

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110719\
 Data File : VU035677.D
 Acq On : 07 Nov 2019 22:03
 Operator : JC/SP
 Sample : K5697-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA3

Quant Time: Nov 08 06:17:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 08 06:13:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	678554	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	654439	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	186427	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	271737	49.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.16%
7) Chloroethane-d5	1.93	69	224561	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.62%
11) 1,1-Dichloroethene-d2	2.60	63	321108	37.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.34%
21) 2-Butanone-d5	4.69	46	323660	101.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.10%
24) Chloroform-d	5.11	84	424719	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
26) 1,2-Dichloroethane-d4	5.75	65	267392	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.14%
32) Benzene-d6	5.77	84	913511	53.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.10%
36) 1,2-Dichloropropane-d6	6.74	67	288817	52.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.42%
41) Toluene-d8	7.93	98	816858	50.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.54%
43) trans-1,3-Dichloropropene-	8.21	79	126828	49.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.54%
47) 2-Hexanone-d5	8.68	63	204644	96.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.52%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	386031	49.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.14%
64) 1,2-Dichlorobenzene-d4	12.22	152	209651	55.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.52%

Target Compounds

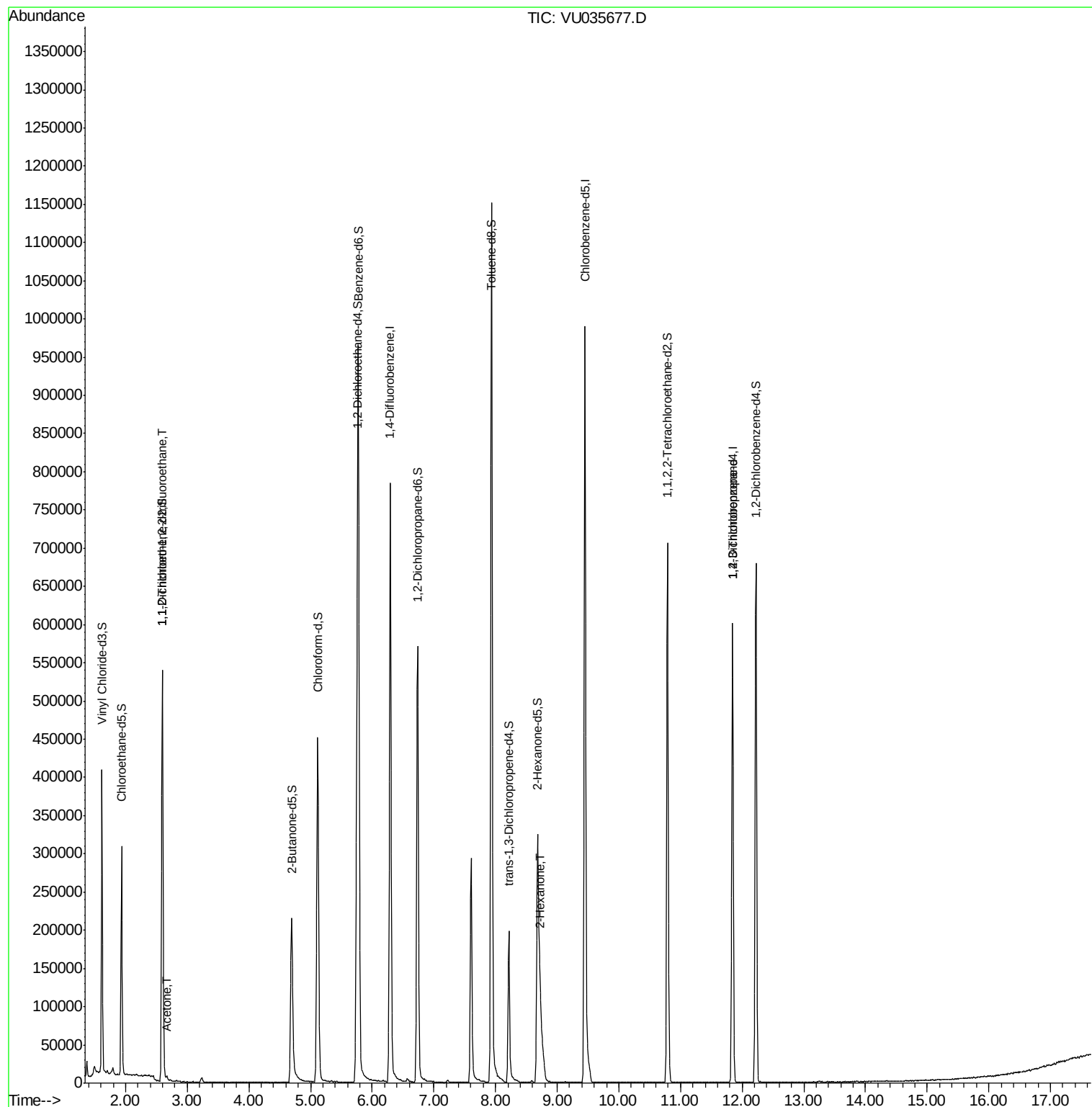
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3045	0.722 ug/L #	17
13) Acetone	2.67	43	5770	2.049 ug/L	95
48) 2-Hexanone	8.73	43	23585	4.401 ug/L #	68
59) 1,2,3-Trichloropropane	11.84	75	20521	3.195 ug/L	94

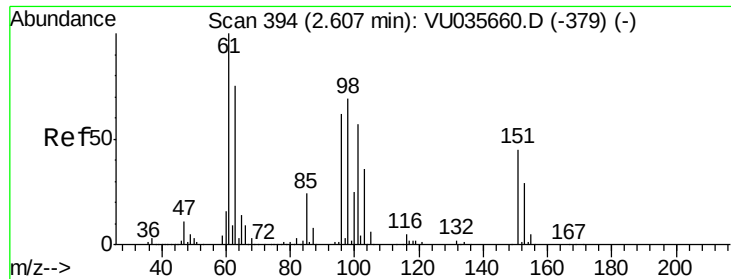
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 08 06:13:27 2019
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#10

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

Concen: 0.722 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

H0AA3

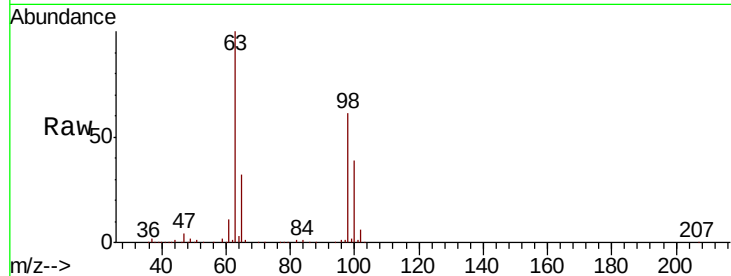
Tot Ion:101 Resp: 3045

Ion Ratio Lower Upper

101 100

85 0.0 34.0 51.0#

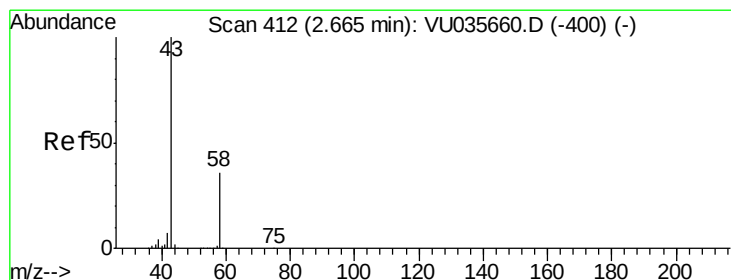
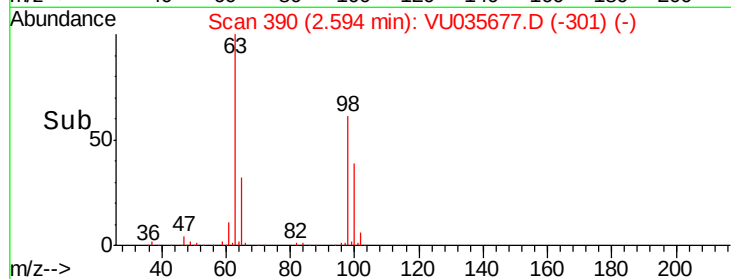
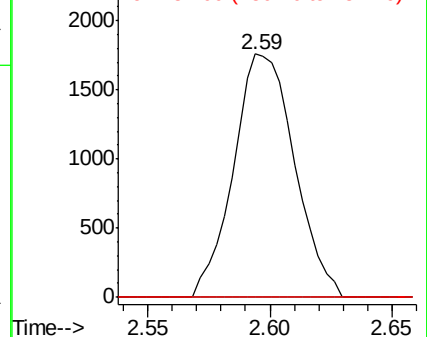
151 0.0 64.2 96.4#



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



#13

Acetone

Concen: 2.049 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU035677.D

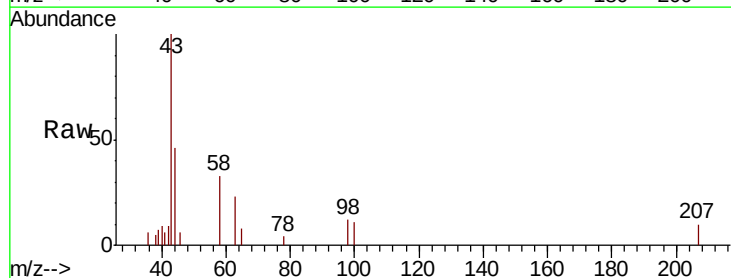
Acq: 07 Nov 2019 22:03

Tgt Ion: 43 Resp: 5770

Ion Ratio Lower Upper

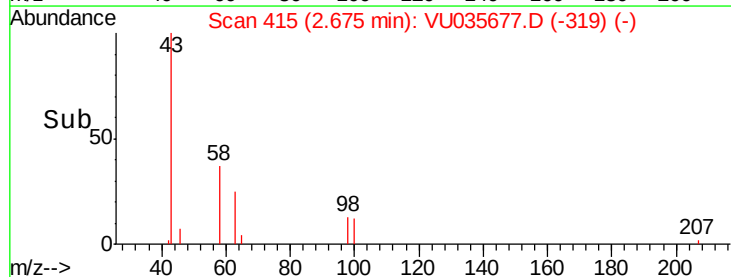
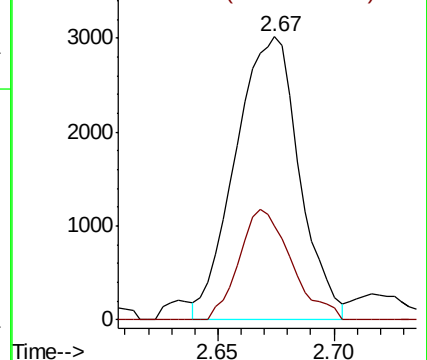
43 100

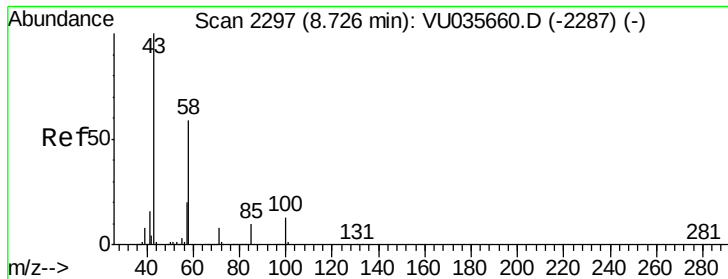
58 31.9 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

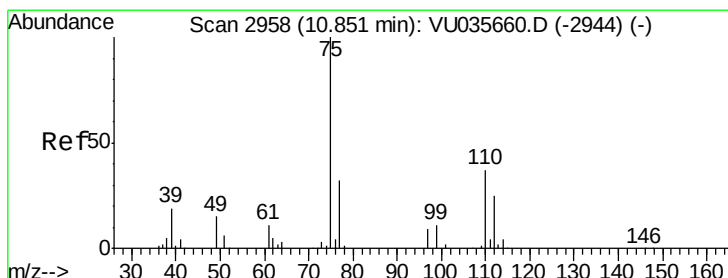
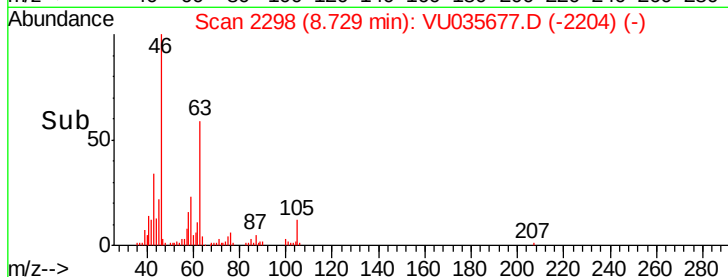
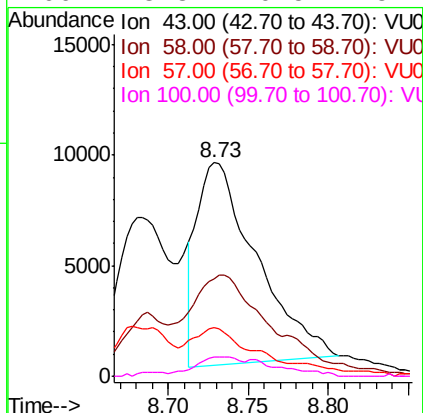
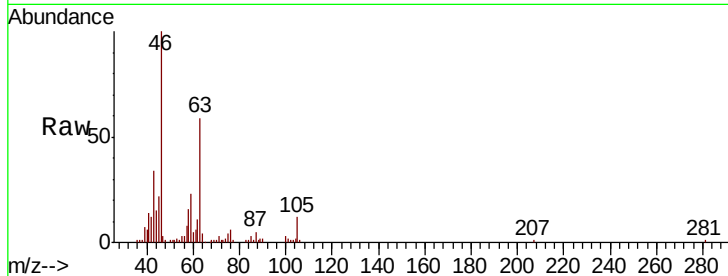




#48
2-Hexanone
Concen: 4.401 ug/L
RT: 8.73 min Scan# 2298
Delta R.T. 0.00 min
Lab File: VU035677.D
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Instrument :
MSVOA_U
ClientSampled :
H0AA3

Tot Ion: 43 Resp: 23585
Ion Ratio Lower Upper
43 100
58 32.3 50.4 75.6#
57 15.0 17.4 26.0#
100 3.8 10.5 15.7#



#59
1,2,3-Trichloropropane
Concen: 3.195 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035677.D
Acq: 07 Nov 2019 22:03

Tgt Ion: 75 Resp: 20521
Ion Ratio Lower Upper
75 100
77 35.7 25.7 38.5

