

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080819\
 Data File : VU033682.D
 Acq On : 09 Aug 2019 09:31
 Operator : JC/SP
 Sample : K4202-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 09 14:41:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 09 14:36:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	324124	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	321412	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	159670	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	142971	39.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.14%
7) Chloroethane-d5	1.67	69	121155	39.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.24%
11) 1,1-Dichloroethene-d2	2.26	63	191929	32.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.90%
21) 2-Butanone-d5	4.15	46	218669	81.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.60%
24) Chloroform-d	4.62	84	230450	38.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.02%
26) 1,2-Dichloroethane-d4	5.29	65	154917	39.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.24%
32) Benzene-d6	5.32	84	486234	40.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.14%
36) 1,2-Dichloropropane-d6	6.31	67	156576	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.18%
41) Toluene-d8	7.55	98	438722	39.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.18%#
43) trans-1,3-Dichloropropene-	7.83	79	73353	39.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.66%
47) 2-Hexanone-d5	8.29	63	161573	84.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.68%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	233029	39.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.18%
64) 1,2-Dichlorobenzene-d4	11.84	152	182104	41.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.48%

Target Compounds

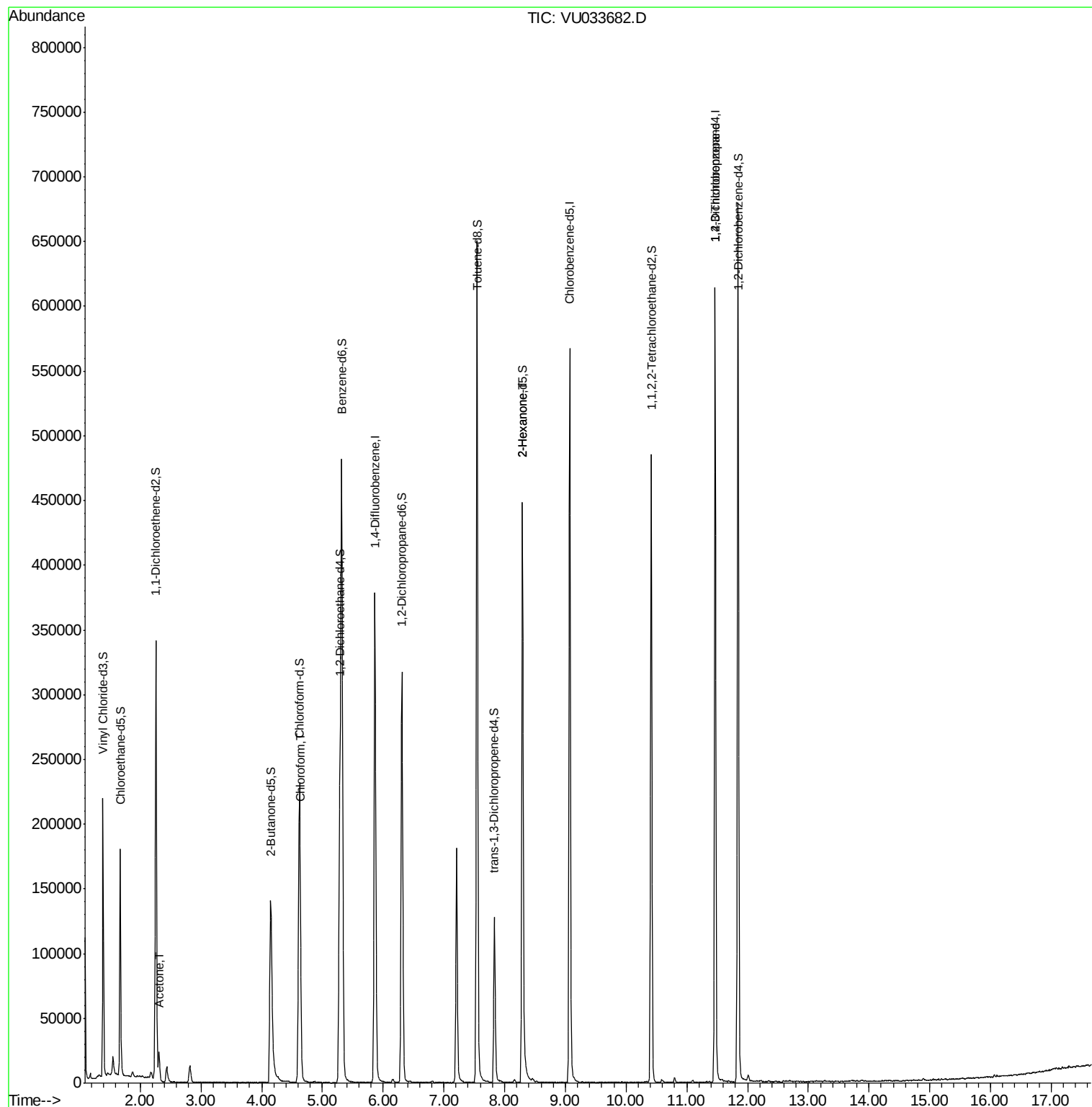
					Ovalue
13) Acetone	2.31	43	22824	12.521 ug/L	99
25) Chloroform	4.64	83	6014	1.232 ug/L	84
48) 2-Hexanone	8.30	43	18507	5.643 ug/L #	69
59) 1,2,3-Trichloropropane	11.47	75	17281	4.615 ug/L #	83

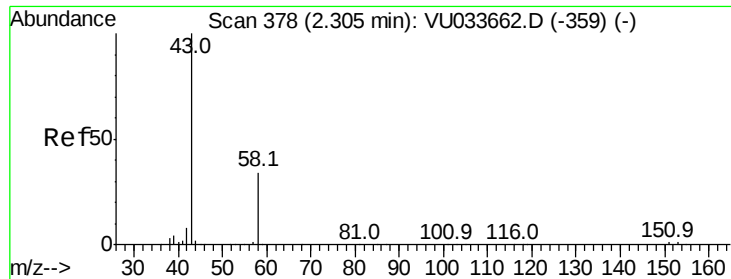
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.521 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033682.D

Acq: 09 Aug 2019 09:31

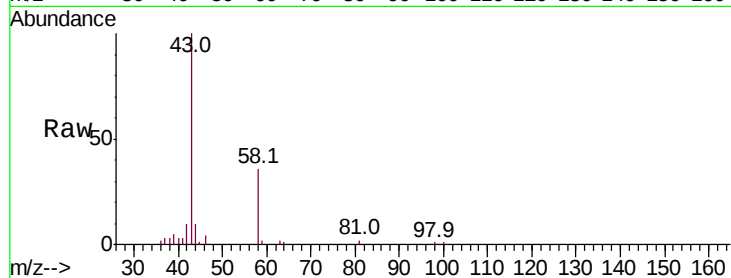
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 22824

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU033682.D (-1014) (-)

Ion 58.00 (57.70 to 58.70): VU033682.D (-1014) (-)

2.31

15000

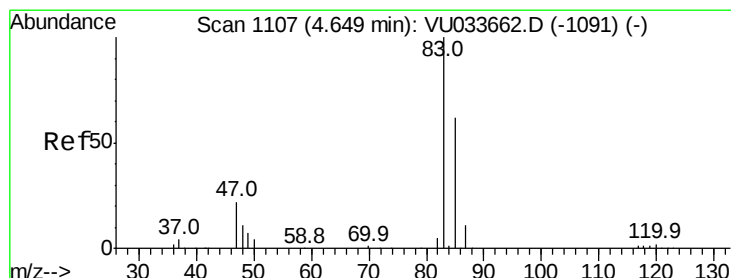
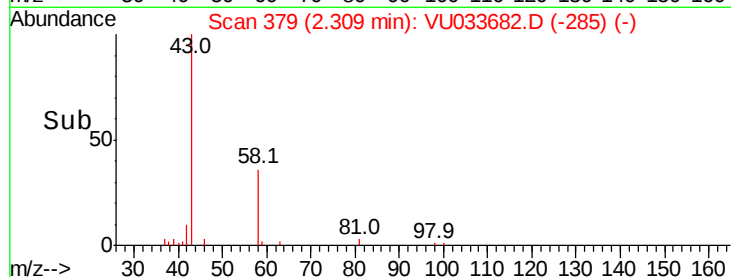
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#25

Chloroform

Concen: 1.232 ug/L

RT: 4.64 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VU033682.D

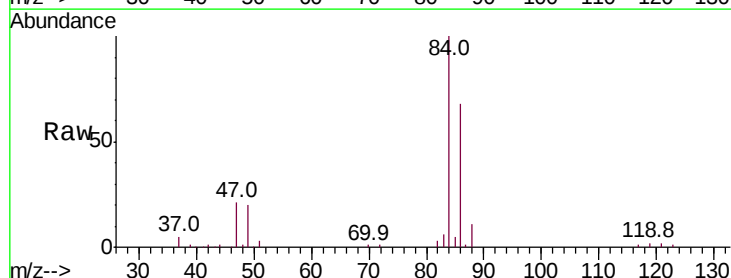
Acq: 09 Aug 2019 09:31

Tgt Ion: 83 Resp: 6014

Ion Ratio Lower Upper

83 100

85 80.1 47.2 87.6



Abundance Ion 83.00 (82.70 to 83.70): VU033682.D (-1014) (-)

Ion 85.00 (84.70 to 85.70): VU033682.D (-1014) (-)

4.64

2500

2000

1500

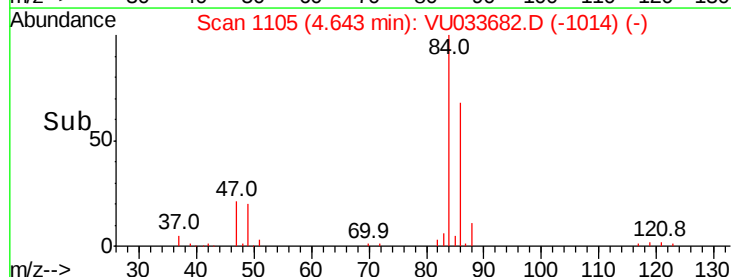
1000

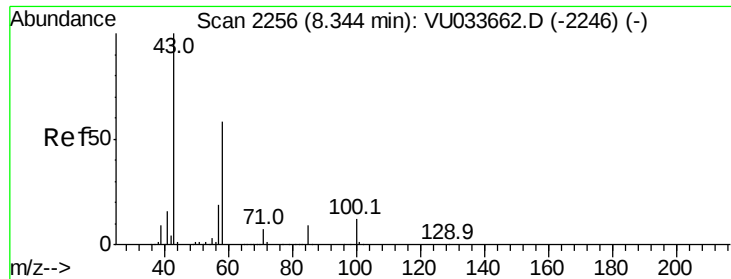
500

0

Time-->

4.60 4.65 4.70

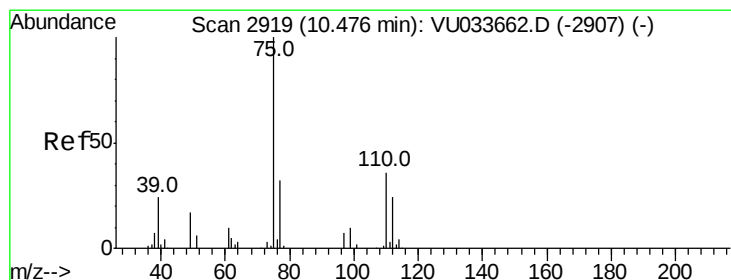
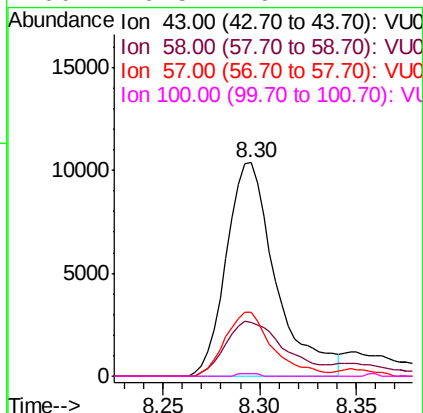
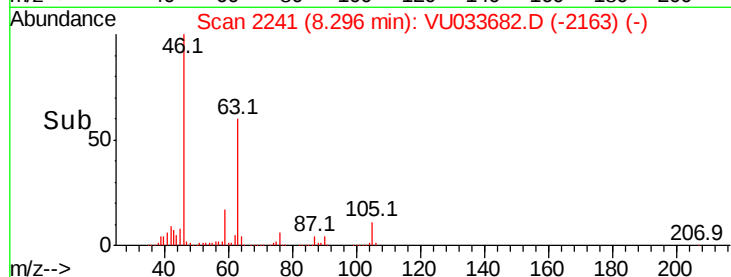
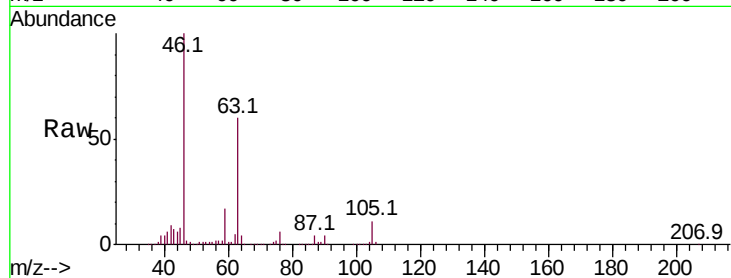




#48
2-Hexanone
Concen: 5.643 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU033682.D
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Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 18507
Ion Ratio Lower Upper
43 100
58 30.3 44.8 67.2#
57 29.0 15.5 23.3#
100 0.5 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 4.615 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033682.D
Acq: 09 Aug 2019 09:31

Tgt Ion: 75 Resp: 17281
Ion Ratio Lower Upper
75 100
77 41.3 25.5 38.3#

