

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011520\
 Data File : VU036477.D
 Acq On : 15 Jan 2020 18:15
 Operator : JC/MD
 Sample : L1139-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 06:00:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 05:57:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	451802	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	424304	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	151859	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	135084	46.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.24%
7) Chloroethane-d5	1.93	69	123760	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.62%
11) 1,1-Dichloroethene-d2	2.77	63	312	0.06	ug/L	0.17
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.12%#
21) 2-Butanone-d5	4.68	46	254941	101.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.23%
24) Chloroform-d	5.11	84	287989	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	5.75	65	200665	51.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.52%
32) Benzene-d6	5.77	84	557811	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.54%
36) 1,2-Dichloropropane-d6	6.73	67	187004	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.64%
41) Toluene-d8	7.93	98	521368	49.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.34%
43) trans-1,3-Dichloropropene-	8.21	79	93906	48.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.60%
47) 2-Hexanone-d5	8.67	63	183916	99.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.45%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	266959	49.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.36%
64) 1,2-Dichlorobenzene-d4	12.22	152	156478	52.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.62%

Target Compounds

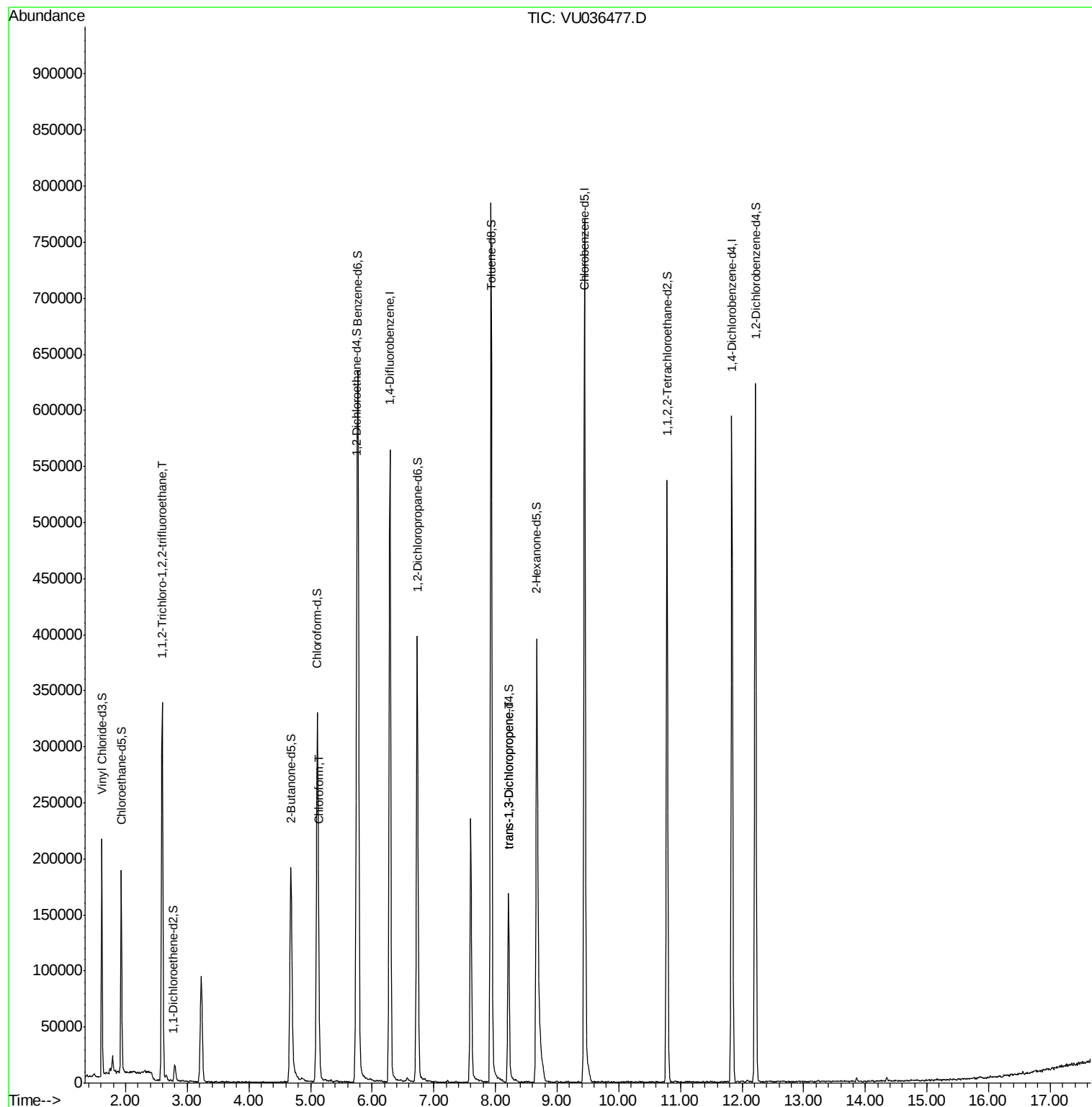
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2069	0.768 ug/L #	26
25) Chloroform	5.14	83	30463	5.168 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	5414	1.117 ug/L #	75

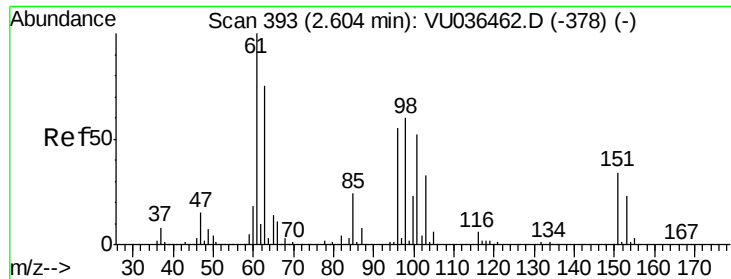
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.768 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

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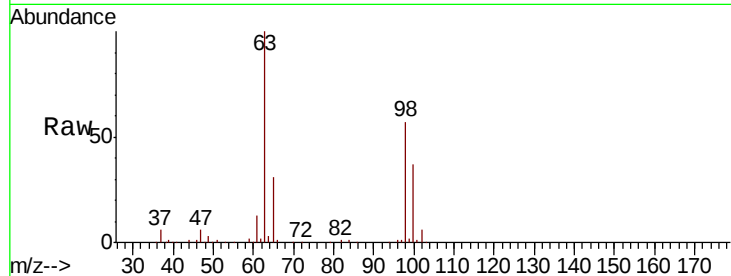
Tot Ion:101 Resp: 2069

Ion Ratio Lower Upper

101 100

85 3.3 36.7 55.1#

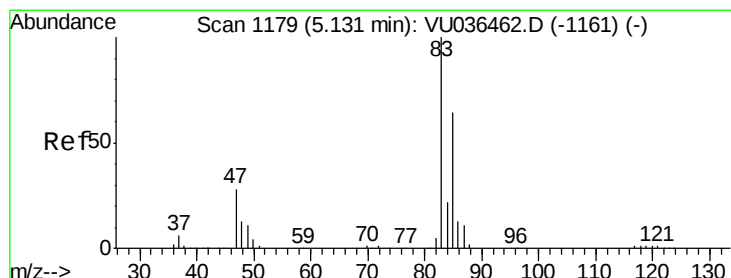
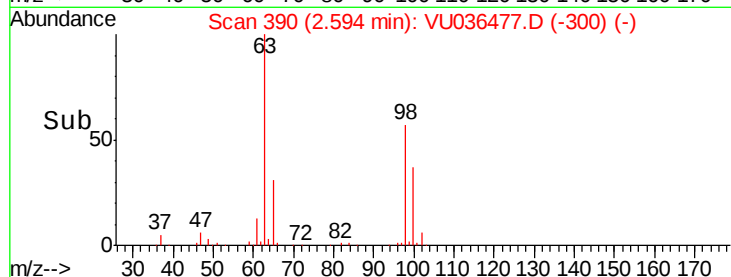
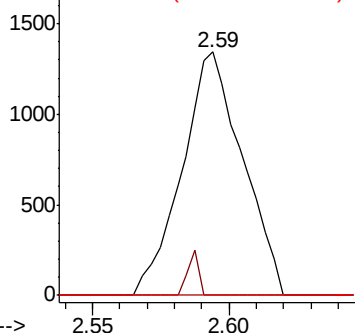
151 2.3 53.3 79.9#



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: 5.168 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.01 min

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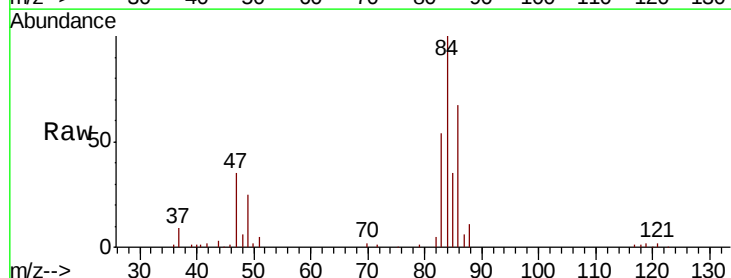
Acq: 15 Jan 2020 18:15

Tgt Ion: 83 Resp: 30463

Ion Ratio Lower Upper

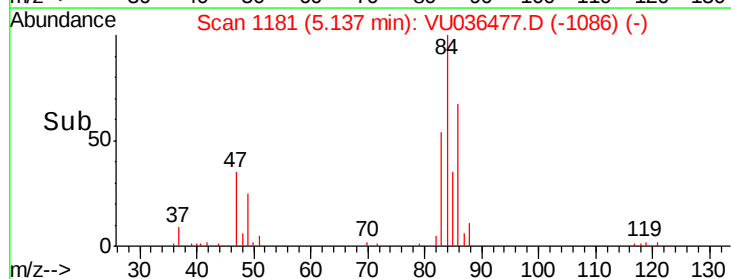
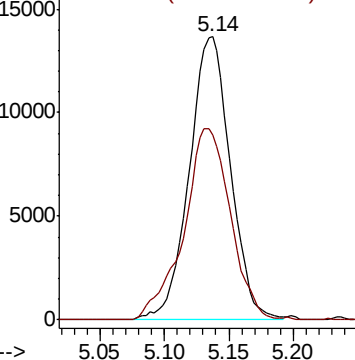
83 100

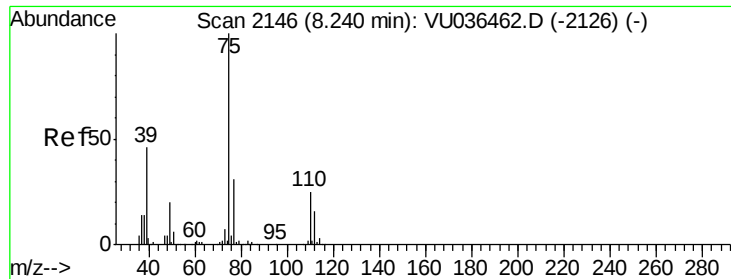
85 65.3 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 1.117 ug/L

RT: 8.21 min Scan# 2138

Delta R.T. -0.03 min

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Tot Ion: 75 Resp: 5414

Ion Ratio Lower Upper

75 100

77 45.1 21.8 40.4#

