

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061319\
 Data File : VU032684.D
 Acq On : 13 Jun 2019 11:18
 Operator : JC/SP
 Sample : K3286-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JP8

Quant Time: Jun 14 01:50:58 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	174195	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	168446	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	81719	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42800	37.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.74%
7) Chloroethane-d5	1.68	69	38185	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.08%
11) 1,1-Dichloroethene-d2	2.27	63	66677	30.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.26%
21) 2-Butanone-d5	4.17	46	102269	108.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.13%
24) Chloroform-d	4.64	84	96450	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
26) 1,2-Dichloroethane-d4	5.30	65	65979	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.38%
32) Benzene-d6	5.33	84	185298	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.74%
36) 1,2-Dichloropropane-d6	6.32	67	63431	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.52%
41) Toluene-d8	7.56	98	170532	41.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.26%
43) trans-1,3-Dichloropropene-	7.85	79	27948	42.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.18%
47) 2-Hexanone-d5	8.31	63	74985	112.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99000	49.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.66%
64) 1,2-Dichlorobenzene-d4	11.85	152	72455	46.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.58%

Target Compounds

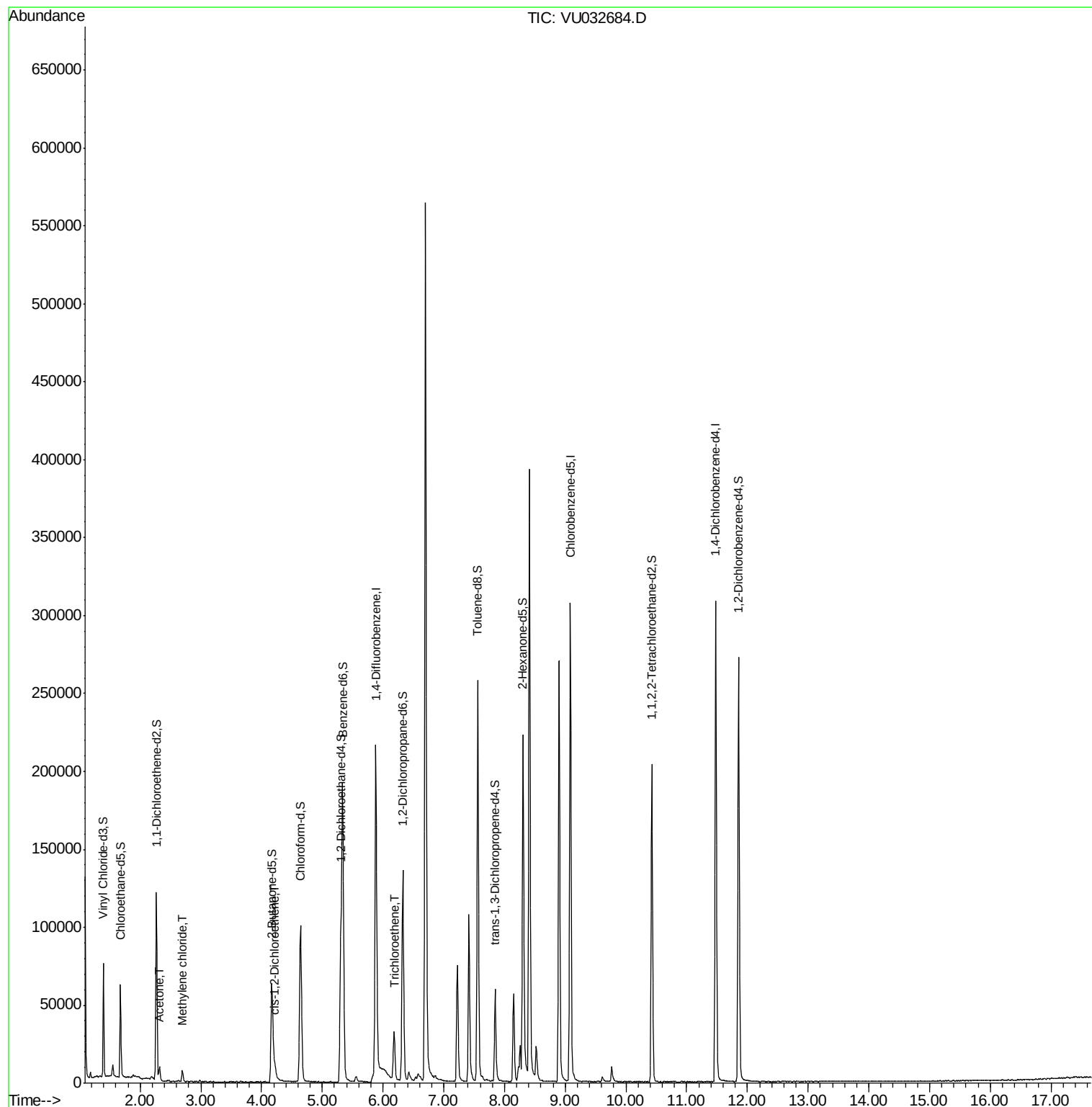
					Ovalue
13) Acetone	2.32	43	9676	9.915 ug/L	93
16) Methylene chloride	2.69	84	3417	2.897 ug/L	92
20) cis-1,2-Dichloroethene	4.22	96	2804	2.212 ug/L	96
34) Trichloroethene	6.18	95	10417	8.090 ug/L	96

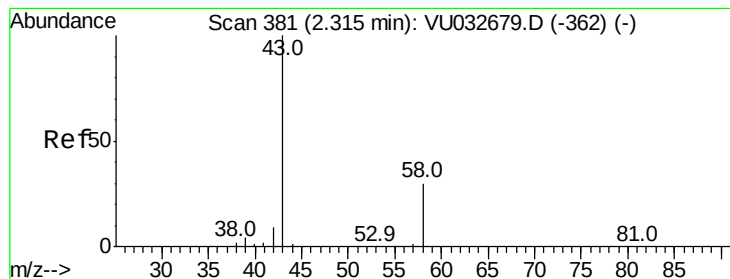
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.915 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032684.D

Acq: 13 Jun 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

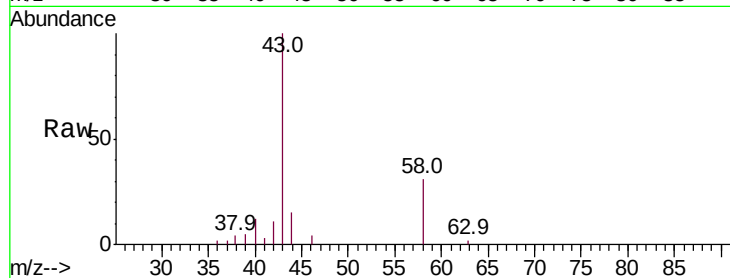
C0JP8

Tot Ion: 43 Resp: 9676

Ion Ratio Lower Upper

43 100

58 27.8 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

5000

4000

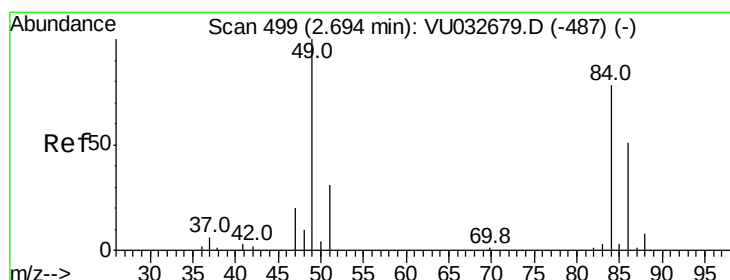
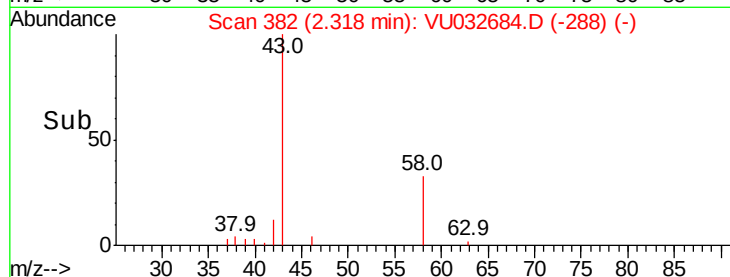
3000

2000

1000

0

Time-->



#16

Methylene chloride

Concen: 2.897 ug/L

RT: 2.69 min Scan# 499

Delta R.T. 0.00 min

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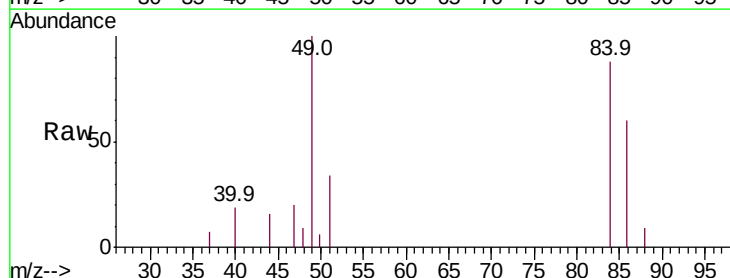
Tgt Ion: 84 Resp: 3417

Ion Ratio Lower Upper

84 100

86 68.3 44.7 82.9

49 113.2 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

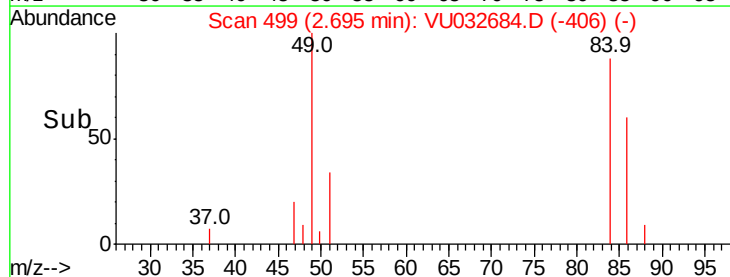
1500

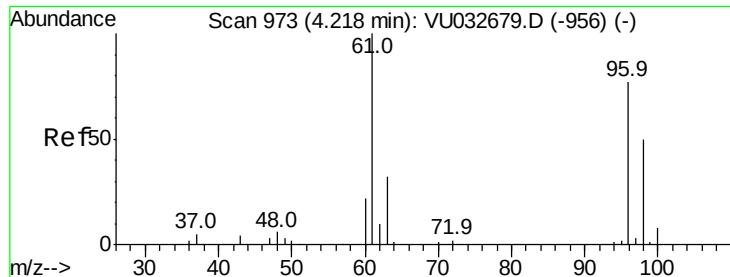
1000

500

0

Time-->

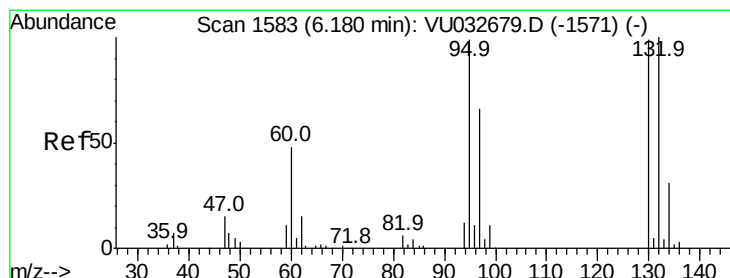
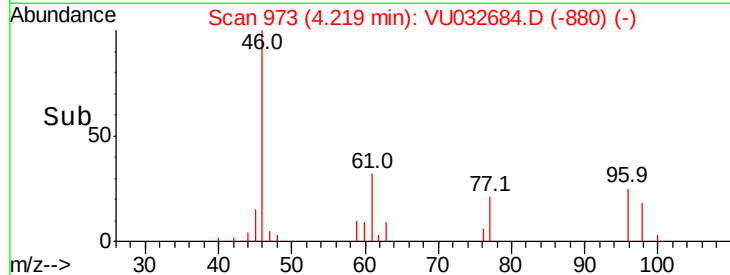
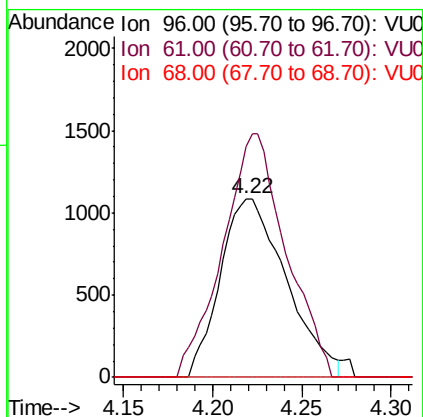
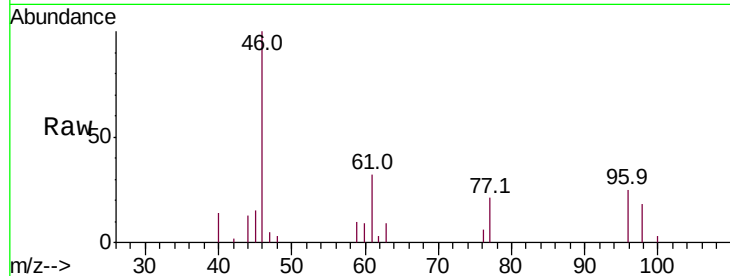




#20
 cis-1,2-Dichloroethene
 Concen: 2.212 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
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Tot Ion: 96 Resp: 2804
 Ion Ratio Lower Upper
 96 100
 61 128.7 87.2 162.0
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 8.090 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU032684.D
 Acq: 13 Jun 2019 11:18

Tgt Ion: 95 Resp: 10417
 Ion Ratio Lower Upper
 95 100
 97 61.4 45.8 85.2
 132 96.1 71.0 131.8
 130 103.0 73.4 136.2

