

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
 Data File : VU036467.D
 Acq On : 15 Jan 2020 13:29
 Operator : JC/MD
 Sample : L1117-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFR08

Quant Time: Jan 15 14:43:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 14:19:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	363317	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	352468	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	131739	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	146999	62.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	124.82%
7) Chloroethane-d5	1.93	69	127548	62.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.10%
11) 1,1-Dichloroethene-d2	2.59	63	218611	48.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.66%
21) 2-Butanone-d5	4.68	46	257062	126.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.93%
24) Chloroform-d	5.11	84	299650	63.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	127.80%#
26) 1,2-Dichloroethane-d4	5.75	65	206436	66.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.44%#
32) Benzene-d6	5.77	84	595963	64.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.30%#
36) 1,2-Dichloropropane-d6	6.73	67	193807	64.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	129.30%#
41) Toluene-d8	7.93	98	546911	62.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	125.46%#
43) trans-1,3-Dichloropropene-	8.21	79	99939	61.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	123.76%
47) 2-Hexanone-d5	8.67	63	184455	120.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.07%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	280443	62.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	124.38%#
64) 1,2-Dichlorobenzene-d4	12.22	152	164477	63.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	126.78%#

Target Compounds

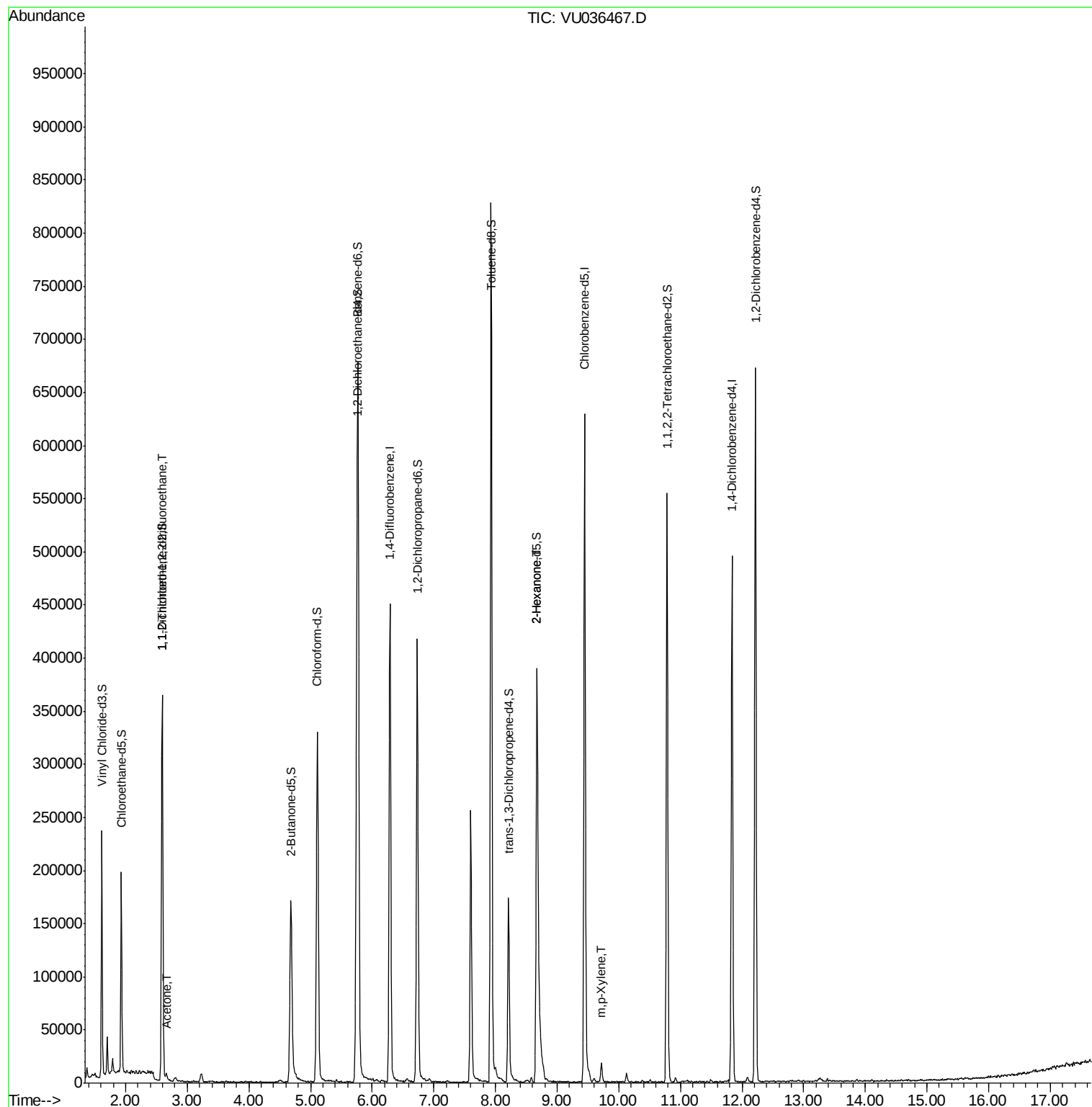
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2052	0.947 ug/L #	22
13) Acetone	2.66	43	6758	3.083 ug/L	86
48) 2-Hexanone	8.67	43	19461	5.698 ug/L #	56
53) m,p-Xylene	9.72	106	4986	1.085 ug/L	98

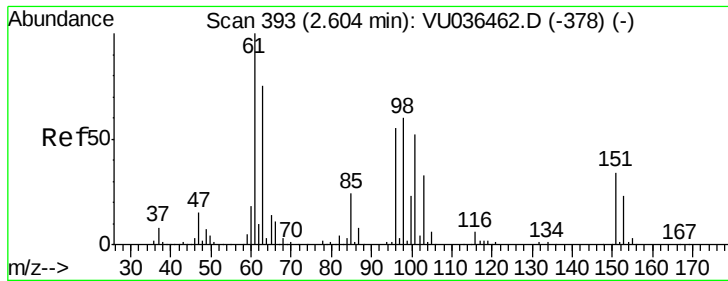
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.947 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampled :

BFRC8

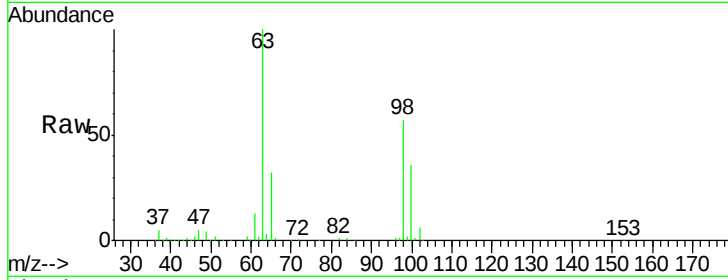
Tgt Ion:101 Resp: 2052

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

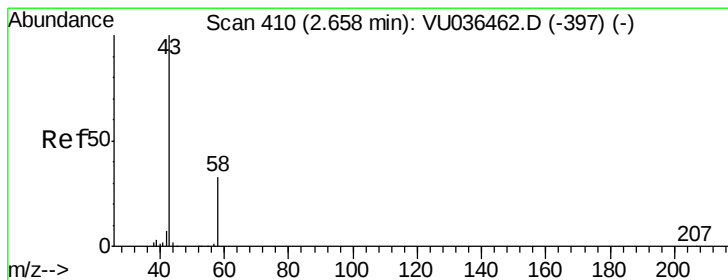
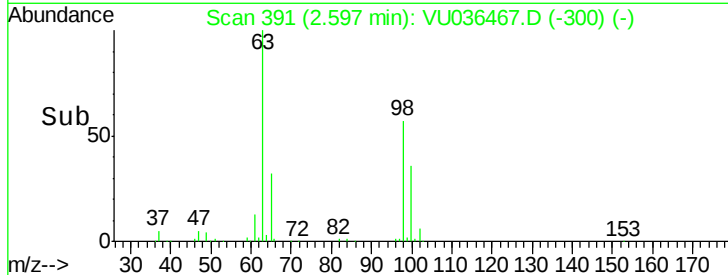
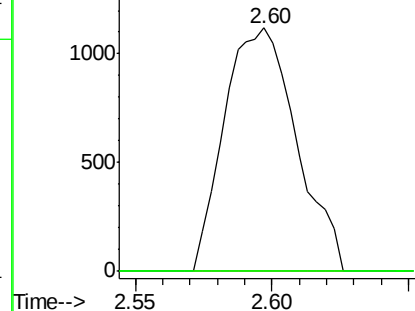
151 0.0 53.3 79.9#



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



#13

Acetone

Concen: 3.083 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

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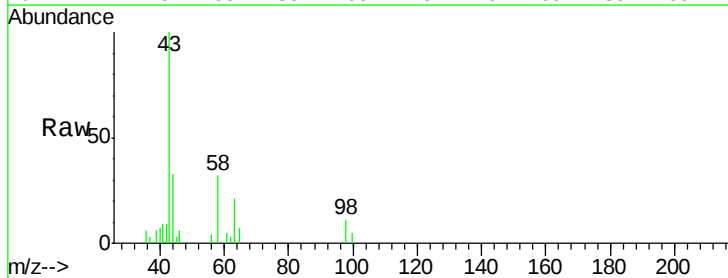
Acq: 15 Jan 2020 13:29

Tgt Ion: 43 Resp: 6758

Ion Ratio Lower Upper

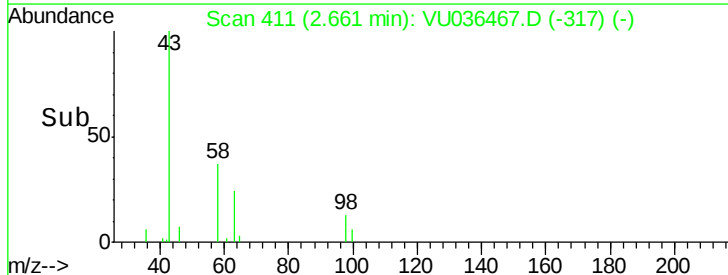
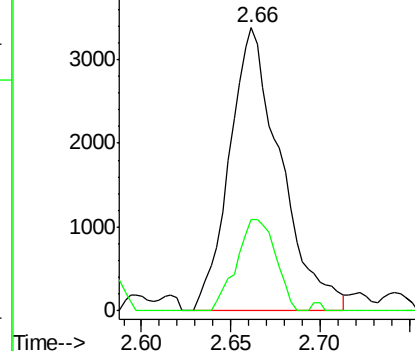
43 100

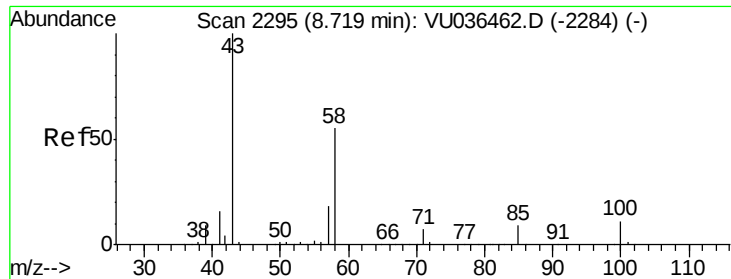
58 24.6 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

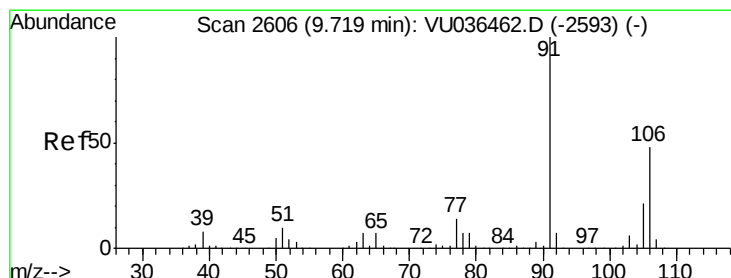
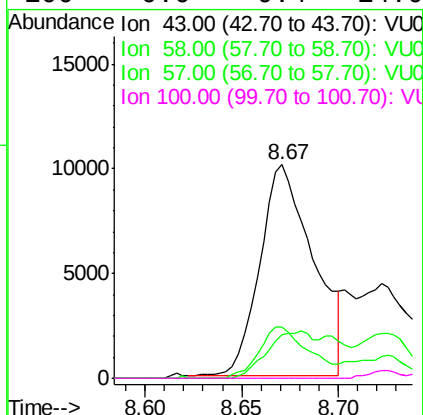
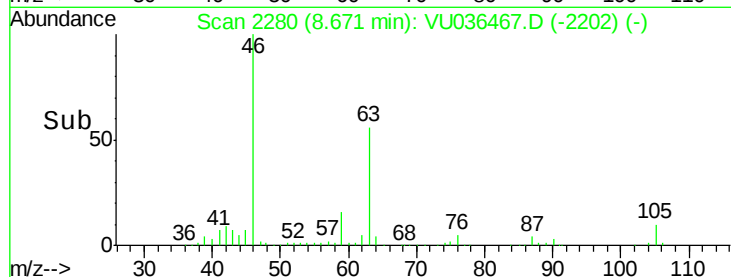
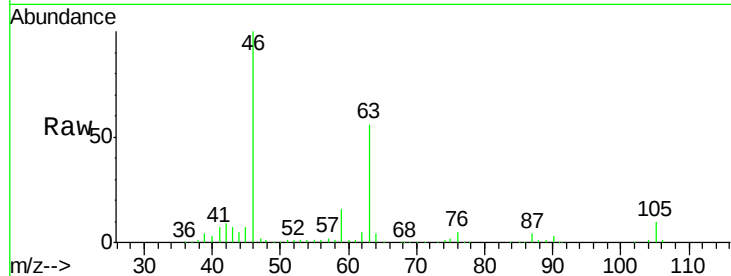




#48
2-Hexanone
Concen: 5.698 ug/L
RT: 8.67 min Scan# 2280
Delta R.T. -0.05 min
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BFRC8

Tgt Ion: 43 Resp: 19461
Ion Ratio Lower Upper
43 100
58 12.2 43.7 65.5#
57 22.1 14.7 22.1
100 0.0 9.4 14.0#



#53
m,p-Xylene
Concen: 1.085 ug/L
RT: 9.72 min Scan# 2605
Delta R.T. -0.00 min
Lab File: VU036467.D
Acq: 15 Jan 2020 13:29

Tgt Ion: 106 Resp: 4986
Ion Ratio Lower Upper
106 100
91 211.7 145.9 270.9

