

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112019\
 Data File : VU035789.D
 Acq On : 20 Nov 2019 15:06
 Operator : JC/SP
 Sample : K5845-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 04:12:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 21 04:09:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	614014	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	626166	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	181236	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	213273	43.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.02%
7) Chloroethane-d5	1.93	69	185070	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.46%
11) 1,1-Dichloroethene-d2	2.73	63	181	0.02	ug/L	0.14
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.69	46	364670	125.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.89%
24) Chloroform-d	5.11	84	409264	53.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.88%
26) 1,2-Dichloroethane-d4	5.75	65	280111	59.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.40%
32) Benzene-d6	5.77	84	786211	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
36) 1,2-Dichloropropane-d6	6.73	67	274044	51.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.54%
41) Toluene-d8	7.93	98	683777	44.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.82%
43) trans-1,3-Dichloropropene-	8.21	79	118216	48.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.98%
47) 2-Hexanone-d5	8.68	63	207140	102.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.11%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	381332	50.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.32%
64) 1,2-Dichlorobenzene-d4	12.22	152	183940	50.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.64%

Target Compounds

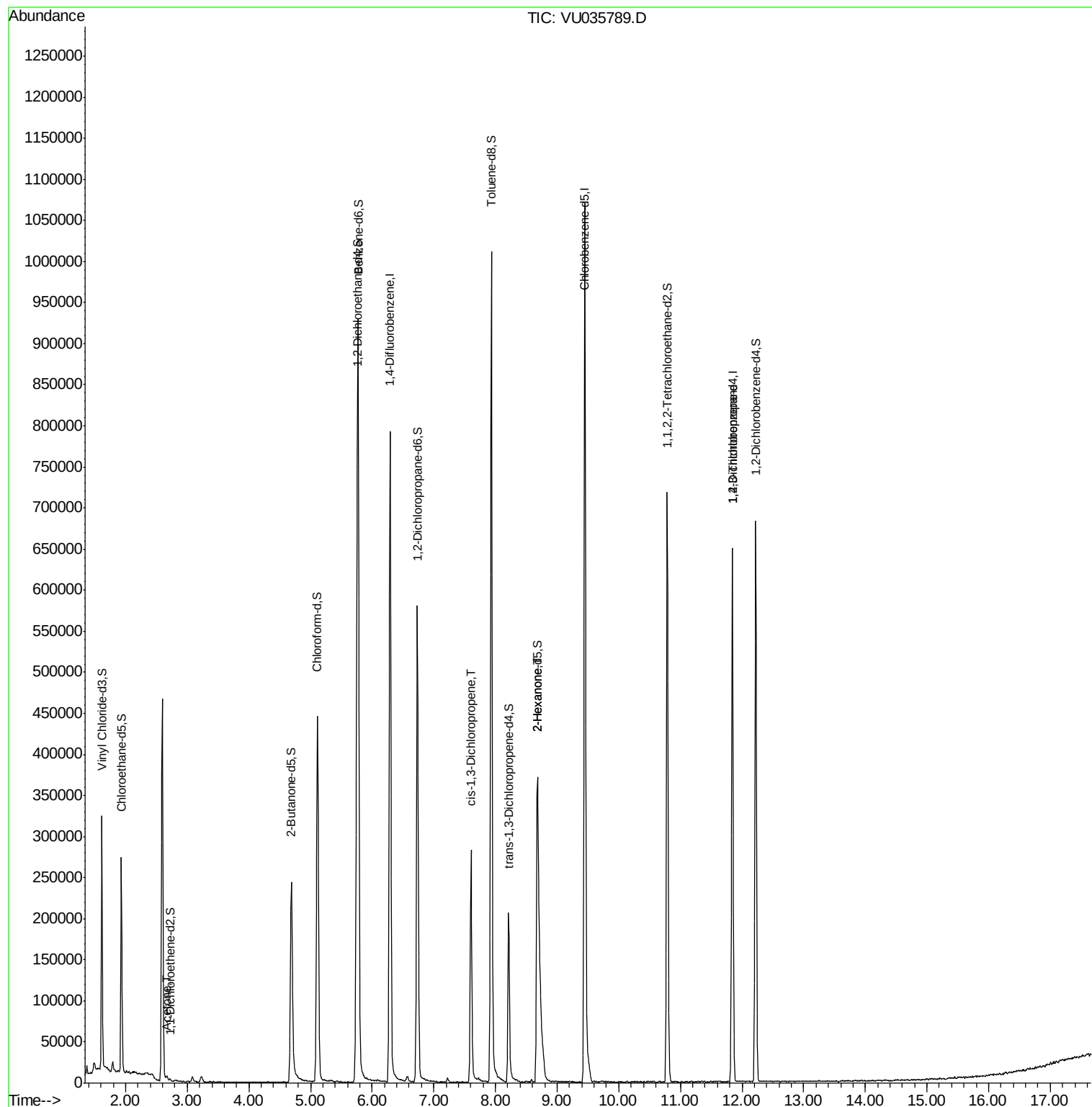
				Ovalue
13) Acetone	2.67	43	5625	2.207 ug/L 94
39) cis-1,3-Dichloropropene	7.60	75	7883	1.125 ug/L # 68
48) 2-Hexanone	8.68	43	20503	3.999 ug/L # 63
59) 1,2,3-Trichloropropane	11.84	75	23988	3.904 ug/L 93

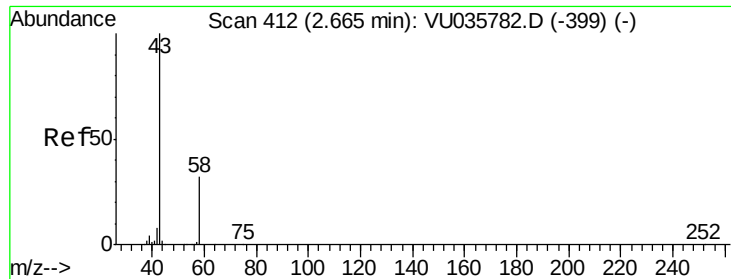
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.207 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

Lab File: VU035789.D

Acq: 20 Nov 2019 15:06

Instrument :

MSVOA_U

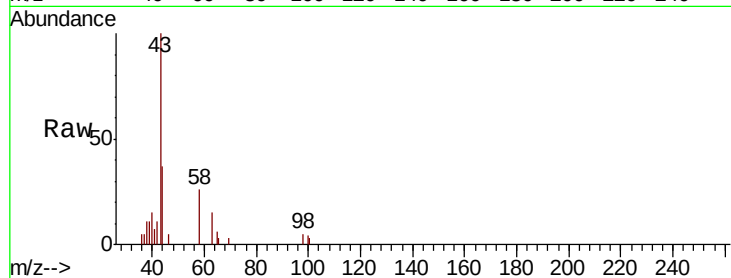
ClientSampleId :

Tot Ion: 43 Resp: 5625

Ion Ratio Lower Upper

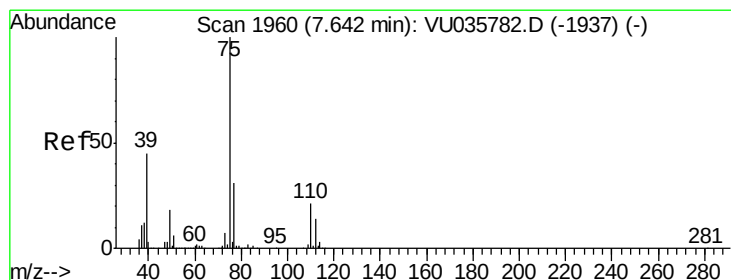
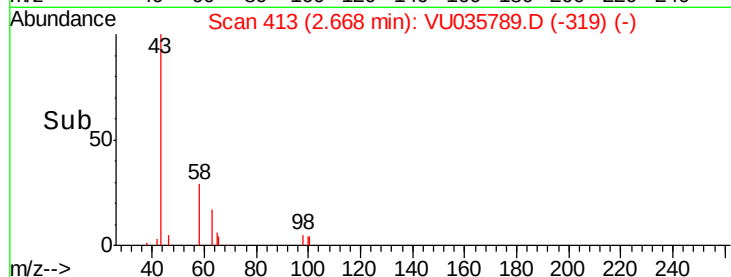
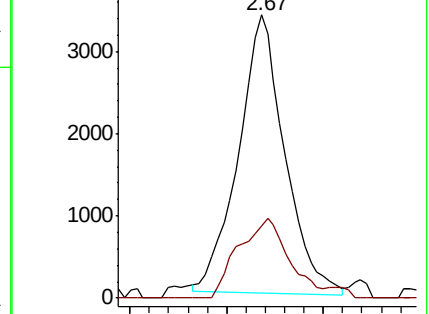
43 100

58 31.3 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU035789.D (-1867) (-)

Ion 58.00 (57.70 to 58.70): VU035789.D (-1867) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.125 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035789.D

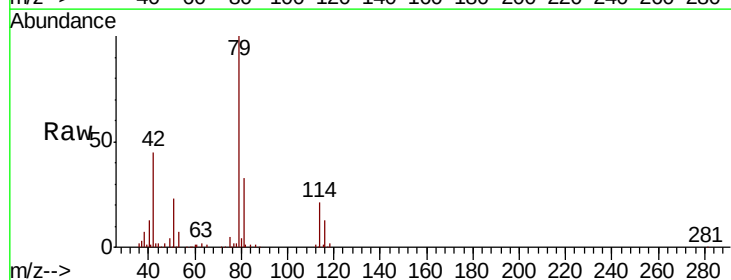
Acq: 20 Nov 2019 15:06

Tgt Ion: 75 Resp: 7883

Ion Ratio Lower Upper

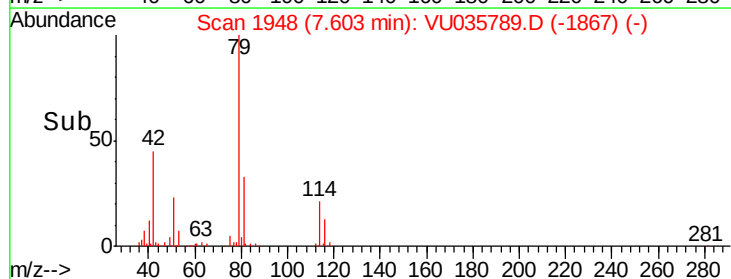
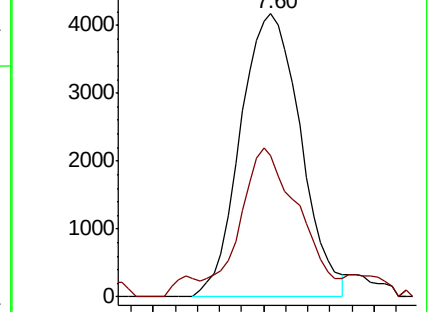
75 100

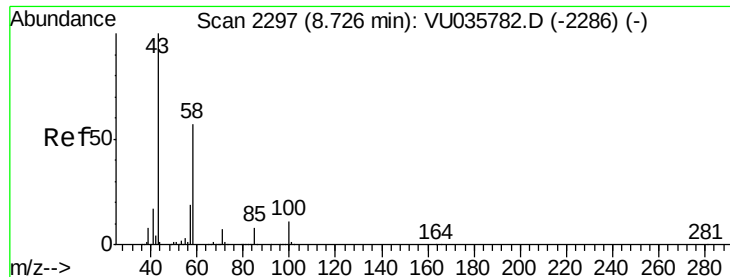
77 49.7 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU035789.D (-1867) (-)

Ion 77.00 (76.70 to 77.70): VU035789.D (-1867) (-)

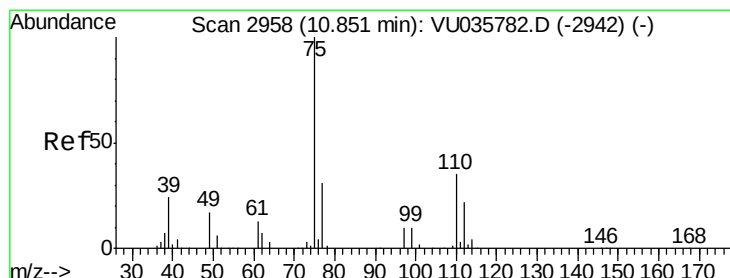
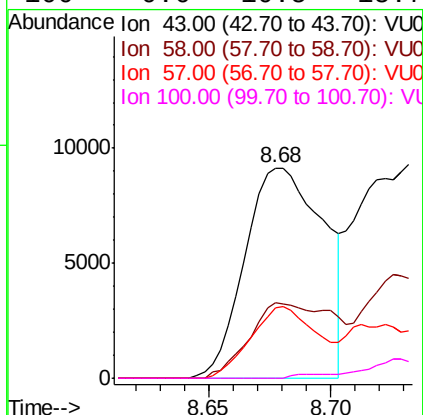
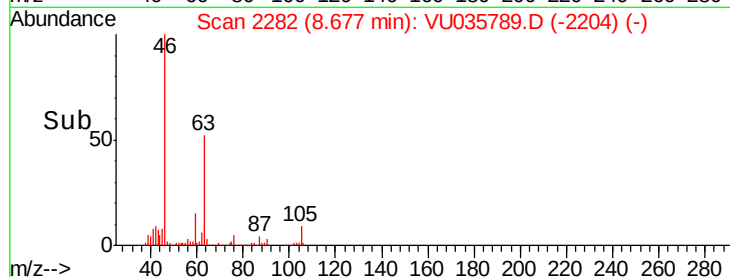
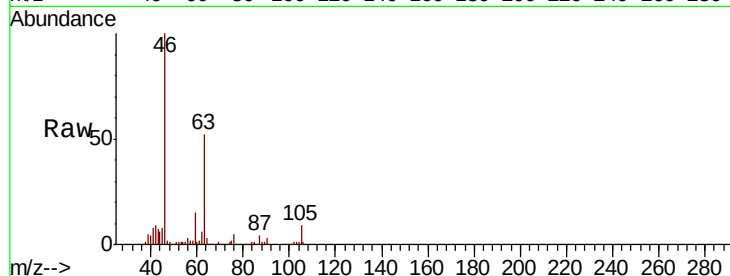




#48
 2-Hexanone
 Concen: 3.999 ug/L
 RT: 8.68 min Scan# 2282
 Delta R.T. -0.05 min
 Lab File: VU035789.D
 Acq: 20 Nov 2019 15:06

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 20503
 Ion Ratio Lower Upper
 43 100
 58 27.8 50.4 75.6#
 57 29.3 17.4 26.0#
 100 0.6 10.5 15.7#



#59
 1,2,3-Trichloropropane
 Concen: 3.904 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035789.D
 Acq: 20 Nov 2019 15:06

Tgt Ion: 75 Resp: 23988
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.7 38.5

