

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061219\
 Data File : VU032643.D
 Acq On : 12 Jun 2019 11:53
 Operator : JC/SP
 Sample : K3286-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JS4

Quant Time: Jun 13 05:26:51 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	170994	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162302	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	80650	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58061	52.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.68%
7) Chloroethane-d5	1.68	69	46643	52.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.64%
11) 1,1-Dichloroethene-d2	2.27	63	86195	39.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.36%
21) 2-Butanone-d5	4.17	46	96282	103.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.71%
24) Chloroform-d	4.64	84	104504	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
26) 1,2-Dichloroethane-d4	5.30	65	70111	53.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.58%
32) Benzene-d6	5.33	84	214636	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.88%
36) 1,2-Dichloropropane-d6	6.32	67	69110	52.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.62%
41) Toluene-d8	7.56	98	202561	50.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.85	79	31638	50.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.08%
47) 2-Hexanone-d5	8.31	63	68634	107.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	98089	51.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	79084	51.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

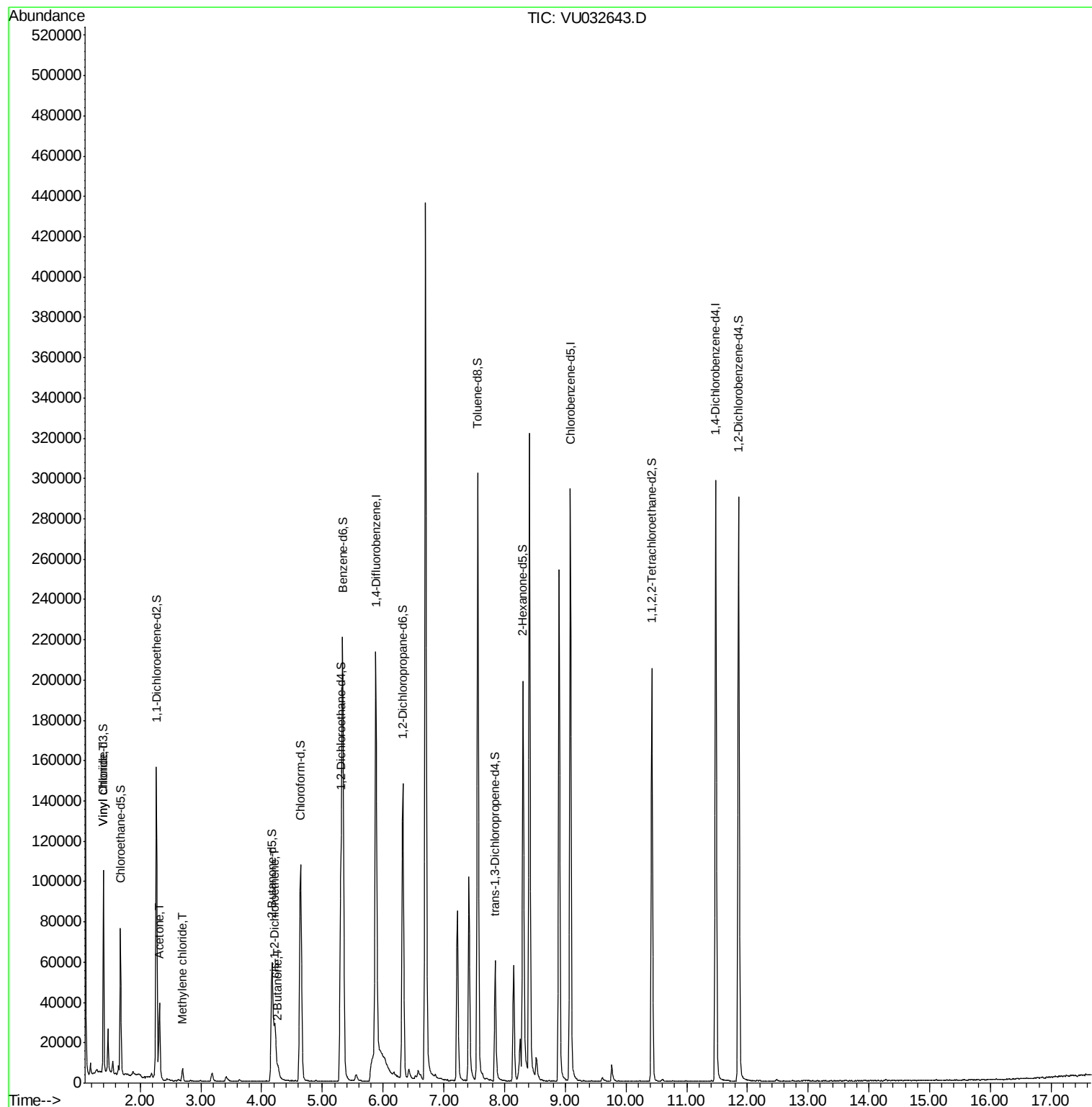
					Ovalue
5) Vinyl chloride	1.40	62	3894	2.617 ug/L	# 31
13) Acetone	2.32	43	38871	40.578 ug/L	95
16) Methylene chloride	2.70	84	2704	2.336 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	12701	10.207 ug/L	96
22) 2-Butanone	4.27	43	12258	10.827 ug/L	91

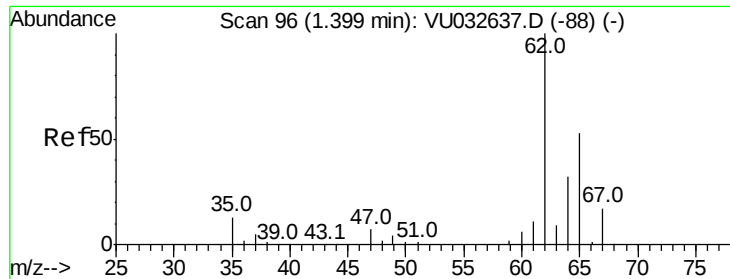
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.617 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU032643.D

Acq: 12 Jun 2019 11:53

Instrument :

MSVOA_U

ClientSampleId :

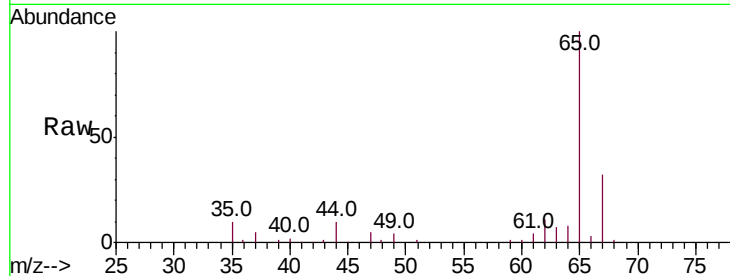
C0JS4

Tot Ion: 62 Resp: 3894

Ion Ratio Lower Upper

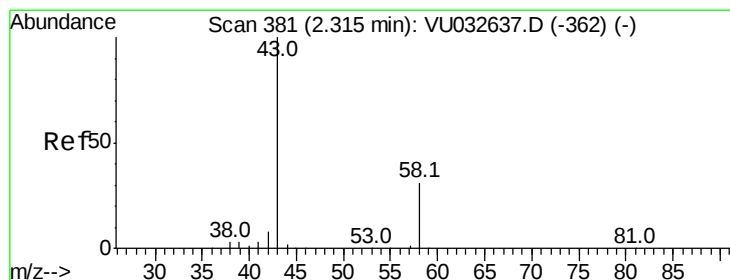
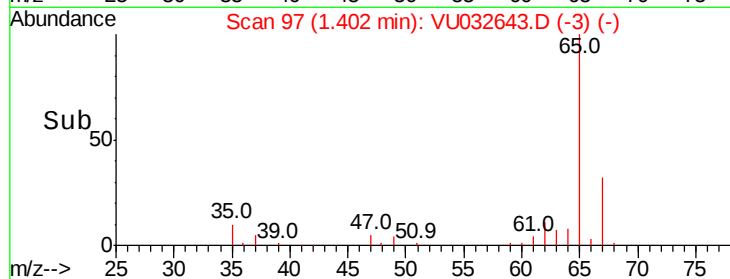
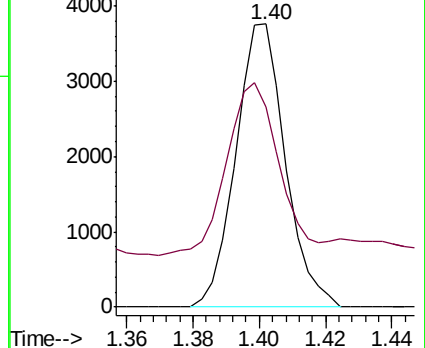
62 100

64 70.7 22.6 42.0#



Abundance Ion 62.00 (61.70 to 62.70): VU032637.D (-88) (-)

Ion 64.00 (63.70 to 64.70): VU032637.D (-88) (-)



#13

Acetone

Concen: 40.578 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032643.D

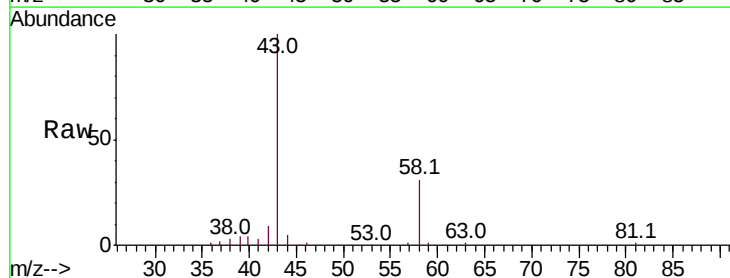
Acq: 12 Jun 2019 11:53

Tgt Ion: 43 Resp: 38871

Ion Ratio Lower Upper

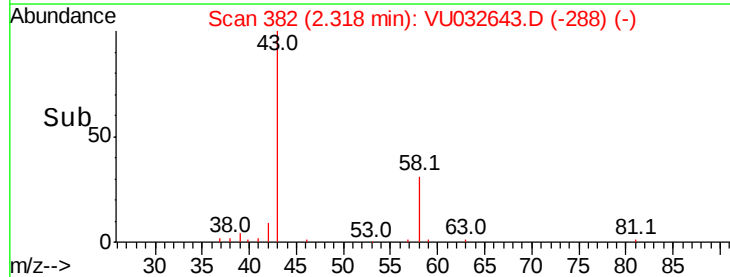
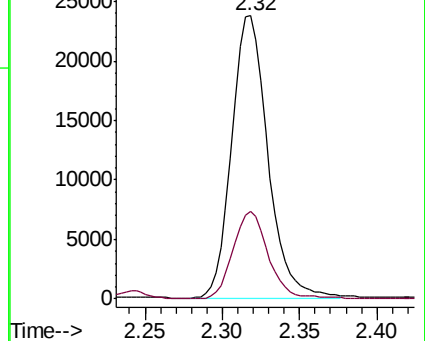
43 100

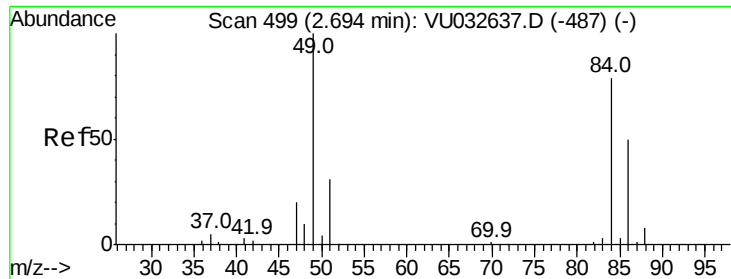
58 29.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032637.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU032637.D (-362) (-)

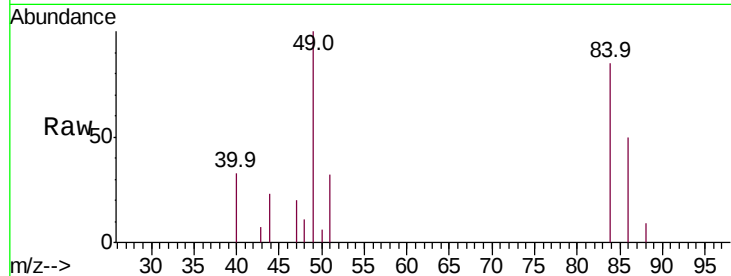




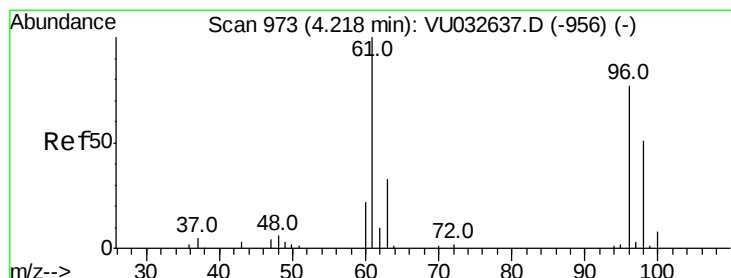
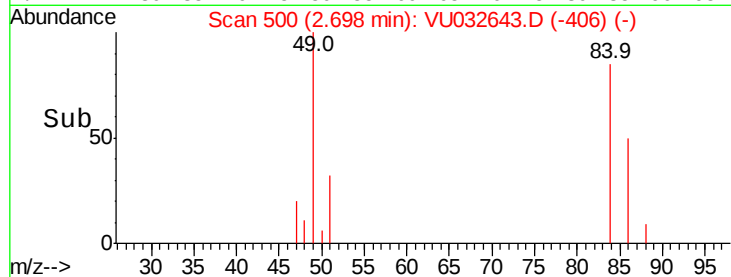
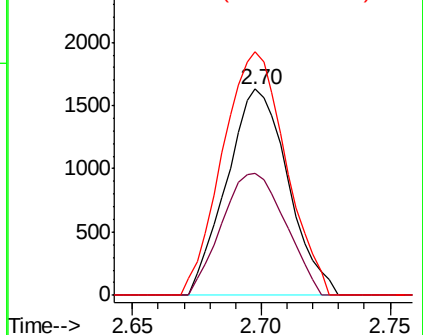
#16
Methvlene chloride
Concen: 2.336 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU032643.D
Acq: 12 Jun 2019 11:53

Instrument :
MSVOA_U
ClientSampleId :
C0JS4

Tot Ion: 84 Resp: 2704
Ion Ratio Lower Upper
84 100
86 58.9 44.7 82.9
49 118.0 86.1 159.9

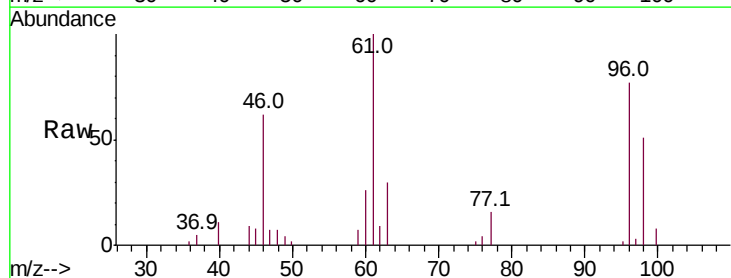


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

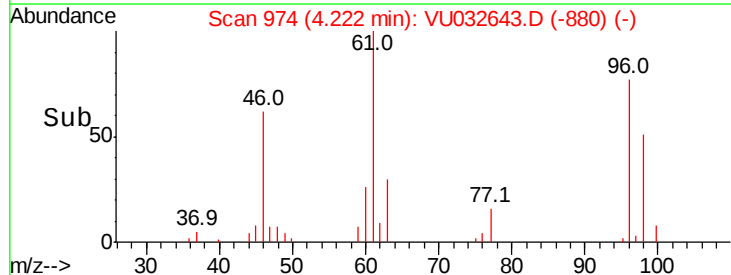
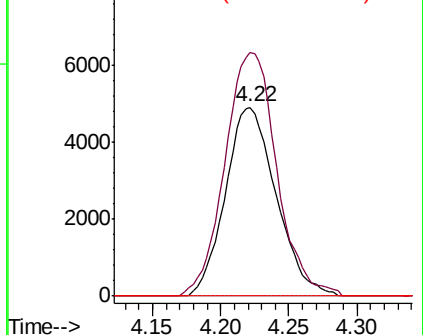


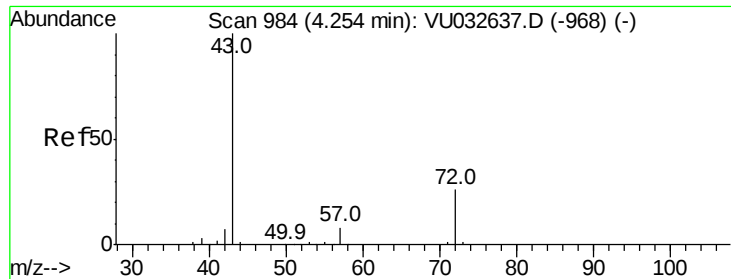
#20
cis-1,2-Dichloroethene
Concen: 10.207 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU032643.D
Acq: 12 Jun 2019 11:53

Tgt Ion: 96 Resp: 12701
Ion Ratio Lower Upper
96 100
61 129.1 87.2 162.0
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0





#22
 2-Butanone
 Concen: 10.827 ug/L
 RT: 4.27 min Scan# 990
 Delta R.T. 0.02 min
 Lab File: VU032643.D
 Acq: 12 Jun 2019 11:53

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JS4

Tot Ion: 43 Resp: 12258
 Ion Ratio Lower Upper
 43 100
 72 21.4 13.1 39.3

