

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061319\
 Data File : VU032689.D
 Acq On : 13 Jun 2019 13:13
 Operator : JC/SP
 Sample : K3286-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JQ1

Quant Time: Jun 14 02:09:26 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	173262	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	167974	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	80484	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41694	37.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.18%
7) Chloroethane-d5	1.68	69	37303	41.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.58%
11) 1,1-Dichloroethene-d2	2.27	63	66138	30.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.10%
21) 2-Butanone-d5	4.17	46	102774	109.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.25%
24) Chloroform-d	4.64	84	95428	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	5.30	65	65265	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
32) Benzene-d6	5.33	84	182920	41.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.90%
36) 1,2-Dichloropropane-d6	6.32	67	61719	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.28%
41) Toluene-d8	7.56	98	164450	39.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.54%#
43) trans-1,3-Dichloropropene-	7.85	79	27185	41.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.08%
47) 2-Hexanone-d5	8.31	63	72590	109.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	96313	48.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.22%
64) 1,2-Dichlorobenzene-d4	11.85	152	71166	46.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.32%

Target Compounds

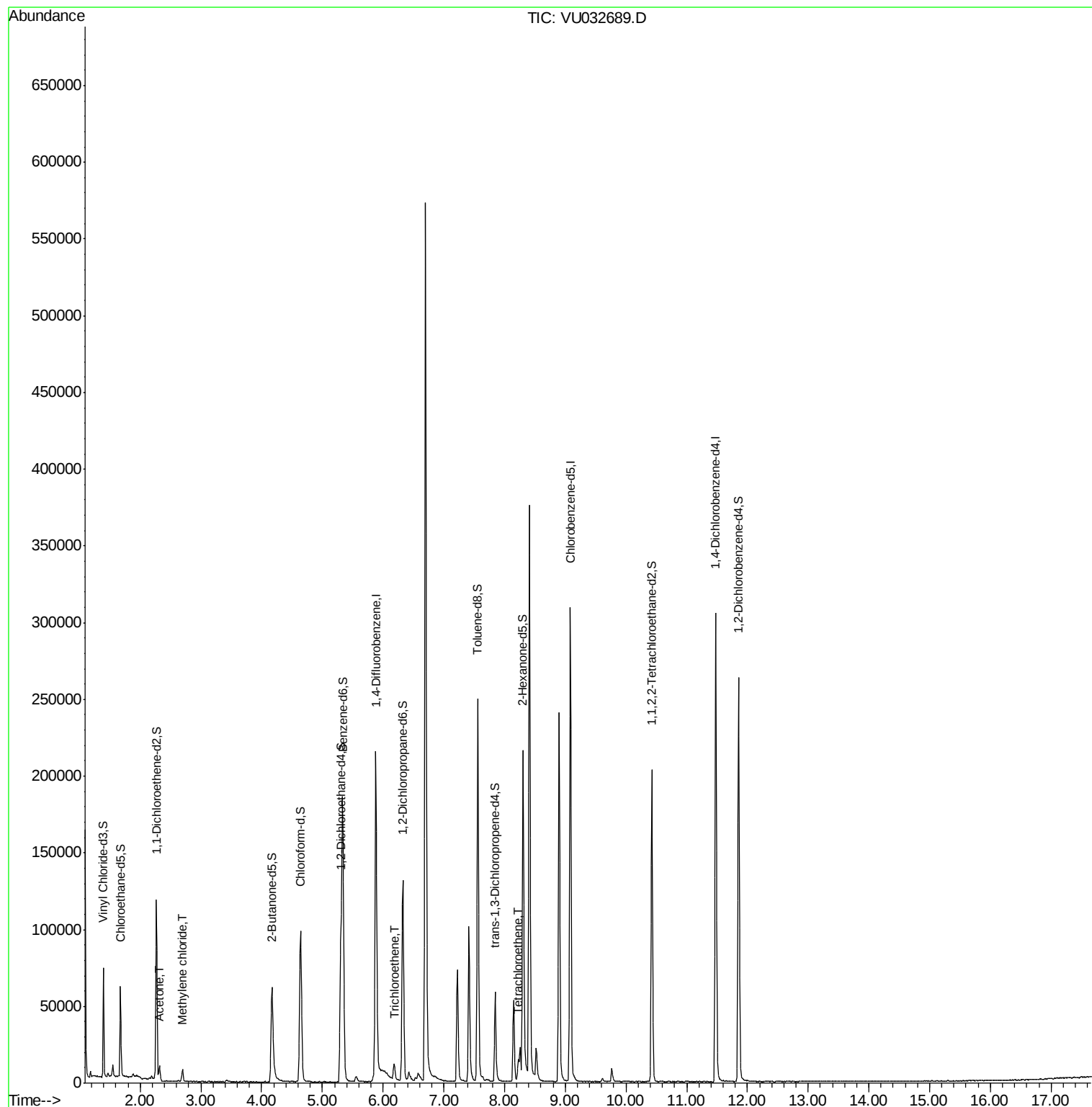
					Ovalue
13) Acetone	2.32	43	9460	9.746 ug/L	96
16) Methylene chloride	2.70	84	3364	2.868 ug/L	92
34) Trichloroethene	6.18	95	3353	2.611 ug/L	96
46) Tetrachloroethene	8.23	164	2394	2.257 ug/L	94

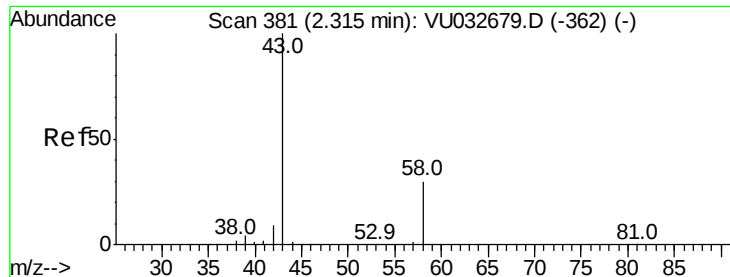
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.746 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

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Acq: 13 Jun 2019 13:13

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MSVOA_U

ClientSampleId :

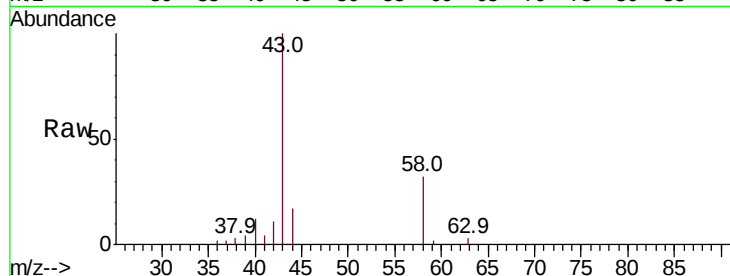
C0JQ1

Tot Ion: 43 Resp: 9460

Ion Ratio Lower Upper

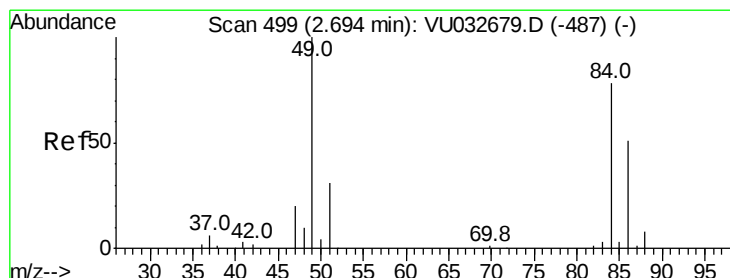
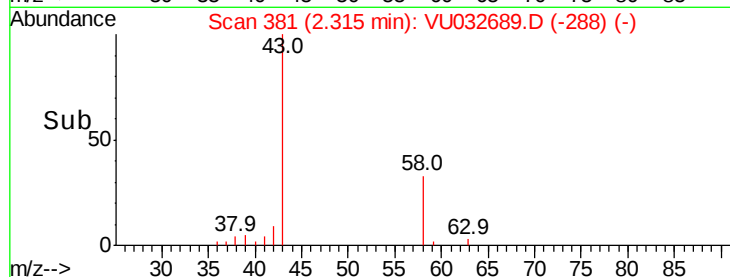
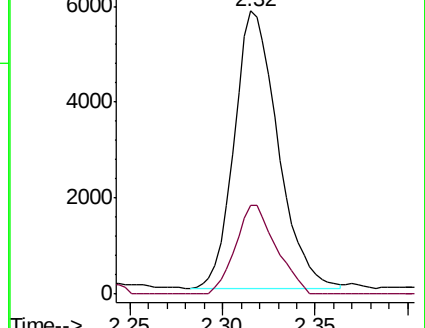
43 100

58 29.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032689.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU032689.D (-362) (-)



#16

Methylene chloride

Concen: 2.868 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU032689.D

Acq: 13 Jun 2019 13:13

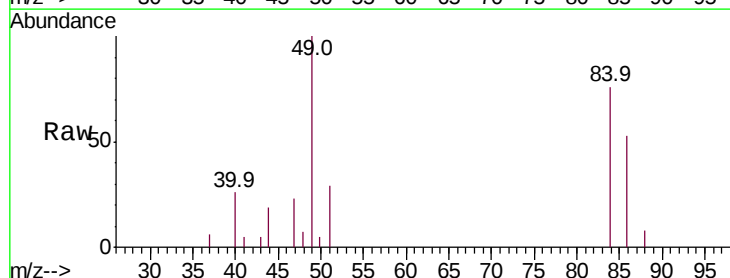
Tgt Ion: 84 Resp: 3364

Ion Ratio Lower Upper

84 100

86 70.4 44.7 82.9

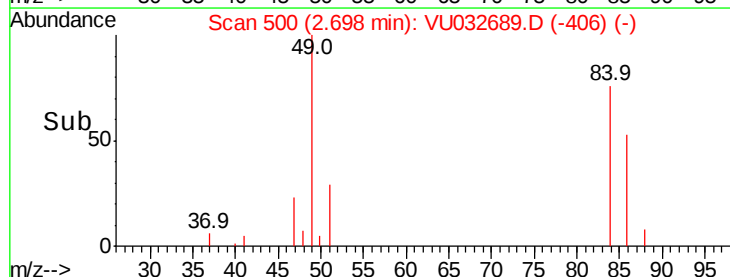
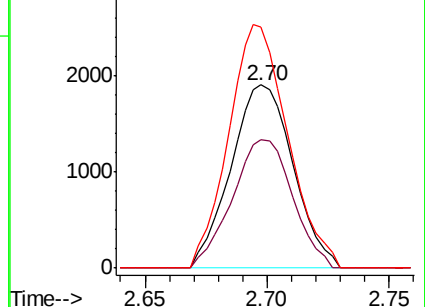
49 132.1 86.1 159.9

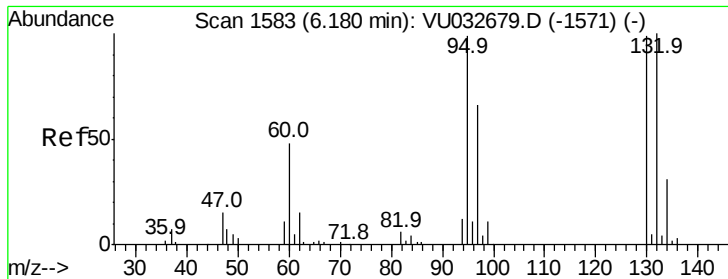


Abundance Ion 84.00 (83.70 to 84.70): VU032689.D (-406) (-)

Ion 86.00 (85.70 to 86.70): VU032689.D (-406) (-)

Ion 49.00 (48.70 to 49.70): VU032689.D (-406) (-)





#34

Trichloroethene

Concen: 2.611 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032689.D

Acq: 13 Jun 2019 13:13

Instrument :

MSVOA_U

ClientSampleId :

C0JQ1

Tot Ion: 95 Resp: 3353

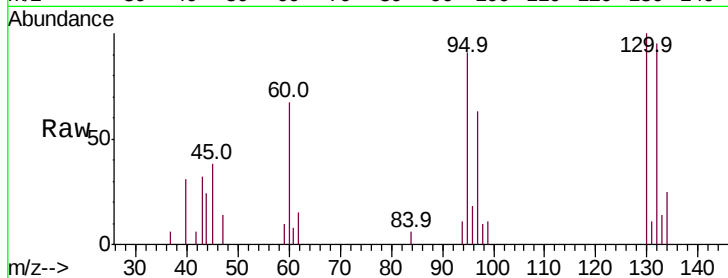
Ion Ratio Lower Upper

95 100

97 69.5 45.8 85.2

132 104.4 71.0 131.8

130 109.9 73.4 136.2

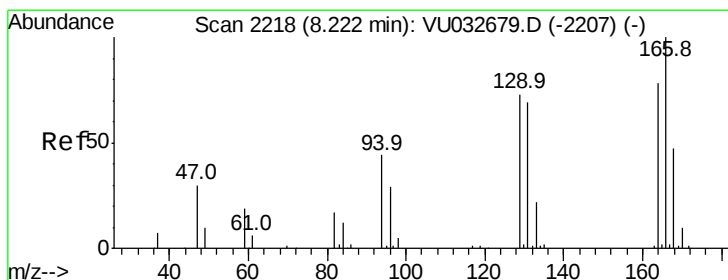
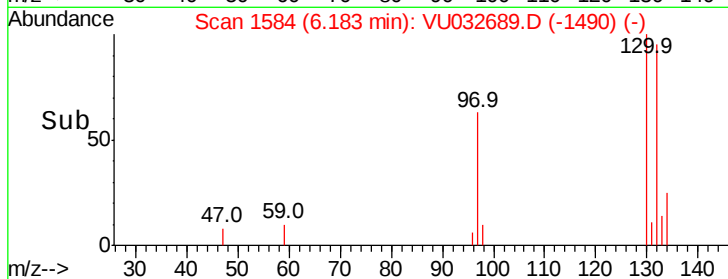
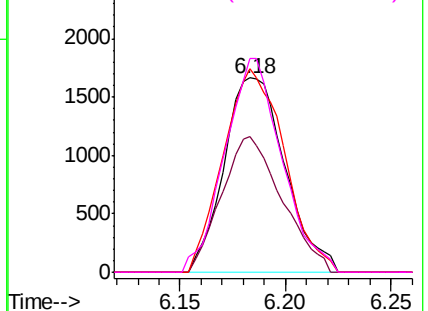


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 2.257 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU032689.D

Acq: 13 Jun 2019 13:13

Tgt Ion: 164 Resp: 2394

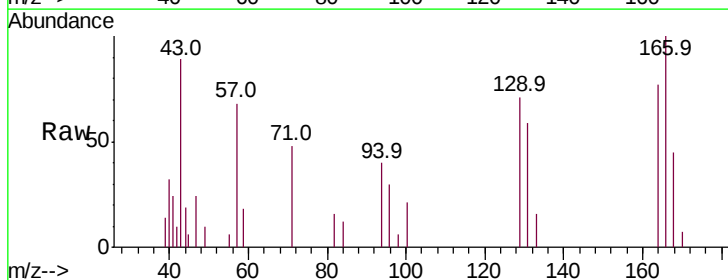
Ion Ratio Lower Upper

164 100

129 92.1 65.3 121.3

131 76.7 64.0 119.0

166 129.7 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

