

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081119\
 Data File : VU033752.D
 Acq On : 11 Aug 2019 15:12
 Operator : JC/SP
 Sample : K4289-03RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B16RE

Quant Time: Aug 12 06:40:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 12 04:45:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	269438	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	273568	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	123648	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37028	18.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	37.34%#
7) Chloroethane-d5	1.67	69	42543	21.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.80%#
11) 1,1-Dichloroethene-d2	2.26	63	52075	15.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	31.22%#
21) 2-Butanone-d5	4.15	46	154742	125.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.85%
24) Chloroform-d	4.62	84	123502	41.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.82%
26) 1,2-Dichloroethane-d4	5.29	65	82107	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.12%
32) Benzene-d6	5.32	84	192164	29.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.52%#
36) 1,2-Dichloropropane-d6	6.31	67	78113	39.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.86%
41) Toluene-d8	7.55	98	147366	24.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	48.54%#
43) trans-1,3-Dichloropropene-	7.83	79	29342	29.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.66%#
47) 2-Hexanone-d5	8.29	63	110554	107.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.73%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	158509	54.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.16%
64) 1,2-Dichlorobenzene-d4	11.84	152	90478	43.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.96%

Target Compounds

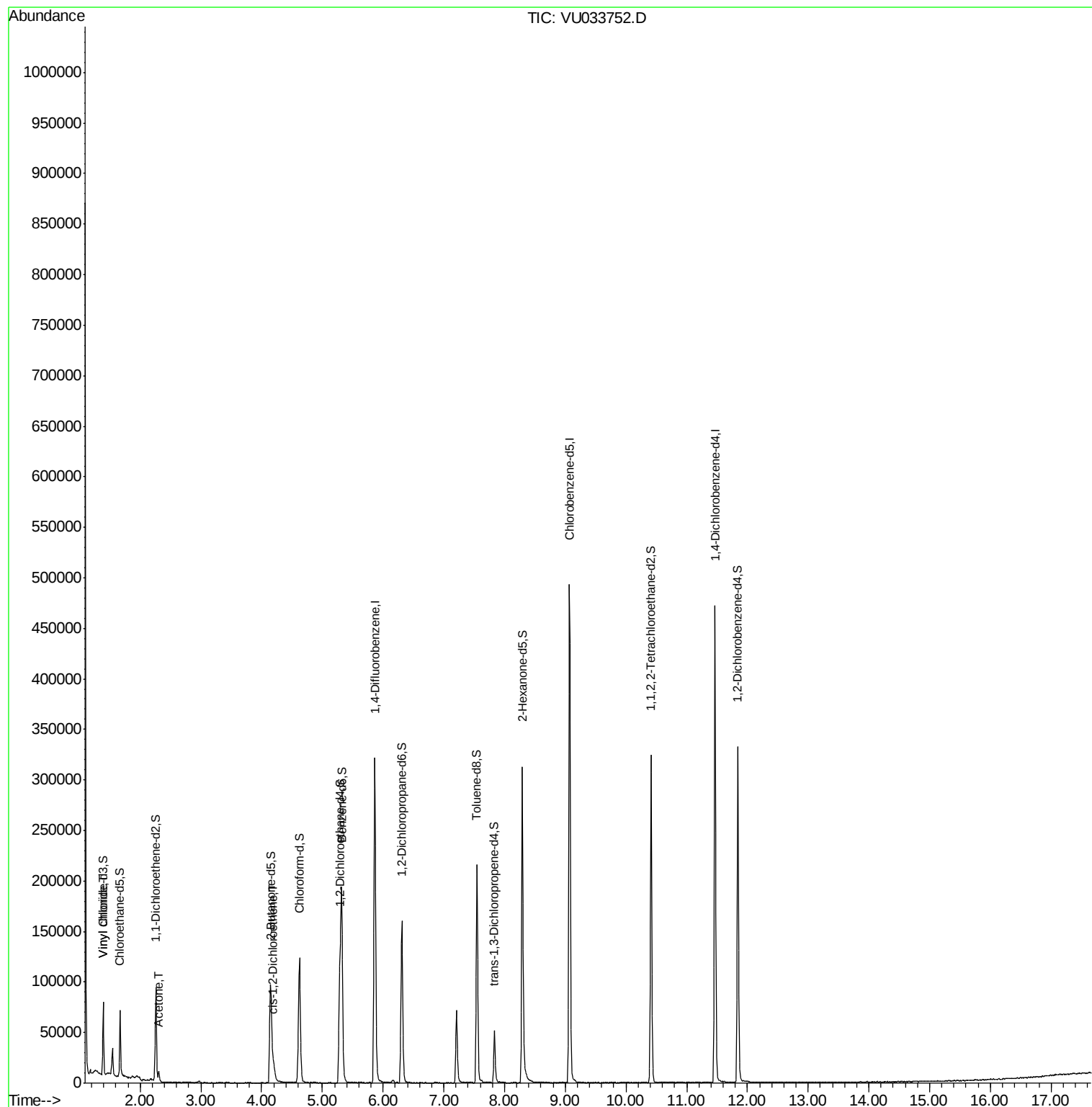
					Ovalue
5) Vinyl chloride	1.40	62	10633	4.688 ug/L	93
13) Acetone	2.31	43	10251	8.292 ug/L	95
20) cis-1,2-Dichloroethene	4.20	96	6520	3.366 ug/L	99

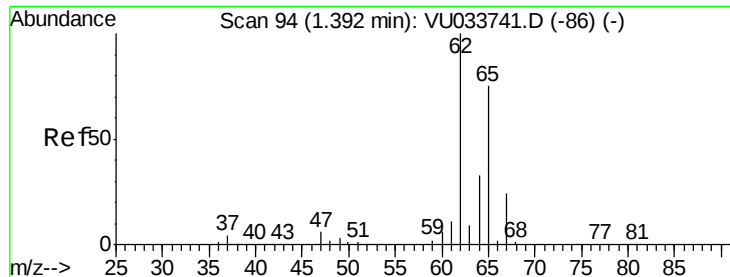
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.688 ug/L

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

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Acq: 11 Aug 2019 15:12

Instrument :

MSVOA_U

ClientSampleId :

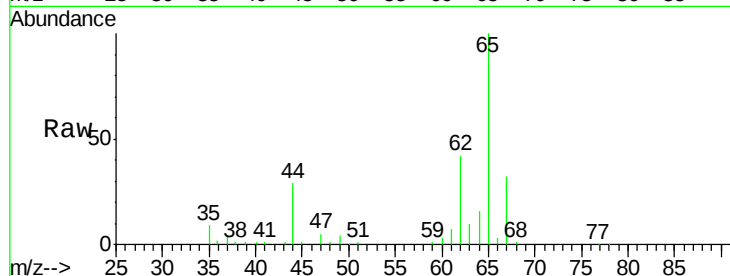
F2B16RE

Tot Ion: 62 Resp: 10633

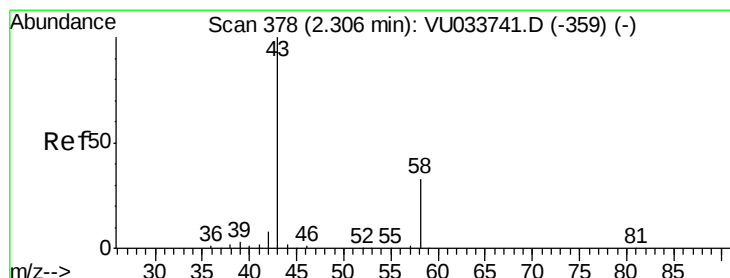
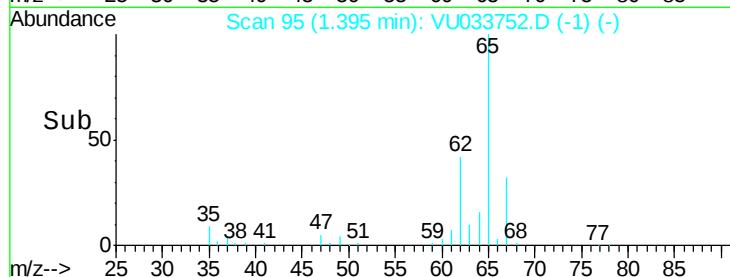
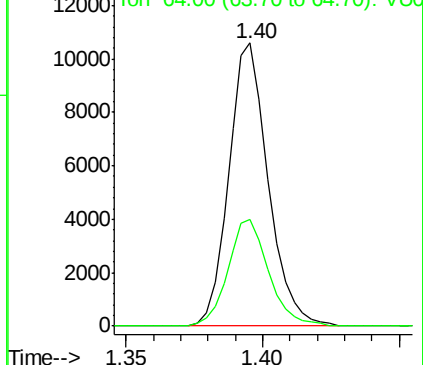
Ion Ratio Lower Upper

62 100

64 37.8 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU033752.D (-1) (-)



#13

Acetone

Concen: 8.292 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU033752.D

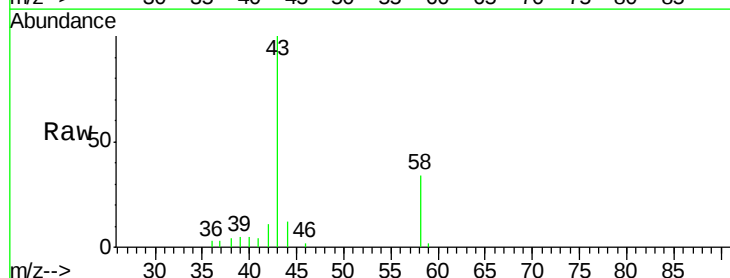
Acq: 11 Aug 2019 15:12

Tgt Ion: 43 Resp: 10251

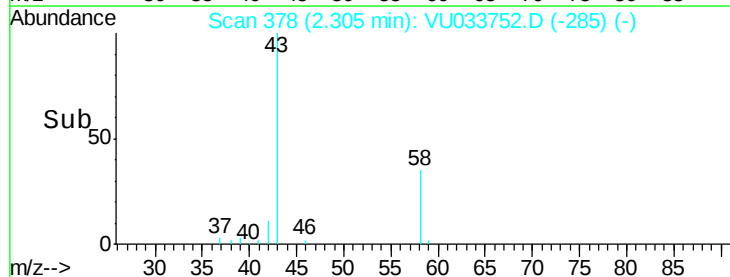
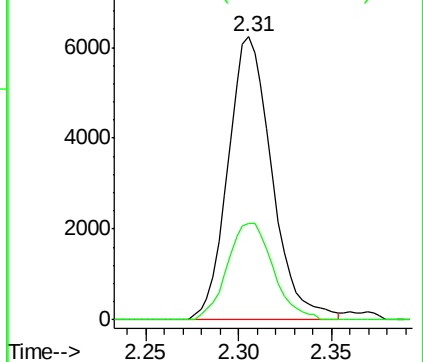
Ion Ratio Lower Upper

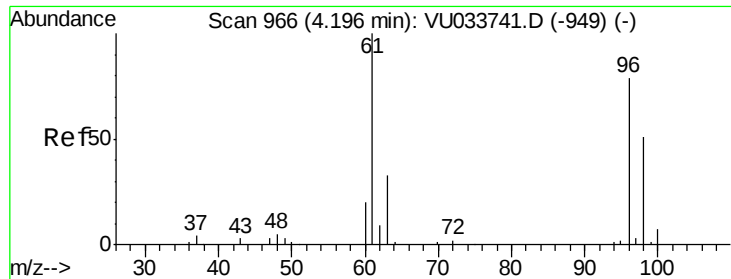
43 100

58 35.7 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU033752.D (-285) (-)





#20
 cis-1,2-Dichloroethene
 Concen: 3.366 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033752.D
 Acq: 11 Aug 2019 15:12

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B16RE

Tot Ion: 96 Resp: 6520
 Ion Ratio Lower Upper
 96 100
 61 123.3 87.0 161.6
 68 0.0 0.0 0.0

