

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061319\
 Data File : VU032688.D
 Acq On : 13 Jun 2019 12:50
 Operator : JC/SP
 Sample : K3286-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JP4

Quant Time: Jun 14 02:03:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:25:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	175401	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	166760	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81645	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	40680	35.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.50%
7) Chloroethane-d5	1.68	69	36369	39.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.54%
11) 1,1-Dichloroethene-d2	2.27	63	62860	28.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.42%#
21) 2-Butanone-d5	4.17	46	100168	105.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.18%
24) Chloroform-d	4.64	84	92349	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.02%
26) 1,2-Dichloroethane-d4	5.30	65	63247	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
32) Benzene-d6	5.33	84	179301	41.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.84%
36) 1,2-Dichloropropane-d6	6.32	67	60275	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.80%
41) Toluene-d8	7.56	98	160424	39.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.16%#
43) trans-1,3-Dichloropropene-	7.85	79	27235	41.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.84%
47) 2-Hexanone-d5	8.31	63	70776	107.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93654	47.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.22%
64) 1,2-Dichlorobenzene-d4	11.85	152	71043	45.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.86%

Target Compounds

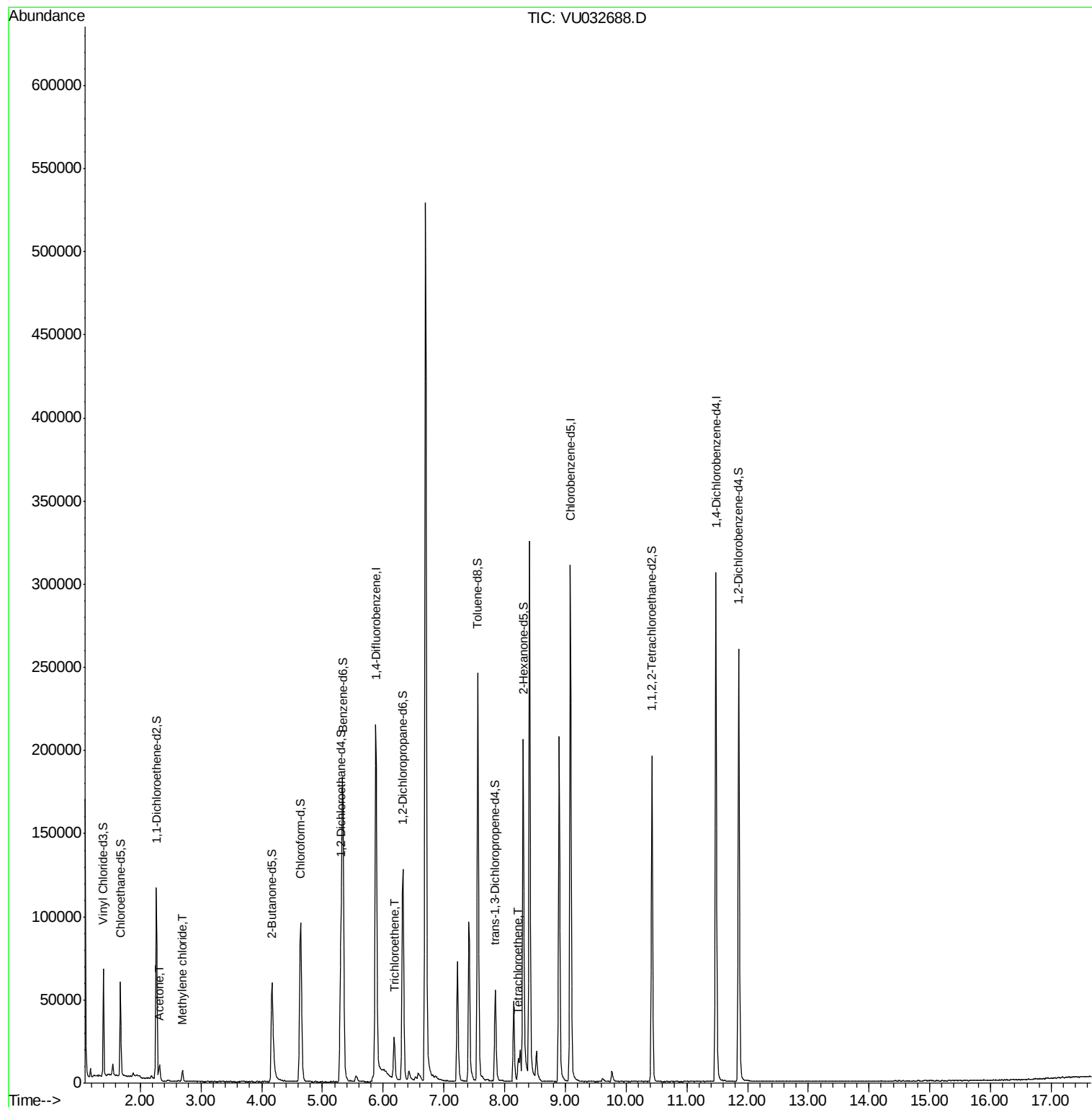
					Ovalue
13) Acetone	2.32	43	9425	9.592 ug/L	98
16) Methylene chloride	2.70	84	2939	2.475 ug/L	96
34) Trichloroethene	6.18	95	8445	6.625 ug/L	98
46) Tetrachloroethene	8.22	164	2212	2.101 ug/L	89

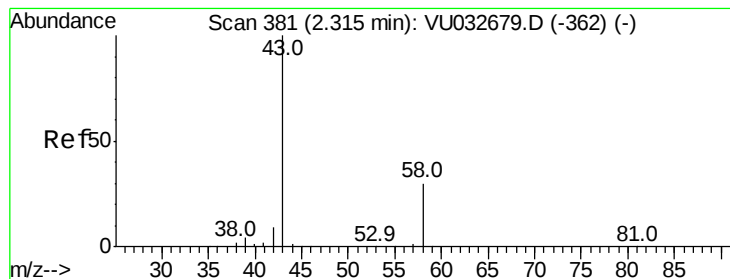
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061319\
Data File : VU032688.D
Acq On : 13 Jun 2019 12:50
Operator : JC/SP
Sample : K3286-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JP4

Quant Time: Jun 14 02:03:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:25:52 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.592 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032688.D

Acq: 13 Jun 2019 12:50

Instrument :

MSVOA_U

ClientSampleId :

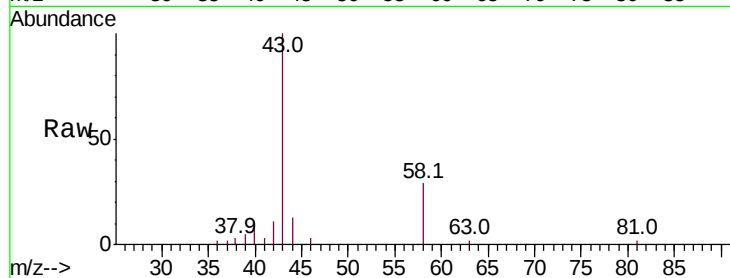
C0JP4

Tot Ion: 43 Resp: 9425

Ion Ratio Lower Upper

43 100

58 30.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032679.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU032679.D (-362) (-)

2.32

6000

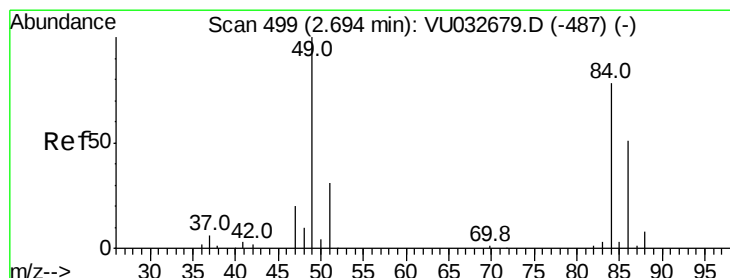
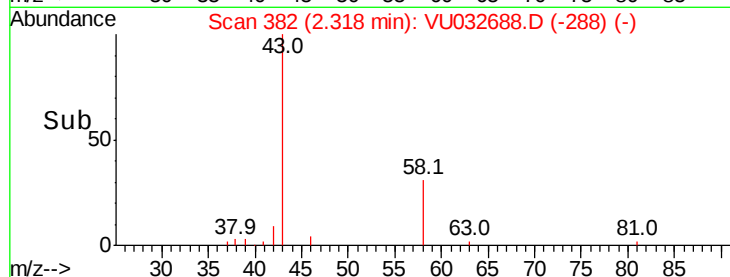
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#16

Methylene chloride

Concen: 2.475 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU032688.D

Acq: 13 Jun 2019 12:50

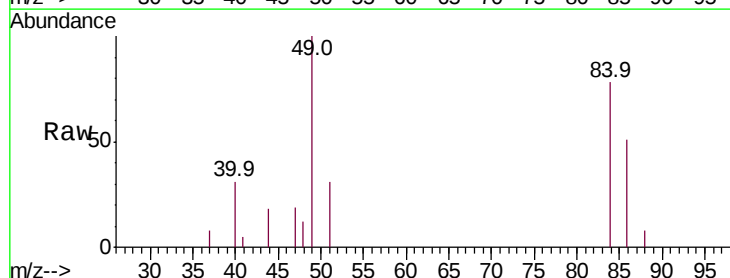
Tgt Ion: 84 Resp: 2939

Ion Ratio Lower Upper

84 100

86 65.5 44.7 82.9

49 128.4 86.1 159.9



Abundance Ion 84.00 (83.70 to 84.70): VU032679.D (-487) (-)

Ion 86.00 (85.70 to 86.70): VU032679.D (-487) (-)

Ion 49.00 (48.70 to 49.70): VU032679.D (-487) (-)

3000

2500

2000

1500

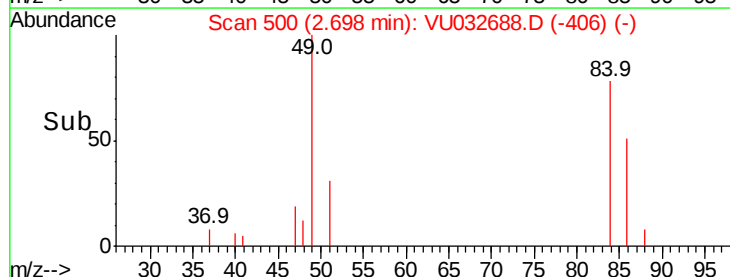
1000

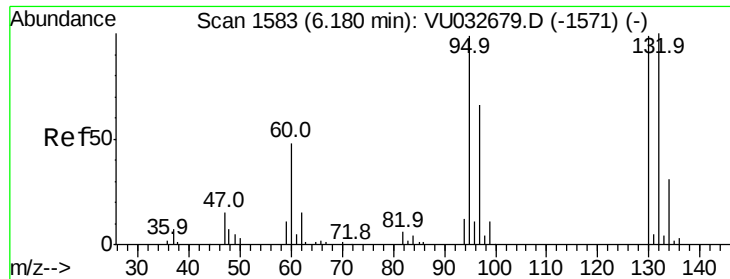
500

0

Time-->

2.65 2.70 2.75





#34

Trichloroethene

Concen: 6.625 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032688.D

Acq: 13 Jun 2019 12:50

Instrument :

MSVOA_U

ClientSampled :

C0JP4

Tot Ion: 95 Resp: 8445

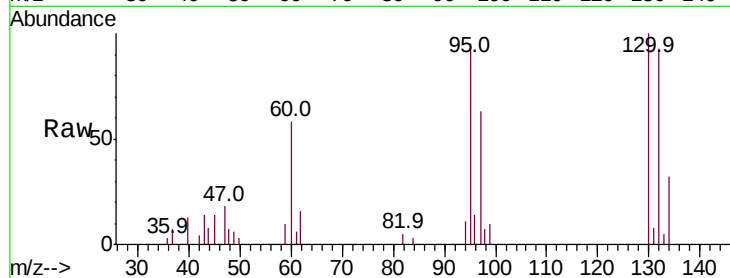
Ion Ratio Lower Upper

95 100

97 66.3 45.8 85.2

132 97.2 71.0 131.8

130 104.8 73.4 136.2

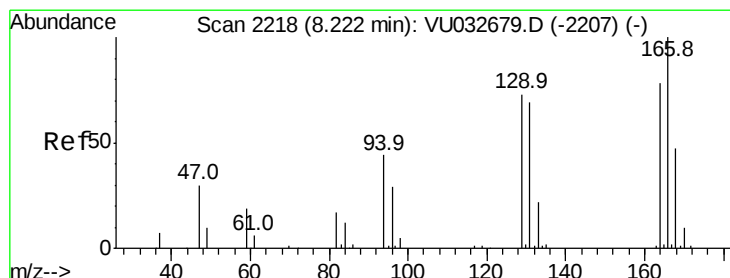
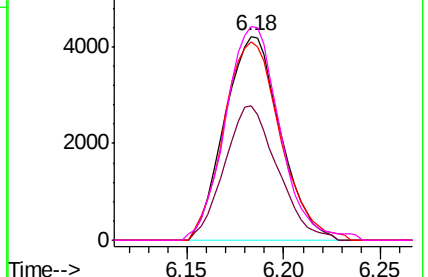
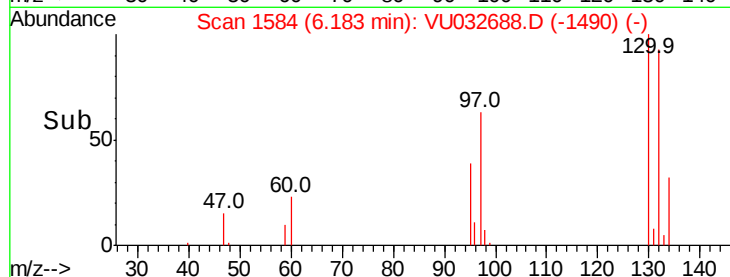


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 2.101 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032688.D

Acq: 13 Jun 2019 12:50

Tgt Ion:164 Resp: 2212

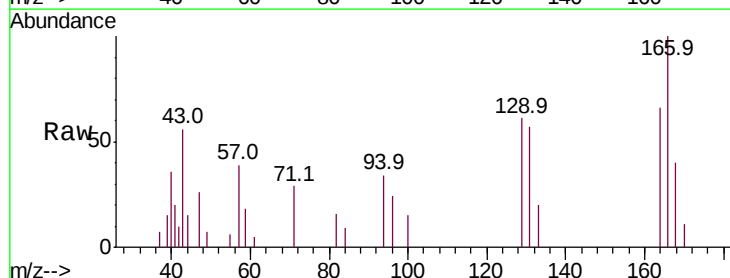
Ion Ratio Lower Upper

164 100

129 91.8 65.3 121.3

131 86.0 64.0 119.0

166 150.7 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

