

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111119\
 Data File : VU035686.D
 Acq On : 11 Nov 2019 12:44
 Operator : JC/SP
 Sample : K5784-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JLNC0

Quant Time: Nov 11 15:16:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 11 15:13:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	720920	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	690708	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	214155	50.00	ug/L	0.00

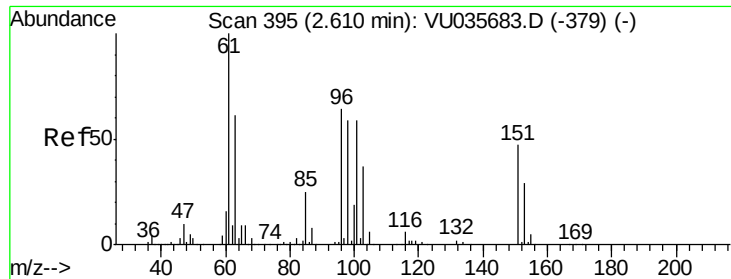
System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	264942	45.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.00%
7) Chloroethane-d5	1.93	69	229514	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.72%
11) 1,1-Dichloroethene-d2	2.60	63	323464	35.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.44%
21) 2-Butanone-d5	4.69	46	339467	99.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.81%
24) Chloroform-d	5.11	84	426550	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
26) 1,2-Dichloroethane-d4	5.75	65	271650	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
32) Benzene-d6	5.77	84	942189	52.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.66%
36) 1,2-Dichloropropane-d6	6.74	67	300973	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.10%
41) Toluene-d8	7.93	98	857290	50.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.96%
43) trans-1,3-Dichloropropene-	8.21	79	141568	52.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.28%
47) 2-Hexanone-d5	8.68	63	222865	99.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.59%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	397997	47.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.86%
64) 1,2-Dichlorobenzene-d4	12.22	152	226378	52.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.82%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3381	0.754 ug/L #	19
25) Chloroform	5.14	83	13284	1.462 ug/L	82
39) cis-1,3-Dichloropropene	7.60	75	7440	0.963 ug/L #	49
48) 2-Hexanone	8.73	43	29144	5.153 ug/L #	84

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.754 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampled :

JLNC0

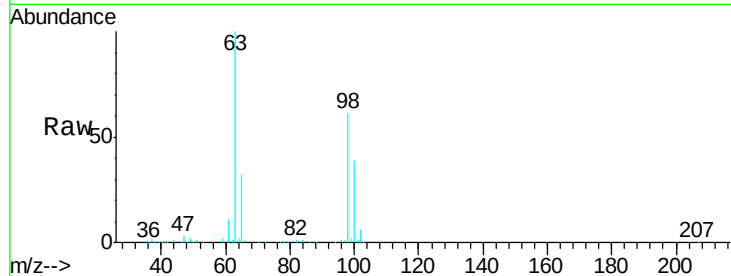
Tgt Ion:101 Resp: 3381

Ion Ratio Lower Upper

101 100

85 0.0 34.0 51.0#

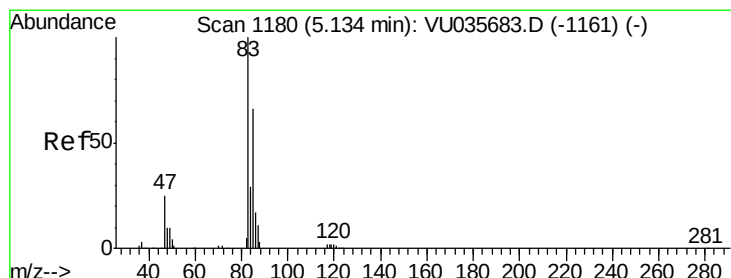
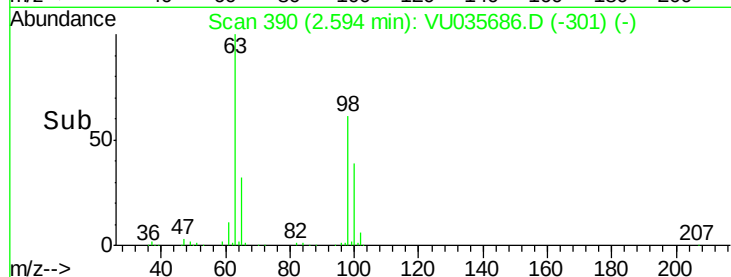
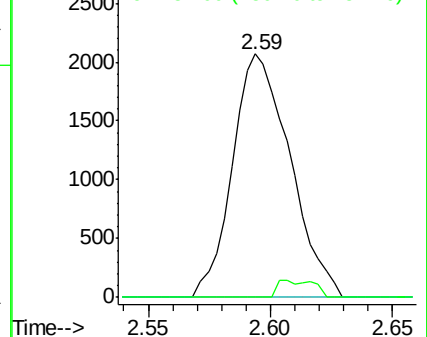
151 2.3 64.2 96.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 1.462 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

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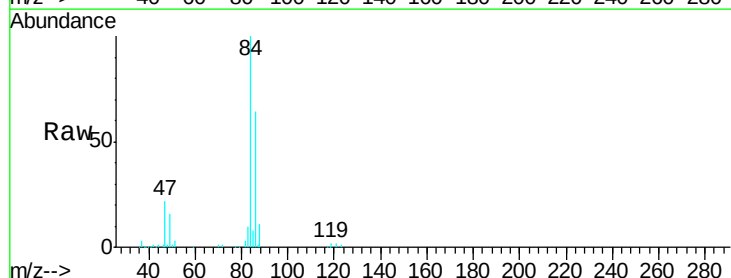
Acq: 11 Nov 2019 12:44

Tgt Ion: 83 Resp: 13284

Ion Ratio Lower Upper

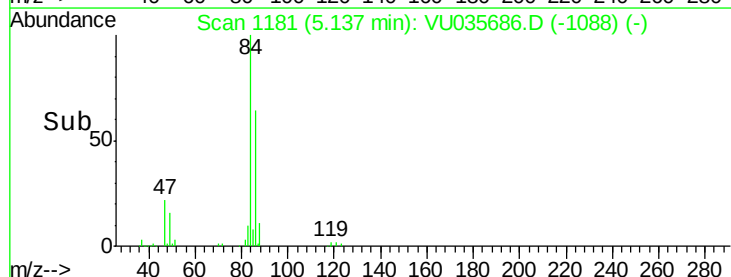
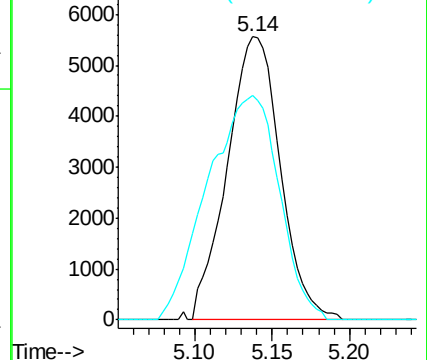
83 100

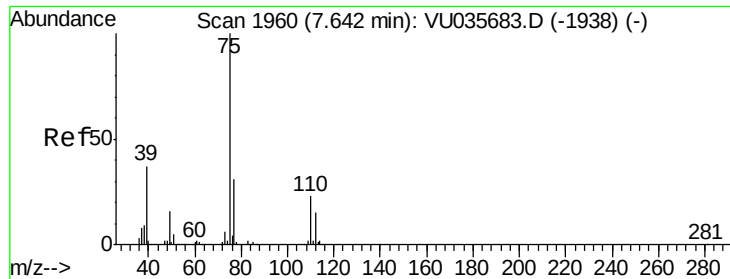
85 79.1 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

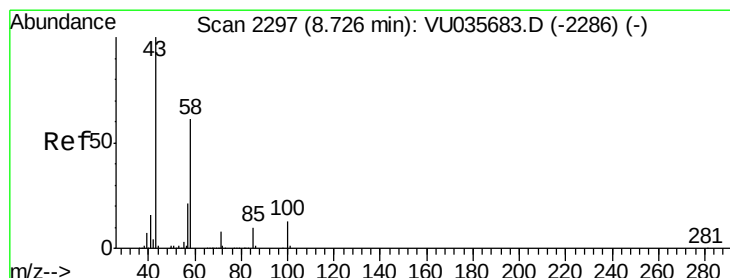
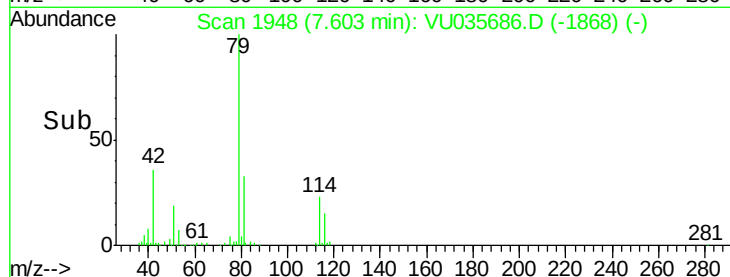
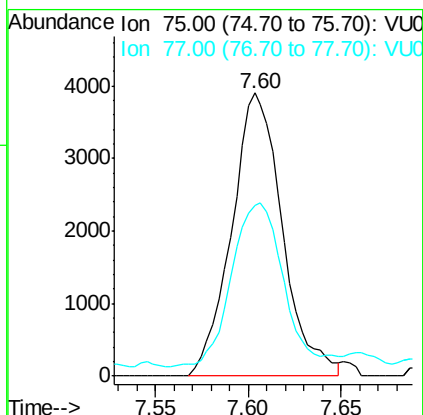
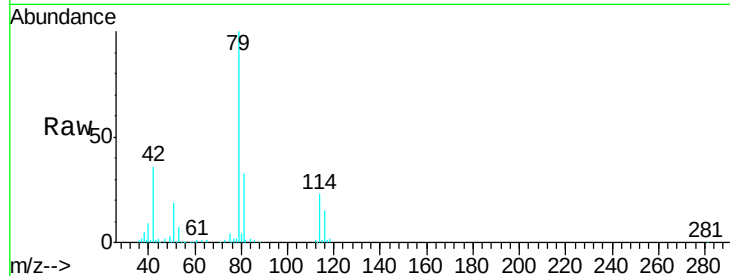




#39
 cis-1,3-Dichloropropene
 Concen: 0.963 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
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 JLNC0

Tgt Ion: 75 Resp: 7440
 Ion Ratio Lower Upper
 75 100
 77 60.5 22.3 41.5#



#48
 2-Hexanone
 Concen: 5.153 ug/L
 RT: 8.73 min Scan# 2298
 Delta R.T. 0.00 min
 Lab File: VU035686.D
 Acq: 11 Nov 2019 12:44

Tgt Ion: 43 Resp: 29144
 Ion Ratio Lower Upper
 43 100
 58 53.3 50.4 75.6
 57 10.0 17.4 26.0#
 100 5.8 10.5 15.7#

