

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061319\
 Data File : VU032692.D
 Acq On : 13 Jun 2019 14:21
 Operator : JC/SP
 Sample : K3286-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JQ8

Quant Time: Jun 14 02:23:09 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	178611	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	171329	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82298	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42602	36.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.52%
7) Chloroethane-d5	1.68	69	38175	40.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.98%
11) 1,1-Dichloroethene-d2	2.27	63	66512	29.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.62%#
21) 2-Butanone-d5	4.17	46	104931	108.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.20%
24) Chloroform-d	4.64	84	96912	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	5.31	65	65114	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.66%
32) Benzene-d6	5.33	84	184786	41.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.10%
36) 1,2-Dichloropropane-d6	6.32	67	62780	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.02%
41) Toluene-d8	7.56	98	168439	39.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.88%#
43) trans-1,3-Dichloropropene-	7.85	79	28533	42.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.50%
47) 2-Hexanone-d5	8.31	63	74462	110.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98278	48.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	73599	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%

Target Compounds

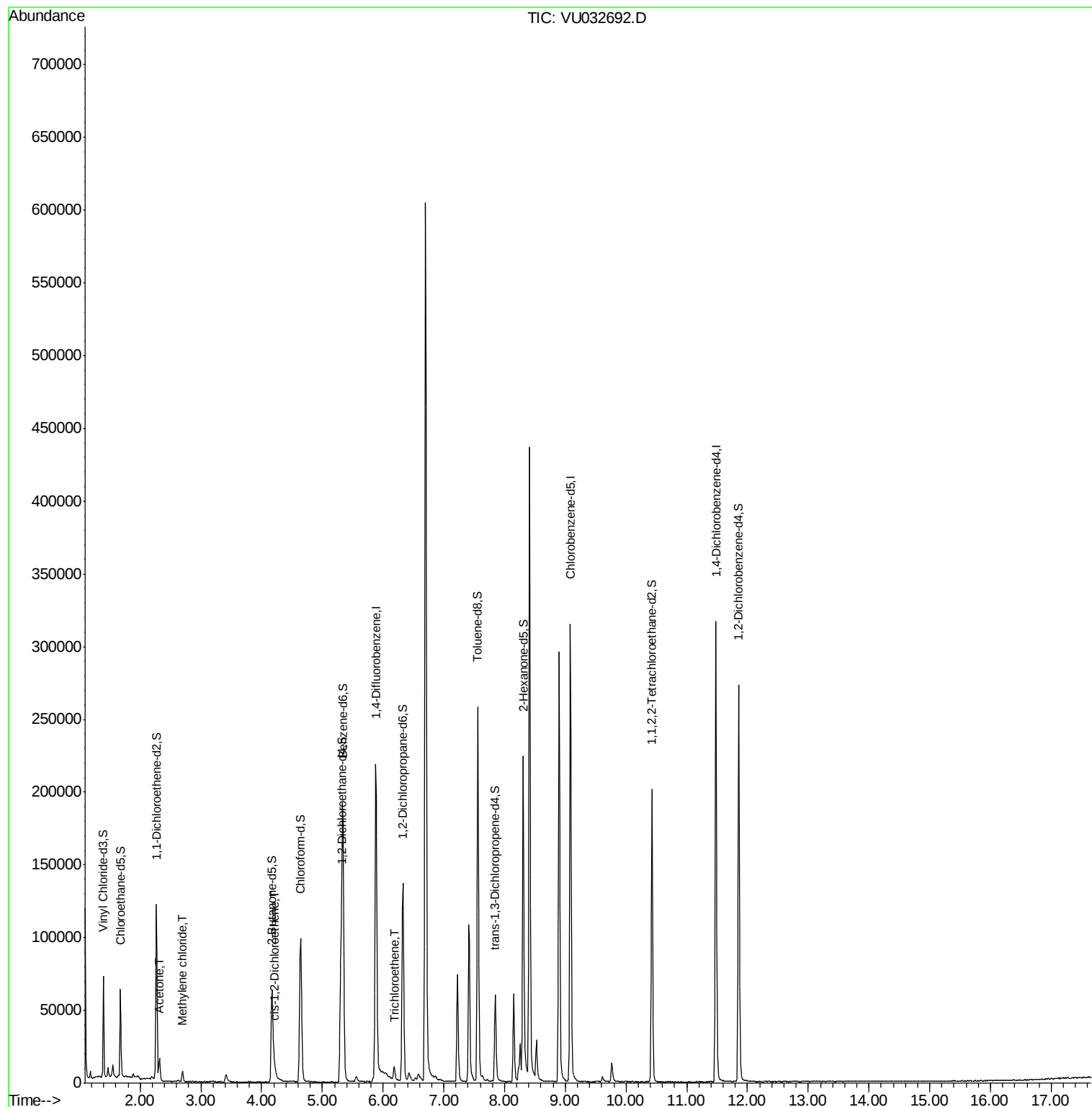
					Ovalue
13) Acetone	2.32	43	17171	17.161 ug/L	94
16) Methylene chloride	2.70	84	3148	2.603 ug/L	93
20) cis-1,2-Dichloroethene	4.23	96	2303	1.772 ug/L	96
34) Trichloroethene	6.18	95	2647	2.021 ug/L	96

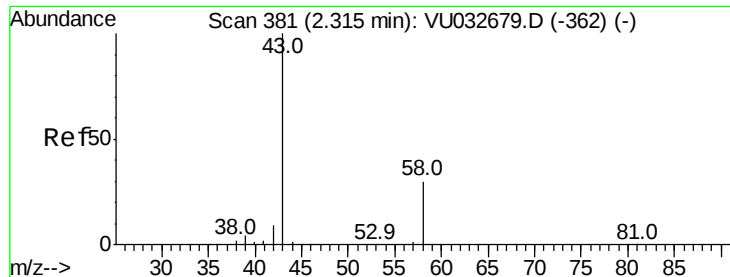
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.161 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032692.D

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Instrument :

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ClientSampleId :

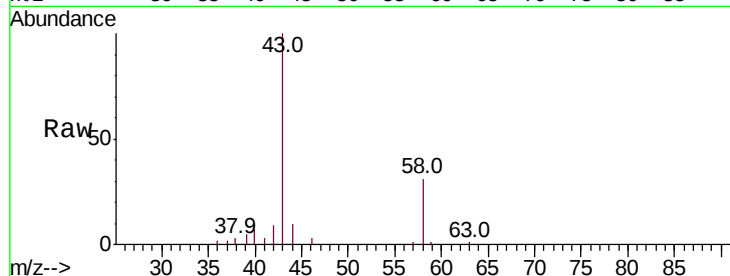
C0JQ8

Tot Ion: 43 Resp: 17171

Ion Ratio Lower Upper

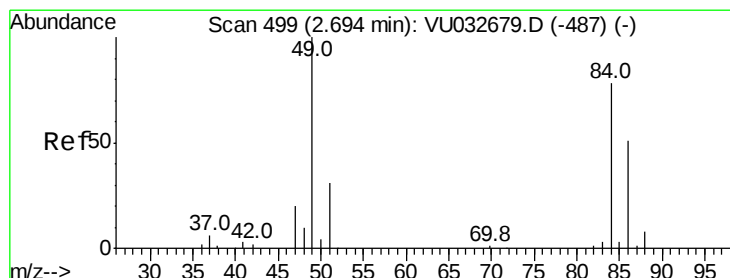
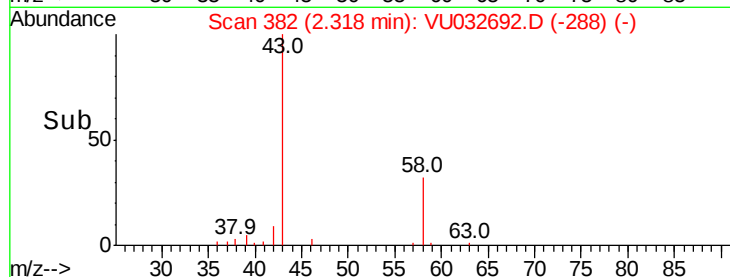
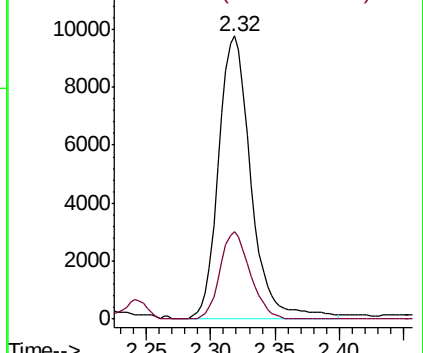
43 100

58 28.4 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) (-)



#16

Methylene chloride

Concen: 2.603 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU032692.D

Acq: 13 Jun 2019 14:21

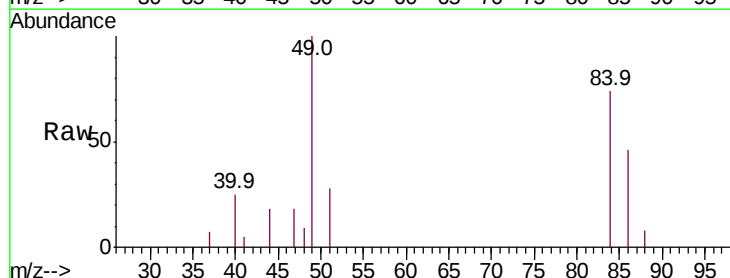
Tgt Ion: 84 Resp: 3148

Ion Ratio Lower Upper

84 100

86 62.1 44.7 82.9

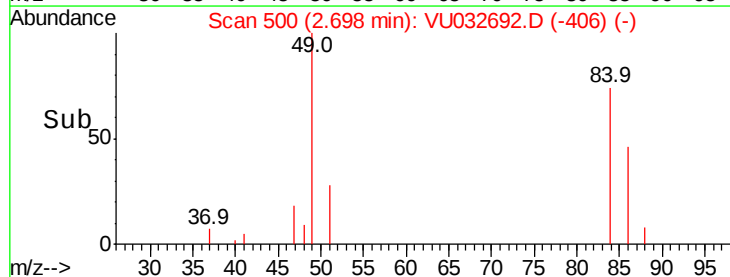
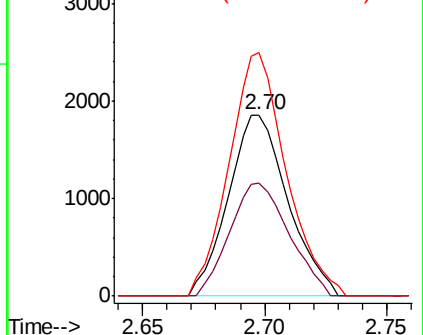
49 134.5 86.1 159.9

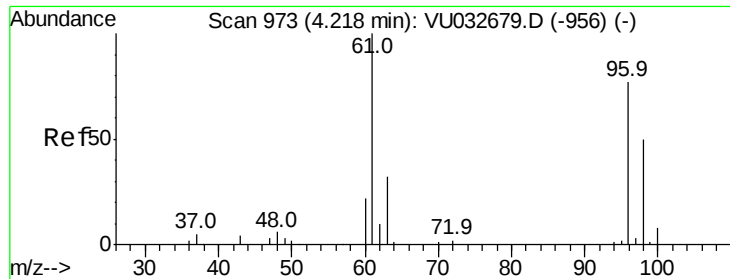


Abundance Ion 84.00 (83.70 to 84.70): VU032679.D (-487) (-)

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

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

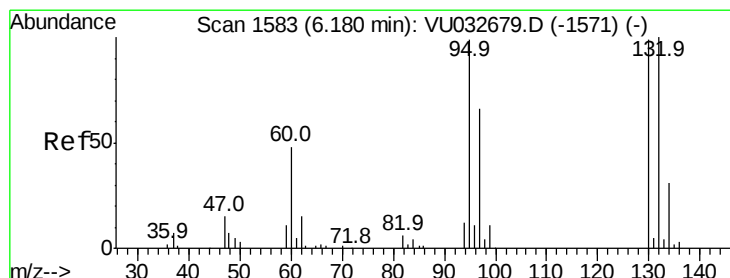
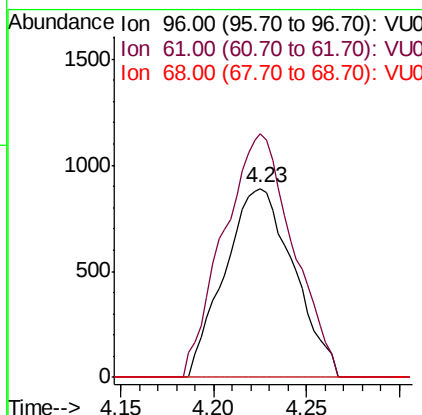
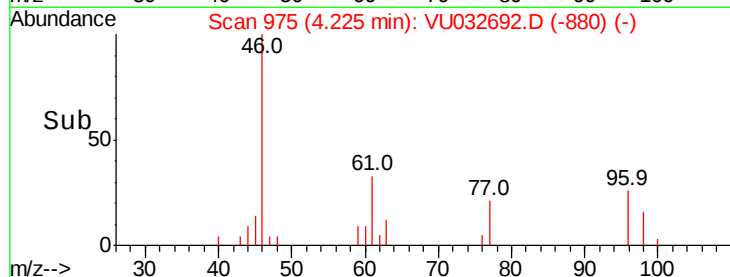
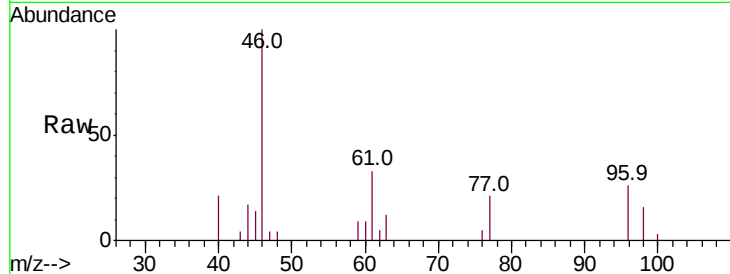




#20
 cis-1,2-Dichloroethene
 Concen: 1.772 ug/L
 RT: 4.23 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU032692.D
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Tot Ion: 96 Resp: 2303
 Ion Ratio Lower Upper
 96 100
 61 128.7 87.2 162.0
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 2.021 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU032692.D
 Acq: 13 Jun 2019 14:21

Tgt Ion: 95 Resp: 2647
 Ion Ratio Lower Upper
 95 100
 97 65.3 45.8 85.2
 132 108.9 71.0 131.8
 130 101.2 73.4 136.2

