

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033709.D
 Acq On : 10 Aug 2019 01:35
 Operator : JC/SP
 Sample : K4289-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B16

Quant Time: Aug 12 03:26:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 04:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	340963	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	332332	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	166354	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	119792	47.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.46%
7) Chloroethane-d5	1.67	69	116800	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.86%
11) 1,1-Dichloroethene-d2	2.26	63	164683	39.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.04%
21) 2-Butanone-d5	4.15	46	243971	156.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	156.79%#
24) Chloroform-d	4.62	84	232232	62.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	124.56%
26) 1,2-Dichloroethane-d4	5.28	65	155426	66.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.32%#
32) Benzene-d6	5.32	84	468275	59.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.40%
36) 1,2-Dichloropropane-d6	6.31	67	156773	65.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	130.28%#
41) Toluene-d8	7.55	98	416712	56.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.98%
43) trans-1,3-Dichloropropene-	7.83	79	71085	58.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.98%
47) 2-Hexanone-d5	8.29	63	186756	149.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	149.80%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	245257	68.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	137.76%#
64) 1,2-Dichlorobenzene-d4	11.84	152	180810	64.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.16%#

Target Compounds

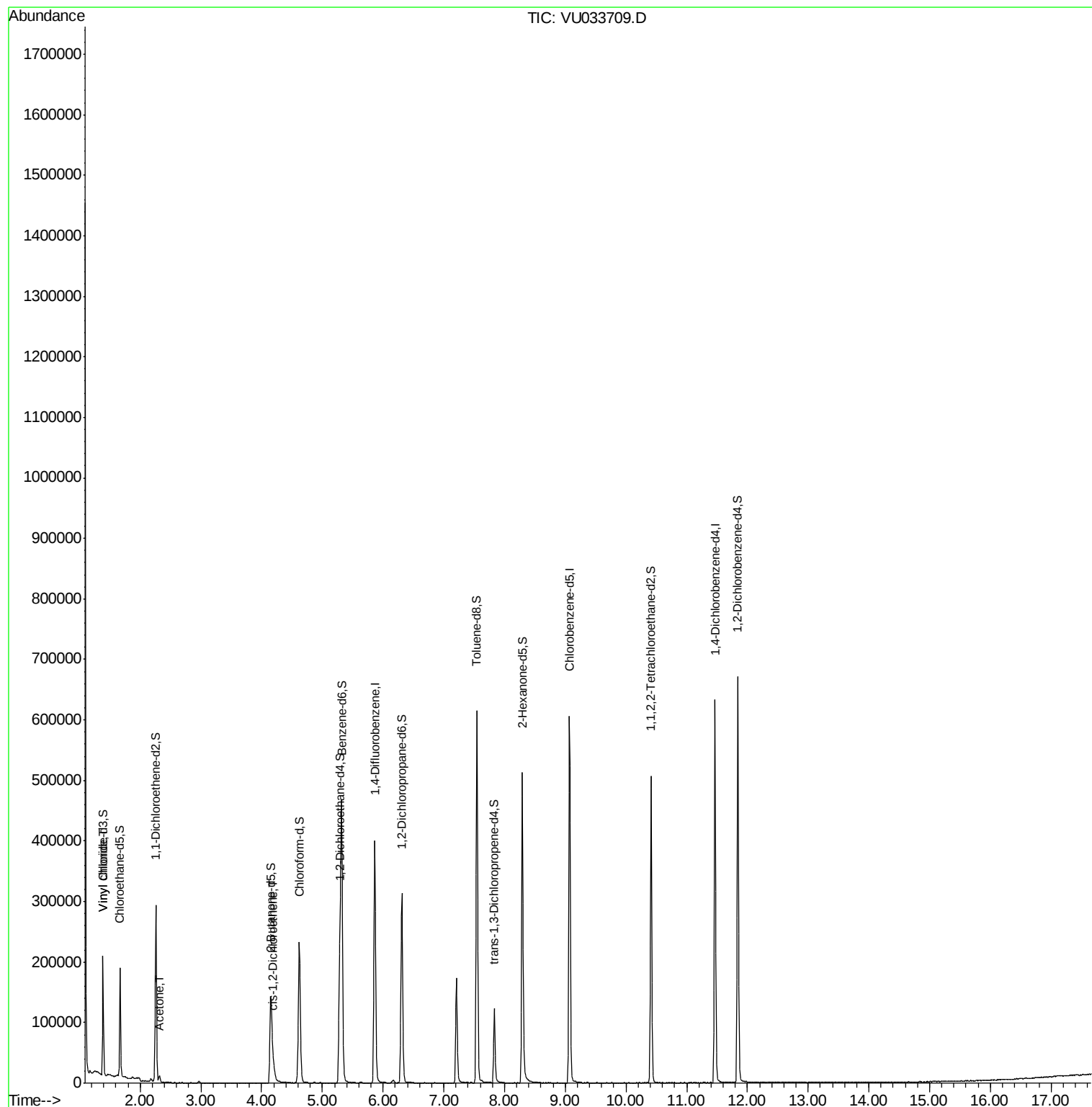
					Qvalue
5) Vinyl chloride	1.39	62	12186	4.246 ug/L	# 76
13) Acetone	2.32	43	11449	7.318 ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	8580	3.500 ug/L	99

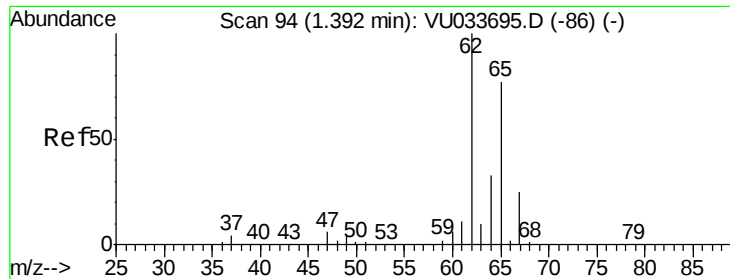
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.246 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033709.D

Acq: 10 Aug 2019 01:35

Instrument :

MSVOA_U

ClientSampleId :

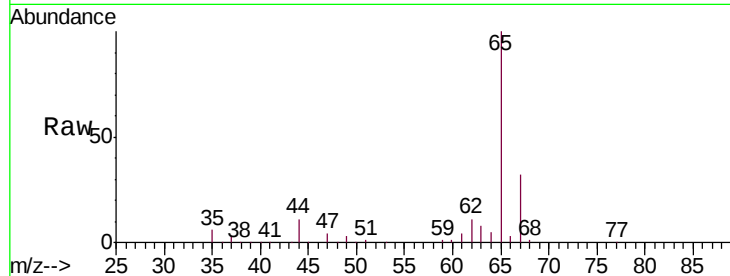
F2B16

Tgt Ion: 62 Resp: 12186

Ion Ratio Lower Upper

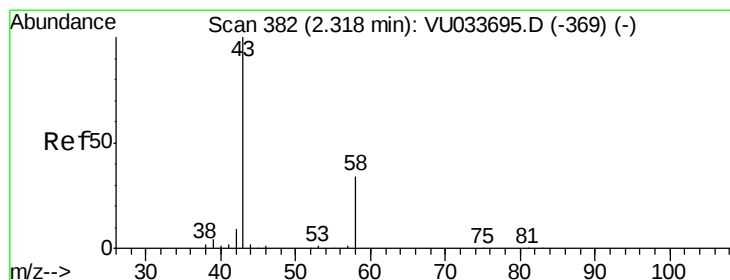
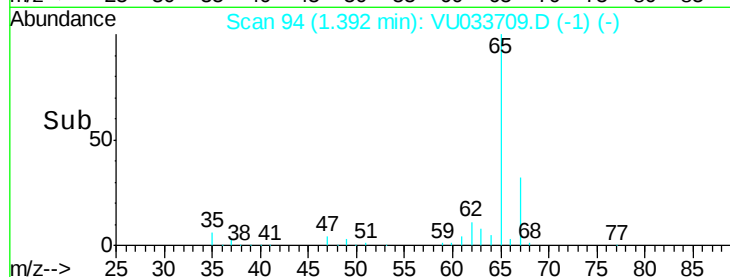
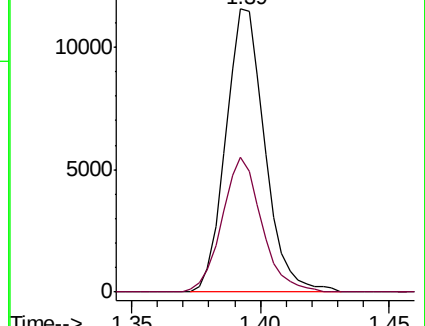
62 100

64 47.5 23.7 43.9#



Abundance Ion 62.00 (61.70 to 62.70): VU033695.D (-86) (-)

Ion 64.00 (63.70 to 64.70): VU033695.D (-86) (-)



#13

Acetone

Concen: 7.318 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

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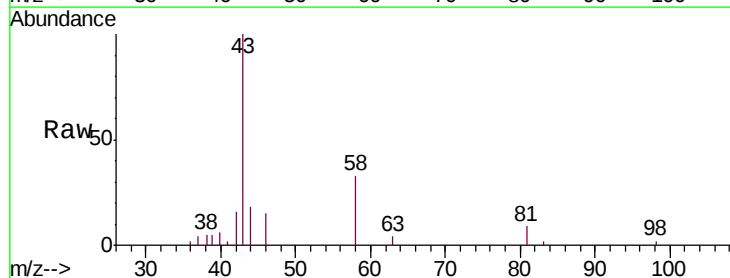
Acq: 10 Aug 2019 01:35

Tgt Ion: 43 Resp: 11449

Ion Ratio Lower Upper

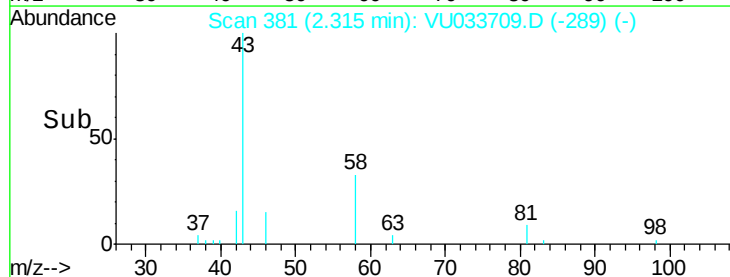
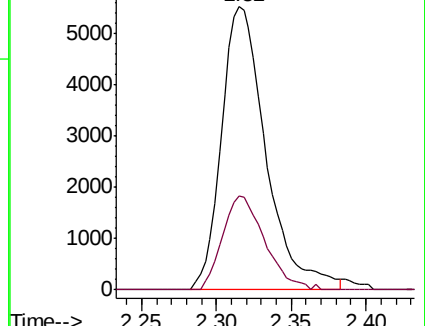
43 100

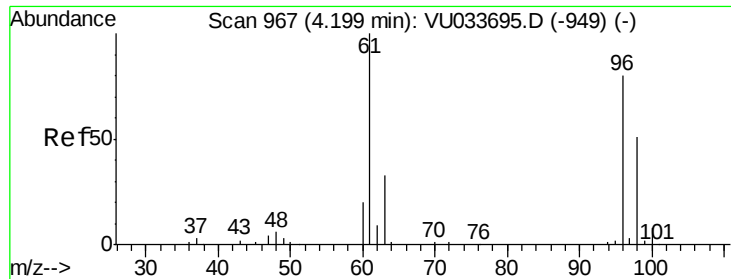
58 31.1 0.0 65.6



Abundance Ion 43.00 (42.70 to 43.70): VU033695.D (-369) (-)

Ion 58.00 (57.70 to 58.70): VU033695.D (-369) (-)





#20
 cis-1,2-Dichloroethene
 Concen: 3.500 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VU033709.D
 Acq: 10 Aug 2019 01:35

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B16

Tgt Ion: 96 Resp: 8580
 Ion Ratio Lower Upper
 96 100
 61 123.5 87.0 161.6
 68 0.0 0.0 0.0

