

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010920\
 Data File : VU036417.D
 Acq On : 09 Jan 2020 14:12
 Operator : JC/MD
 Sample : L1042-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 10 04:09:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 10 04:07:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	518142	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	492667	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	194826	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	141965	35.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.32%
7) Chloroethane-d5	1.93	69	136235	40.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	2.59	63	230115	33.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.92%
21) 2-Butanone-d5	4.68	46	271704	90.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.37%
24) Chloroform-d	5.11	84	320393	45.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.94%
26) 1,2-Dichloroethane-d4	5.75	65	228479	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
32) Benzene-d6	5.77	84	650253	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
36) 1,2-Dichloropropane-d6	6.73	67	220574	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.90%
41) Toluene-d8	7.93	98	615592	46.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.50%
43) trans-1,3-Dichloropropene-	8.21	79	110897	44.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.86%
47) 2-Hexanone-d5	8.67	63	202367	85.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.30%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	309113	44.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.62%
64) 1,2-Dichlorobenzene-d4	12.22	152	190570	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%

Target Compounds

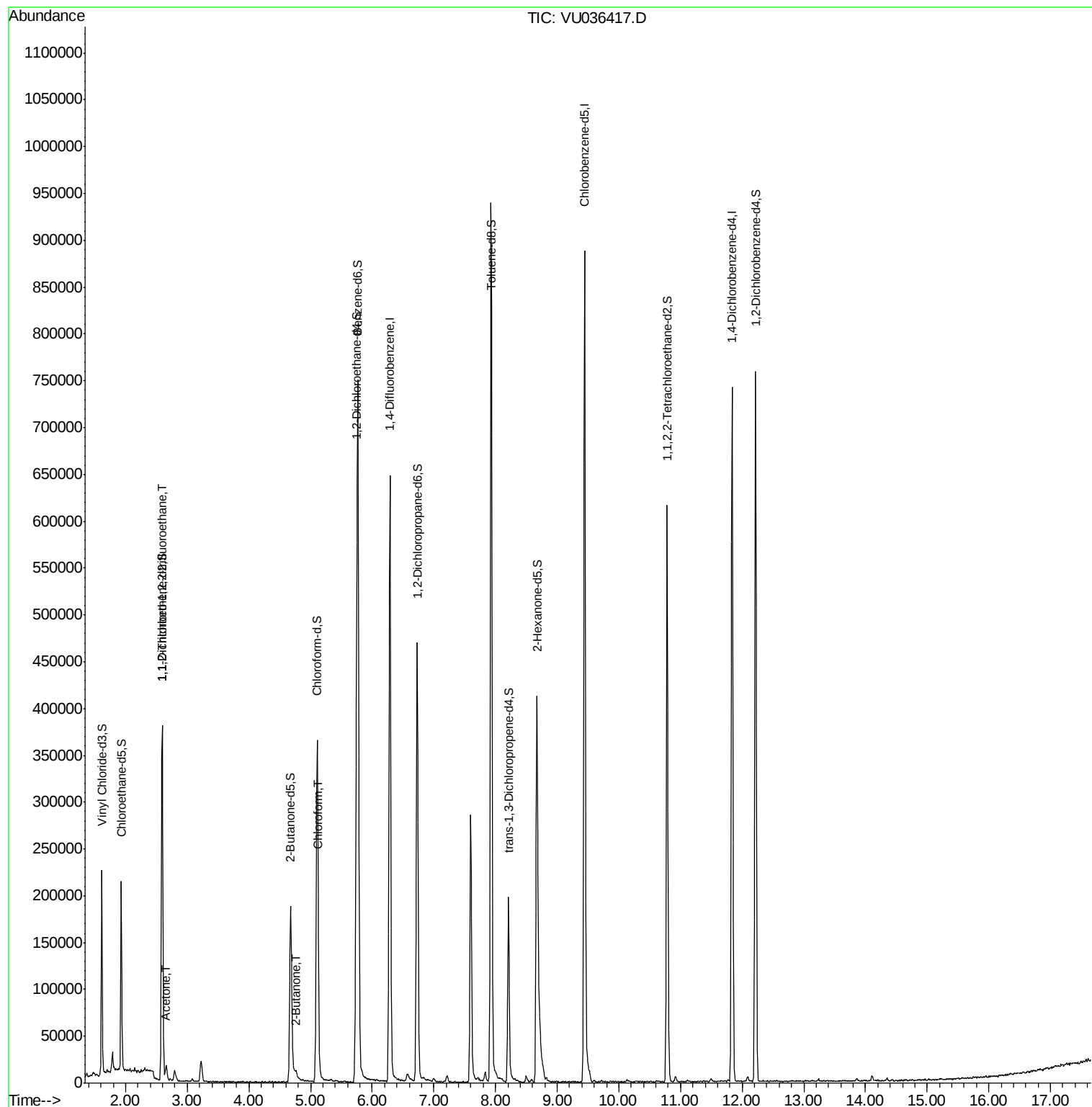
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2227	0.732 ug/L #	23
13) Acetone	2.66	43	15802	5.067 ug/L	99
22) 2-Butanone	4.76	43	9259	2.513 ug/L #	58
25) Chloroform	5.13	83	9798	1.417 ug/L	99

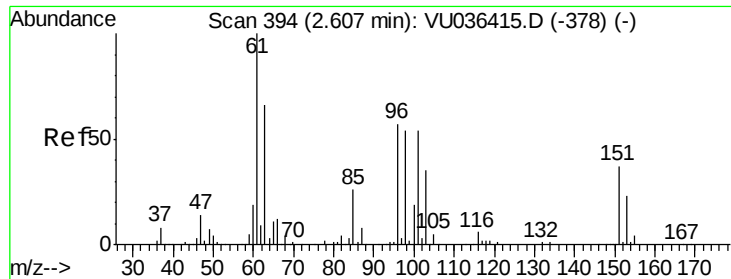
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.732 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036417.D

Acq: 09 Jan 2020 14:12

Instrument :

MSVOA_U

ClientSampleId :

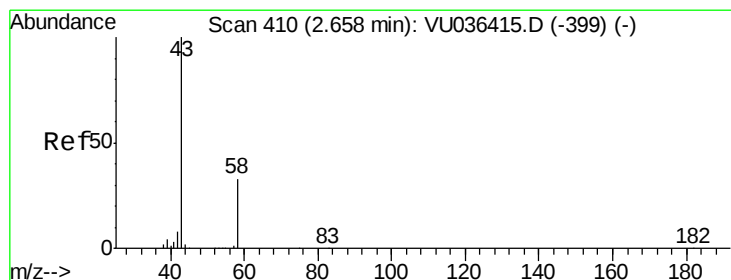
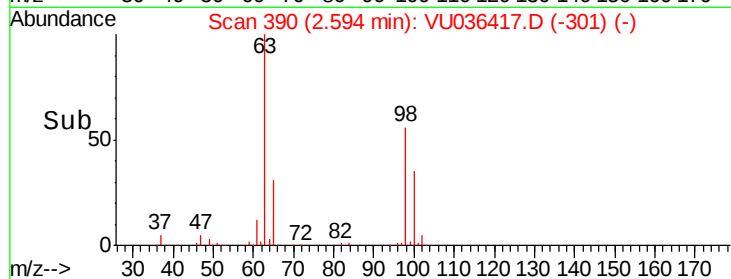
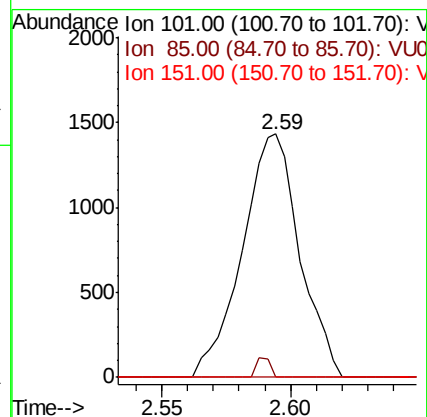
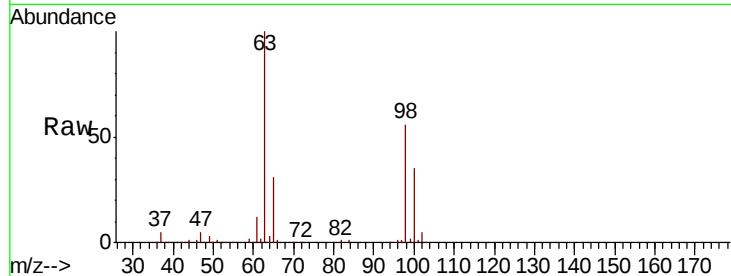
Tot Ion:101 Resp: 2227

Ion Ratio Lower Upper

101 100

85 2.0 37.1 55.7#

151 0.0 54.3 81.5#



#13

Acetone

Concen: 5.067 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036417.D

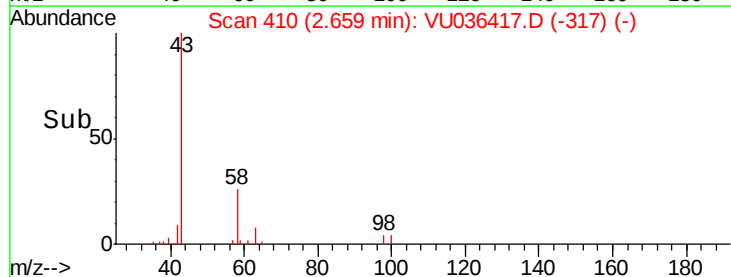
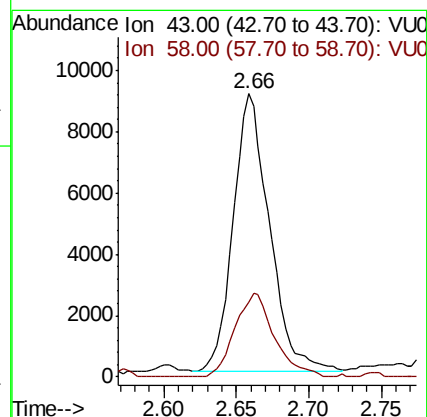
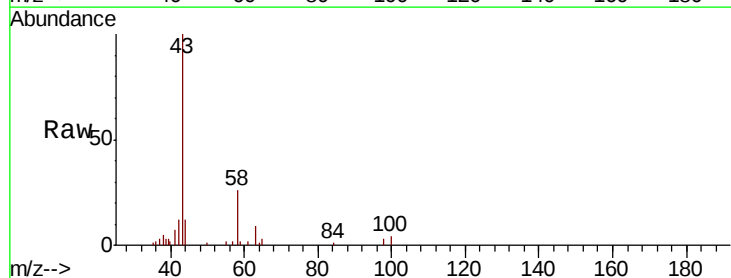
Acq: 09 Jan 2020 14:12

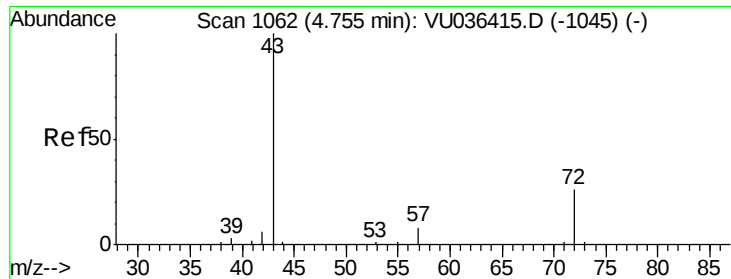
Tgt Ion: 43 Resp: 15802

Ion Ratio Lower Upper

43 100

58 32.6 0.0 66.2





#22

2-Butanone

Concen: 2.513 ug/L

RT: 4.76 min Scan# 1065

Delta R.T. 0.01 min

Lab File: VU036417.D

Acq: 09 Jan 2020 14:12

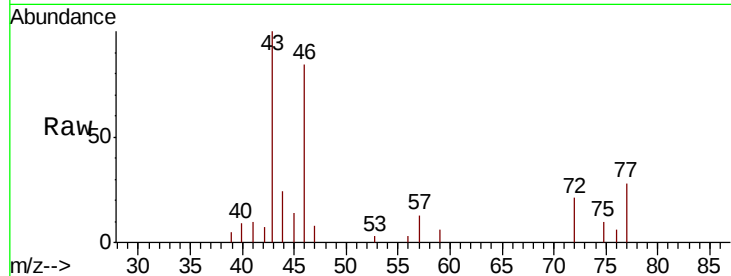
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 9259

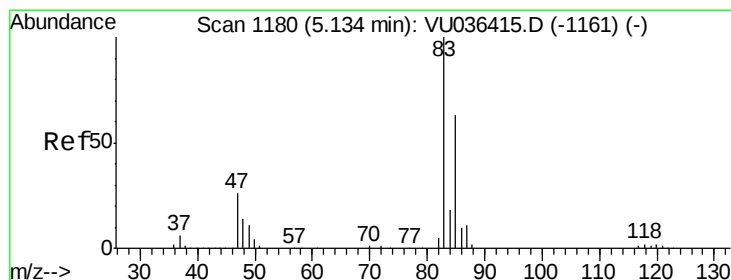
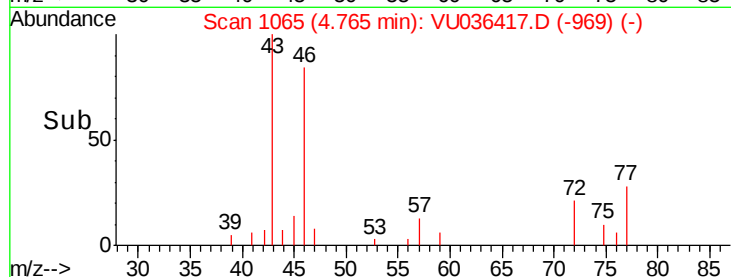
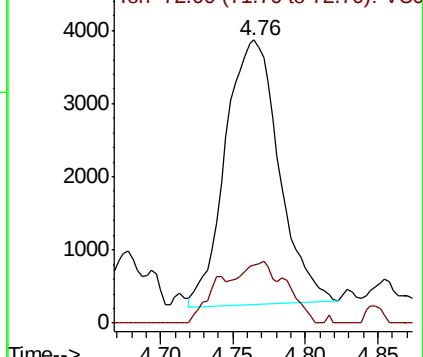
Ion Ratio Lower Upper

43 100

72 4.9 13.4 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VU036417.D (-969) (-)



#25

Chloroform

Concen: 1.417 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VU036417.D

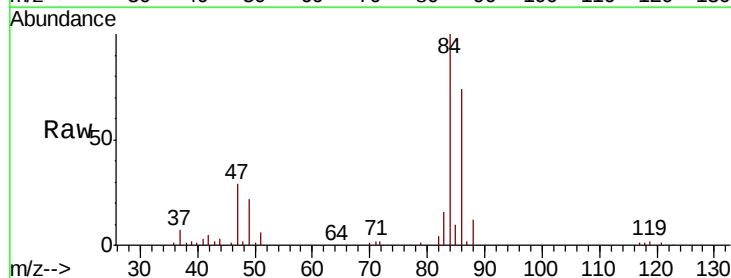
Acq: 09 Jan 2020 14:12

Tgt Ion: 83 Resp: 9798

Ion Ratio Lower Upper

83 100

85 63.4 43.9 81.5



Abundance Ion 83.00 (82.70 to 83.70): VU036417.D (-1087) (-)

