

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112019\
 Data File : VU035785.D
 Acq On : 20 Nov 2019 13:31
 Operator : JC/SP
 Sample : K5845-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 04:11:44 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	612670	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	619627	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	177643	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	222946	45.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.12%
7) Chloroethane-d5	1.93	69	194493	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.44%
11) 1,1-Dichloroethene-d2	2.59	63	296938	38.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.18%
21) 2-Butanone-d5	4.69	46	376391	130.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.22%#
24) Chloroform-d	5.11	84	418344	54.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.48%
26) 1,2-Dichloroethane-d4	5.75	65	289831	61.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.82%
32) Benzene-d6	5.77	84	828545	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.73	67	288226	55.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.06%
41) Toluene-d8	7.93	98	717102	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%
43) trans-1,3-Dichloropropene-	8.21	79	126567	52.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.92%
47) 2-Hexanone-d5	8.68	63	220076	109.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.63%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	392902	52.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.50%
64) 1,2-Dichlorobenzene-d4	12.22	152	187229	52.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.50%

Target Compounds

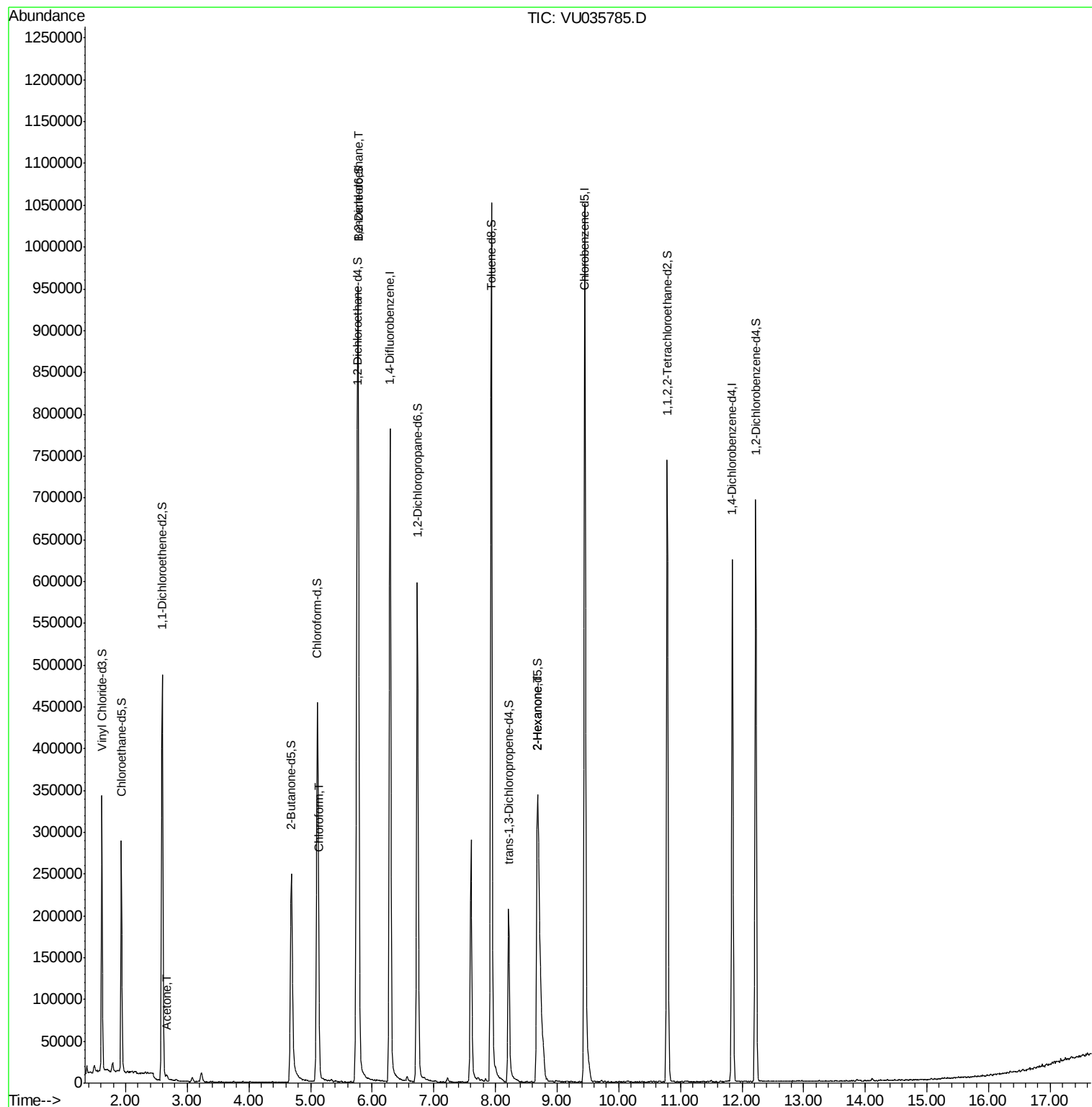
					Ovalue
13) Acetone	2.66	43	5149	2.025 ug/L	88
25) Chloroform	5.14	83	15351	1.988 ug/L	97
27) 1,2-Dichloroethane	5.77	62	5434	0.963 ug/L	97
48) 2-Hexanone	8.68	43	14598	2.877 ug/L #	56

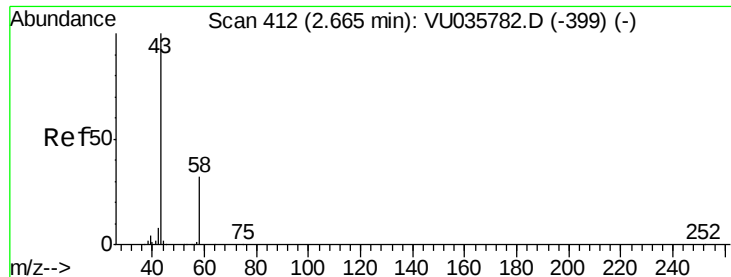
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.025 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU035785.D

Acq: 20 Nov 2019 13:31

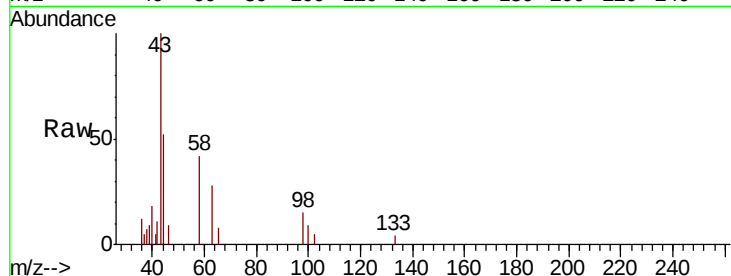
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 5149

Ion Ratio Lower Upper

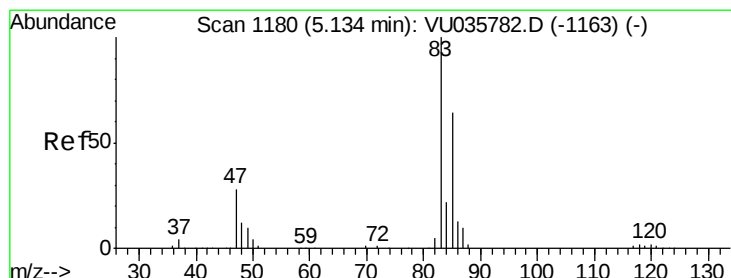
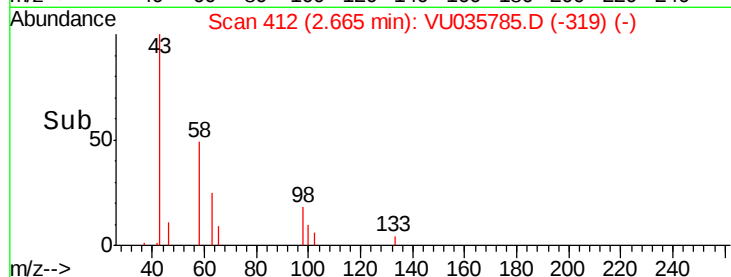
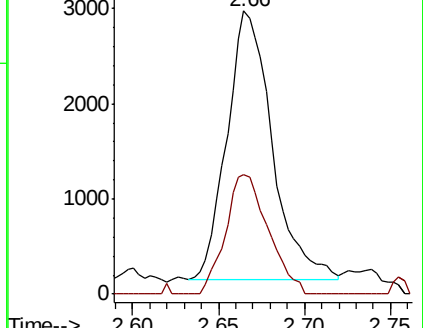
43 100

58 42.2 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU035782.D (-399) (-)

Ion 58.00 (57.70 to 58.70): VU035782.D (-399) (-)



#25

Chloroform

Concen: 1.988 ug/L

RT: 5.14 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VU035785.D

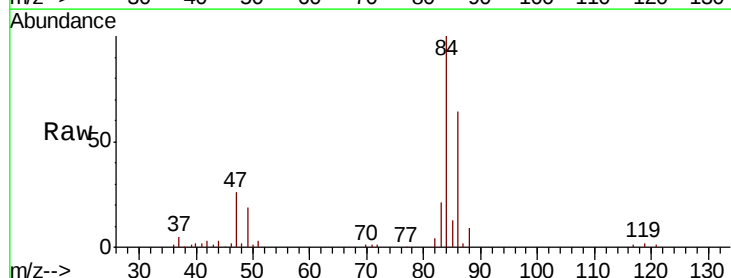
Acq: 20 Nov 2019 13:31

Tgt Ion: 83 Resp: 15351

Ion Ratio Lower Upper

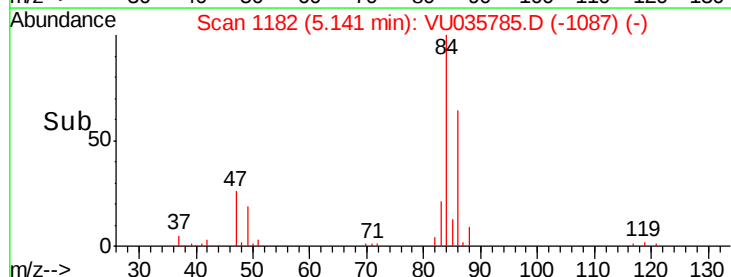
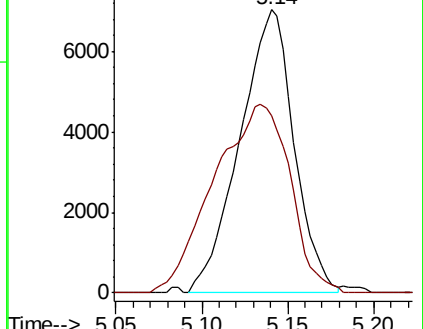
83 100

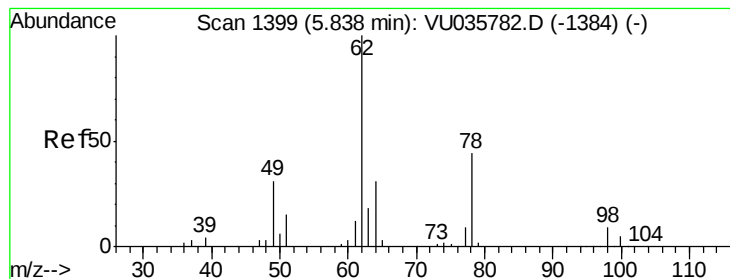
85 62.6 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU035782.D (-1163) (-)

Ion 85.00 (84.70 to 85.70): VU035782.D (-1163) (-)





#27

1,2-Dichloroethane

Concen: 0.963 ug/L

RT: 5.77 min Scan# 1378

Delta R.T. -0.07 min

Lab File: VU035785.D

Acq: 20 Nov 2019 13:31

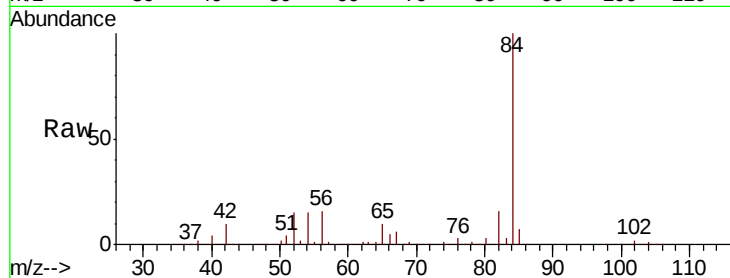
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 62 Resp: 5434

Ion Ratio Lower Upper

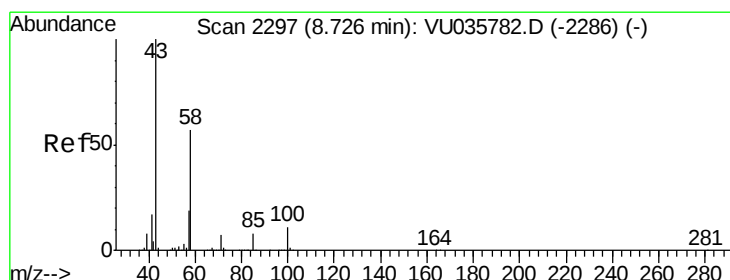
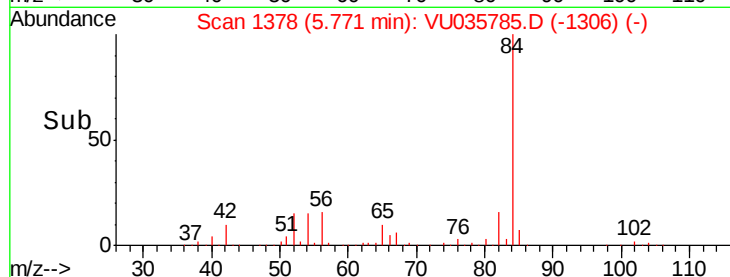
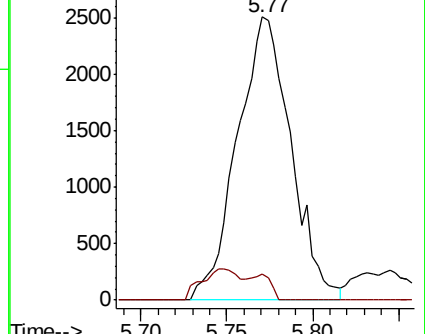
62 100

98 9.2 8.2 12.2



Abundance Ion 62.00 (61.70 to 62.70): VU035782.D (-1384) (-)

Ion 98.00 (97.70 to 98.70): VU035782.D (-1384) (-)



#48

2-Hexanone

Concen: 2.877 ug/L

RT: 8.68 min Scan# 2284

Delta R.T. -0.04 min

Lab File: VU035785.D

Acq: 20 Nov 2019 13:31

Tgt Ion: 43 Resp: 14598

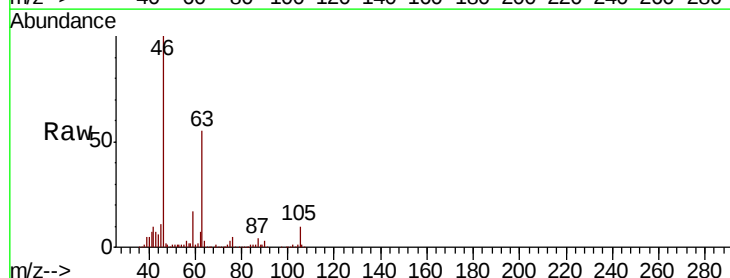
Ion Ratio Lower Upper

43 100

58 25.6 50.4 75.6#

57 0.0 17.4 26.0#

100 4.0 10.5 15.7#



Abundance Ion 43.00 (42.70 to 43.70): VU035782.D (-2286) (-)

Ion 58.00 (57.70 to 58.70): VU035782.D (-2286) (-)

Ion 57.00 (56.70 to 57.70): VU035782.D (-2286) (-)

Ion 100.00 (99.70 to 100.70): VU035782.D (-2286) (-)

