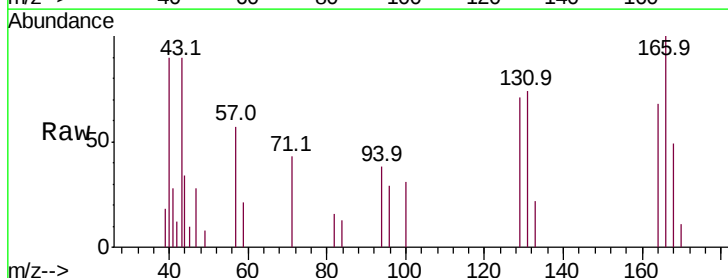
Ion Ratio Lower Upper

164 100

129 103.6 65.3 121.3

131 108.5 64.0 119.0

166 146.0 88.8 165.0



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

