

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011520\
 Data File : VU036470.D
 Acq On : 15 Jan 2020 14:44
 Operator : JC/MD
 Sample : L1117-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFRC9

Quant Time: Jan 15 15:25:22 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	484545	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	446098	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	160680	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	142990	45.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.04%
7) Chloroethane-d5	1.93	69	127333	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.64%
11) 1,1-Dichloroethene-d2	2.59	63	207648	34.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.84%
21) 2-Butanone-d5	4.68	46	239774	88.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.78%
24) Chloroform-d	5.11	84	289767	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
26) 1,2-Dichloroethane-d4	5.75	65	200174	48.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.28%
32) Benzene-d6	5.77	84	572421	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
36) 1,2-Dichloropropane-d6	6.73	67	185868	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.98%
41) Toluene-d8	7.93	98	532263	48.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.48%
43) trans-1,3-Dichloropropene-	8.21	79	95247	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.20%
47) 2-Hexanone-d5	8.67	63	167341	86.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.06%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	265493	46.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.04%
64) 1,2-Dichlorobenzene-d4	12.22	152	150561	47.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.14%

Target Compounds

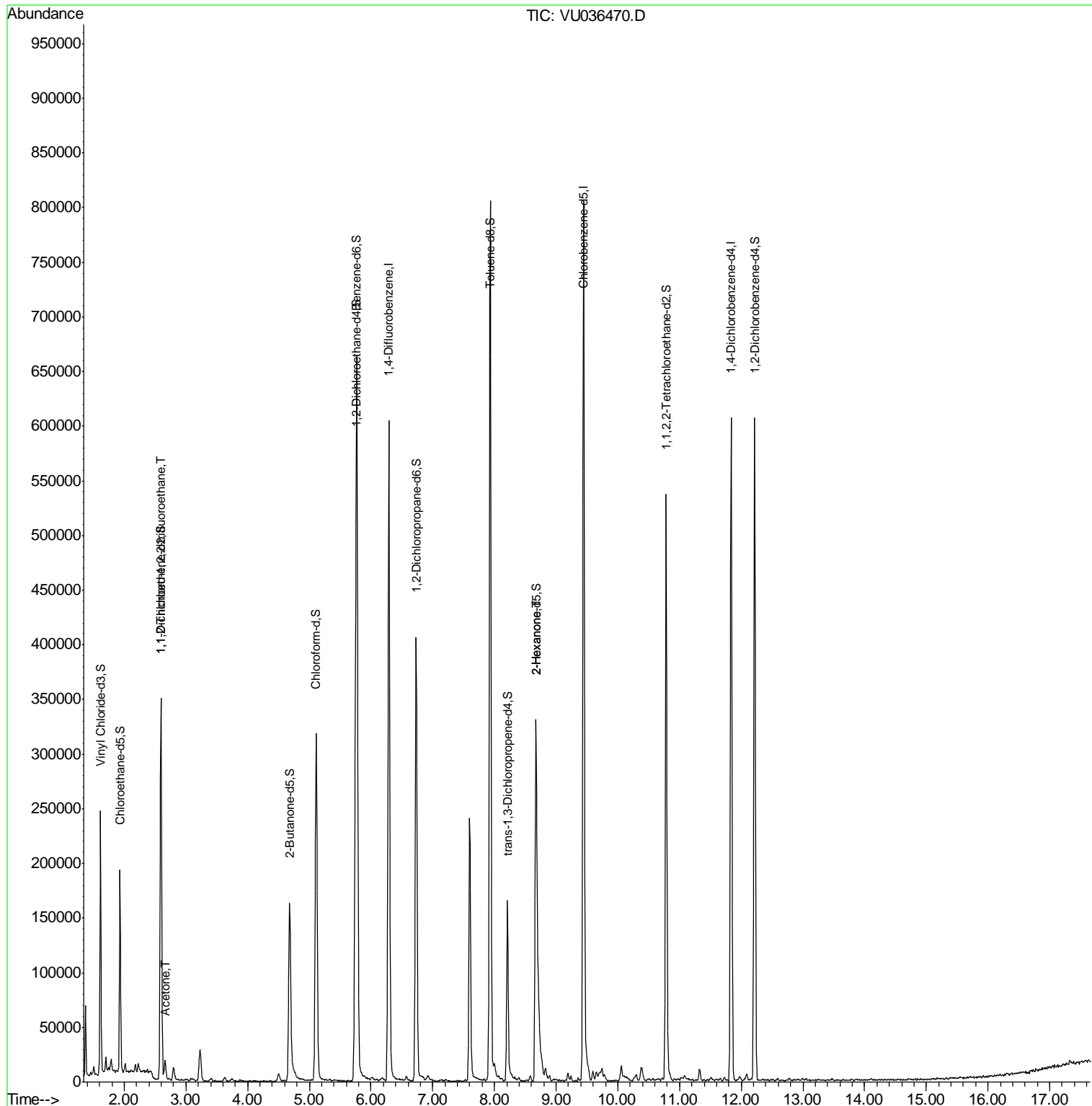
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2173	0.752	ug/L #	24
13) Acetone	2.66	43	17251	5.902	ug/L	99
48) 2-Hexanone	8.67	43	16574	3.834	ug/L #	67

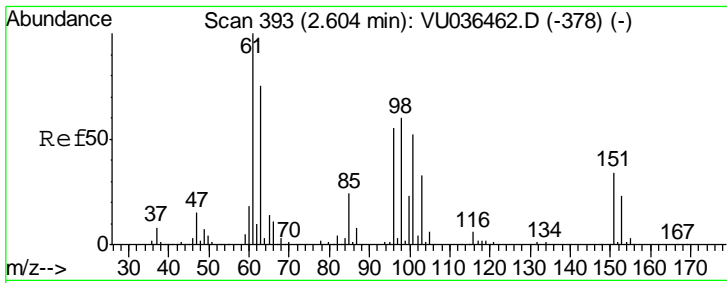
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.752 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036470.D

Acq: 15 Jan 2020 14:44

Instrument :
MSVOA_U
ClientSampled :
BFRC9

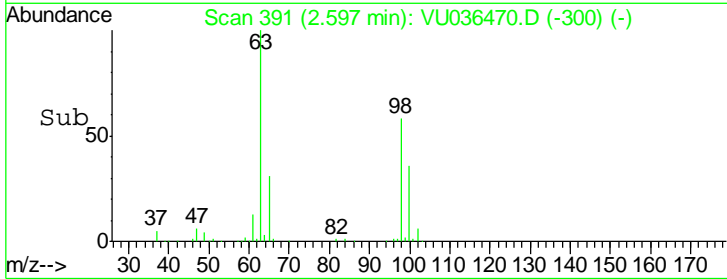
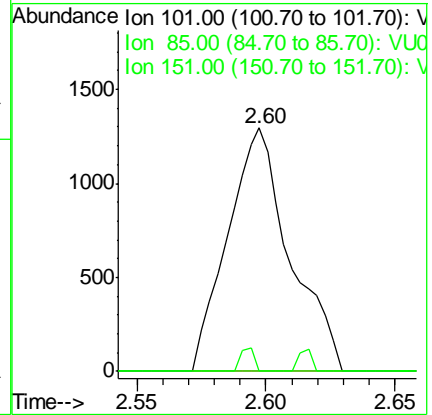
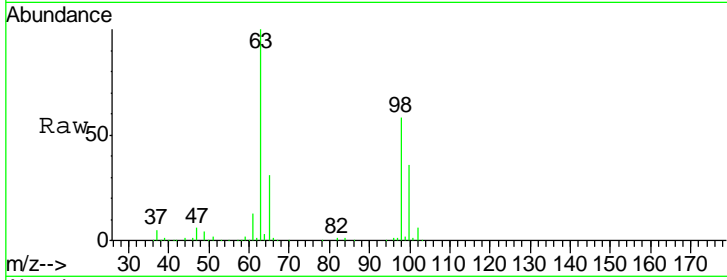
Tgt Ion: 101 Resp: 2173

Ion Ratio Lower Upper

101 100

85 2.1 36.7 55.1#

151 0.0 53.3 79.9#



#13

Acetone

Concen: 5.902 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

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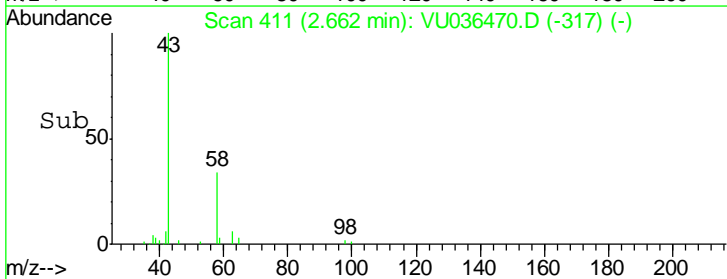
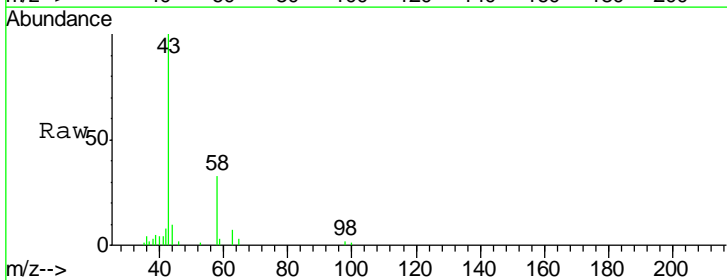
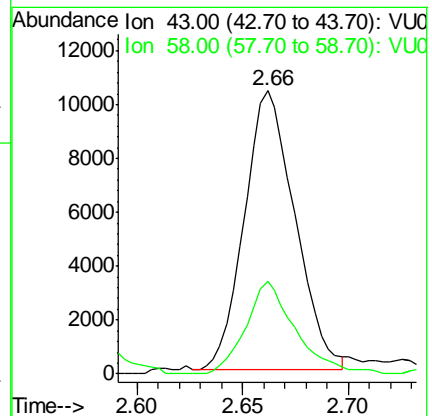
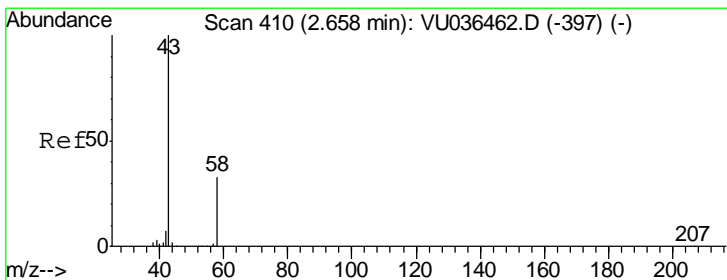
Acq: 15 Jan 2020 14:44

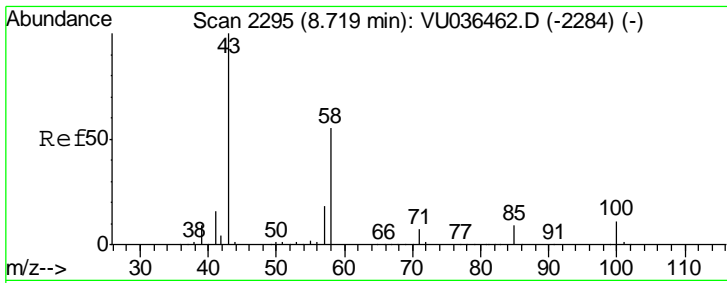
Tgt Ion: 43 Resp: 17251

Ion Ratio Lower Upper

43 100

58 31.8 0.0 65.0





#48
 2-Hexanone
 Concen: 3.834 ug/L
 RT: 8.67 min Scan# 2281
 Delta R.T. -0.04 min
 Lab File: VU036470.D
 Acq: 15 Jan 2020 14:44

Instrument :
 MSVOA_U
 ClientSampled :
 BFRC9

Tgt Ion: 43 Resp: 16574

Ion	Ratio	Lower	Upper
43	100		
58	24.7	43.7	65.5#
57	23.1	14.7	22.1#
100	0.0	9.4	14.0#

