

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110519\
 Data File : VU035622.D
 Acq On : 05 Nov 2019 11:57
 Operator : JC/SP
 Sample : K5679-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CM6

Quant Time: Nov 06 03:06:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 06 03:03:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	639064	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	598812	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	176590	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	187418	36.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.62%
7) Chloroethane-d5	1.93	69	170938	41.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.94%
11) 1,1-Dichloroethene-d2	2.60	63	244755	30.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.98%
21) 2-Butanone-d5	4.69	46	271995	90.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.21%
24) Chloroform-d	5.11	84	363804	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
26) 1,2-Dichloroethane-d4	5.75	65	228604	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
32) Benzene-d6	5.77	84	755003	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
36) 1,2-Dichloropropane-d6	6.74	67	250512	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.98%
41) Toluene-d8	7.93	98	688594	46.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.54%
43) trans-1,3-Dichloropropene-	8.22	79	111179	47.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.36%
47) 2-Hexanone-d5	8.68	63	178537	92.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.03%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	332320	46.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.34%
64) 1,2-Dichlorobenzene-d4	12.22	152	183468	51.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.02%

Target Compounds

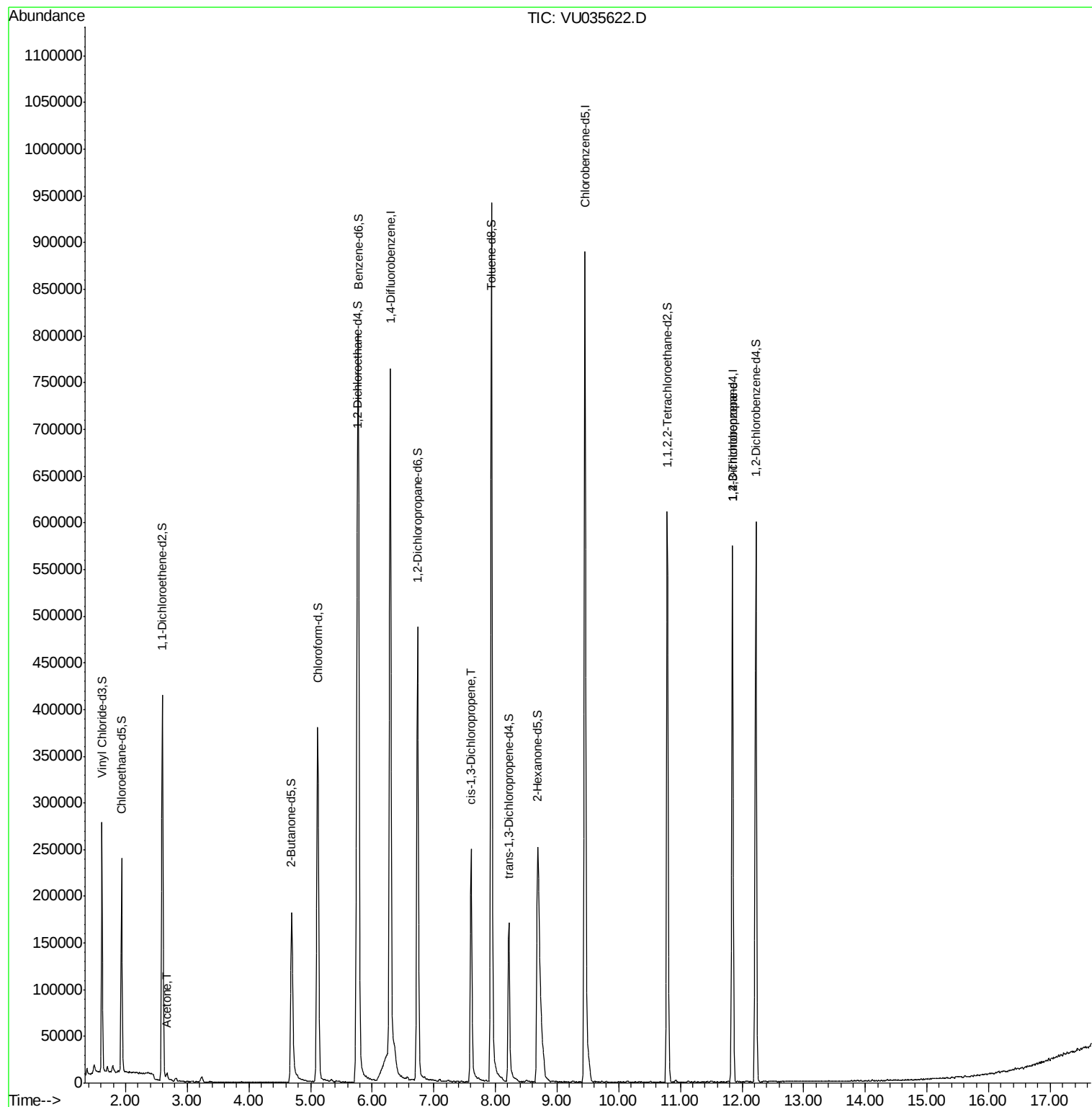
					Ovalue
13) Acetone	2.67	43	7653	2.885 ug/L	98
39) cis-1,3-Dichloropropene	7.60	75	6098	0.910 ug/L #	44
59) 1,2,3-Trichloropropane	11.84	75	19232	3.273 ug/L	92

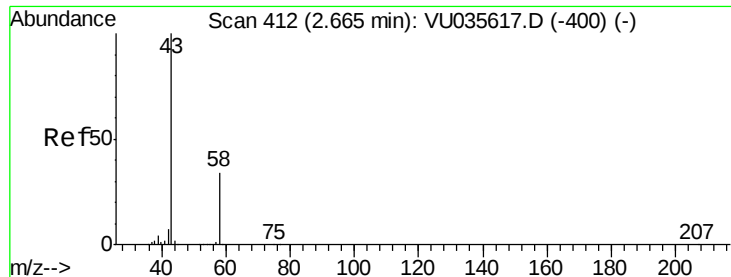
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.885 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU035622.D

Acq: 05 Nov 2019 11:57

Instrument :

MSVOA_U

ClientSampleId :

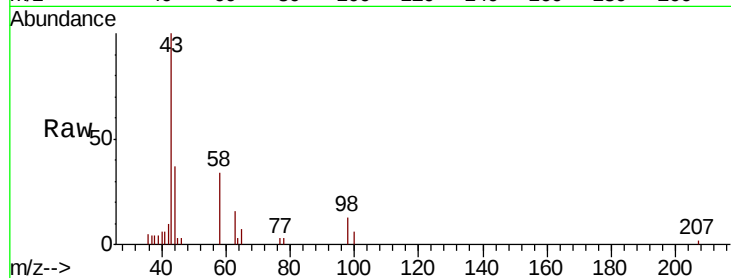
C0CM6

Tot Ion: 43 Resp: 7653

Ion Ratio Lower Upper

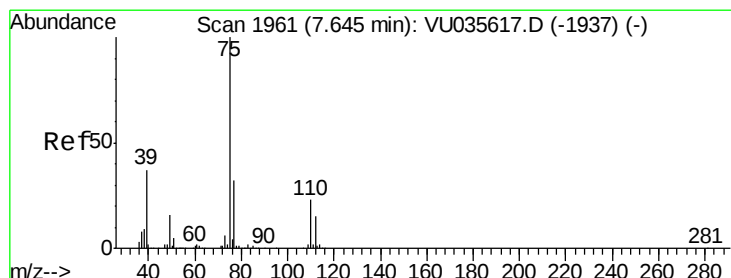
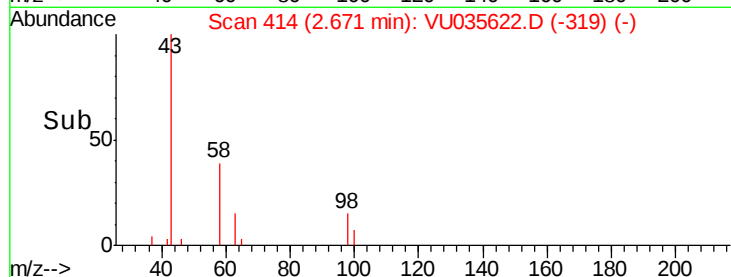
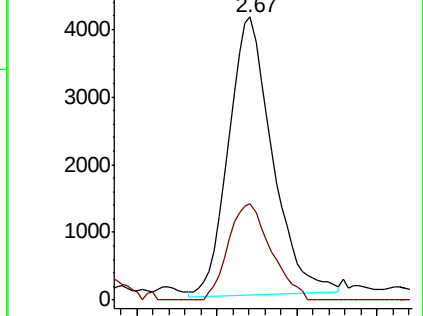
43 100

58 33.9 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU035617.D (-400) (-)

Ion 58.00 (57.70 to 58.70): VU035617.D (-400) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.910 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035622.D

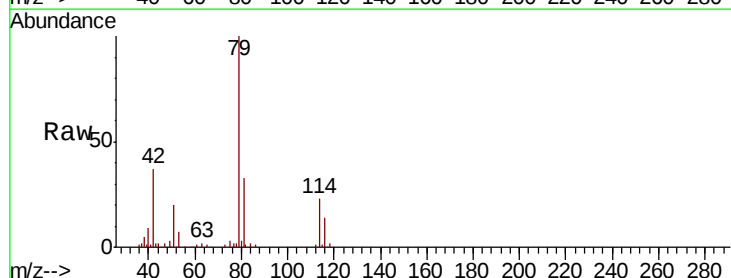
Acq: 05 Nov 2019 11:57

Tgt Ion: 75 Resp: 6098

Ion Ratio Lower Upper

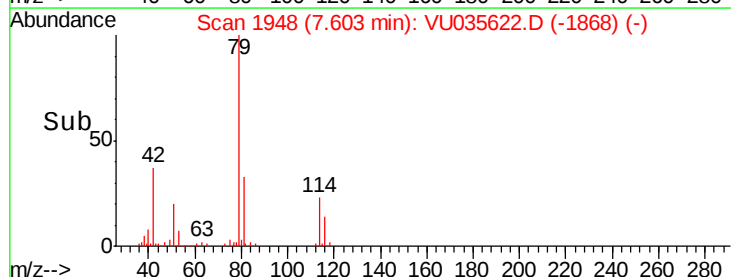
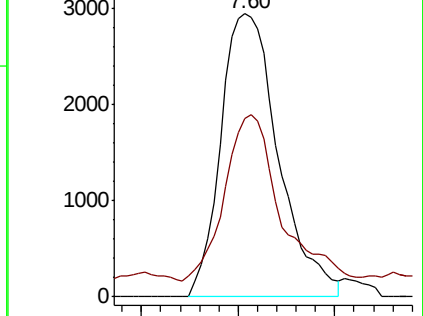
75 100

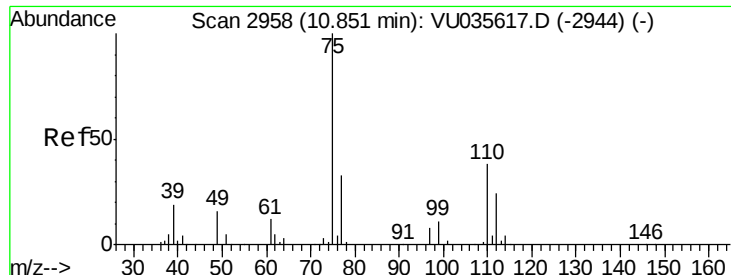
77 62.9 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU035617.D (-1937) (-)

Ion 77.00 (76.70 to 77.70): VU035617.D (-1937) (-)





#59

1,2,3-Trichloropropane

Concen: 3.273 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035622.D

Acq: 05 Nov 2019 11:57

Instrument :

MSVOA_U

ClientSampleId :

C0CM6

Tot Ion: 75 Resp: 19232

Ion Ratio Lower Upper

75 100

77 36.5 25.7 38.5

