

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042120\
 Data File : VU037836.D
 Acq On : 21 Apr 2020 19:38
 Operator : JC/MD
 Sample : L2317-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 02:19:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 22 02:16:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	499089	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	483374	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	239011	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	202937	45.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.98%
7) Chloroethane-d5	1.93	69	172625	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.84%
11) 1,1-Dichloroethene-d2	2.59	63	263712	34.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.92%
21) 2-Butanone-d5	4.66	46	389237	106.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.88%
24) Chloroform-d	5.10	84	338041	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
26) 1,2-Dichloroethane-d4	5.74	65	241644	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.40%
32) Benzene-d6	5.76	84	731028	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
36) 1,2-Dichloropropane-d6	6.72	67	249601	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.06%
41) Toluene-d8	7.92	98	661454	48.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.54%
43) trans-1,3-Dichloropropene-	8.20	79	119521	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.80%
47) 2-Hexanone-d5	8.66	63	274733	104.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.33%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	333873	48.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.32%
64) 1,2-Dichlorobenzene-d4	12.20	152	239377	47.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.98%

Target Compounds

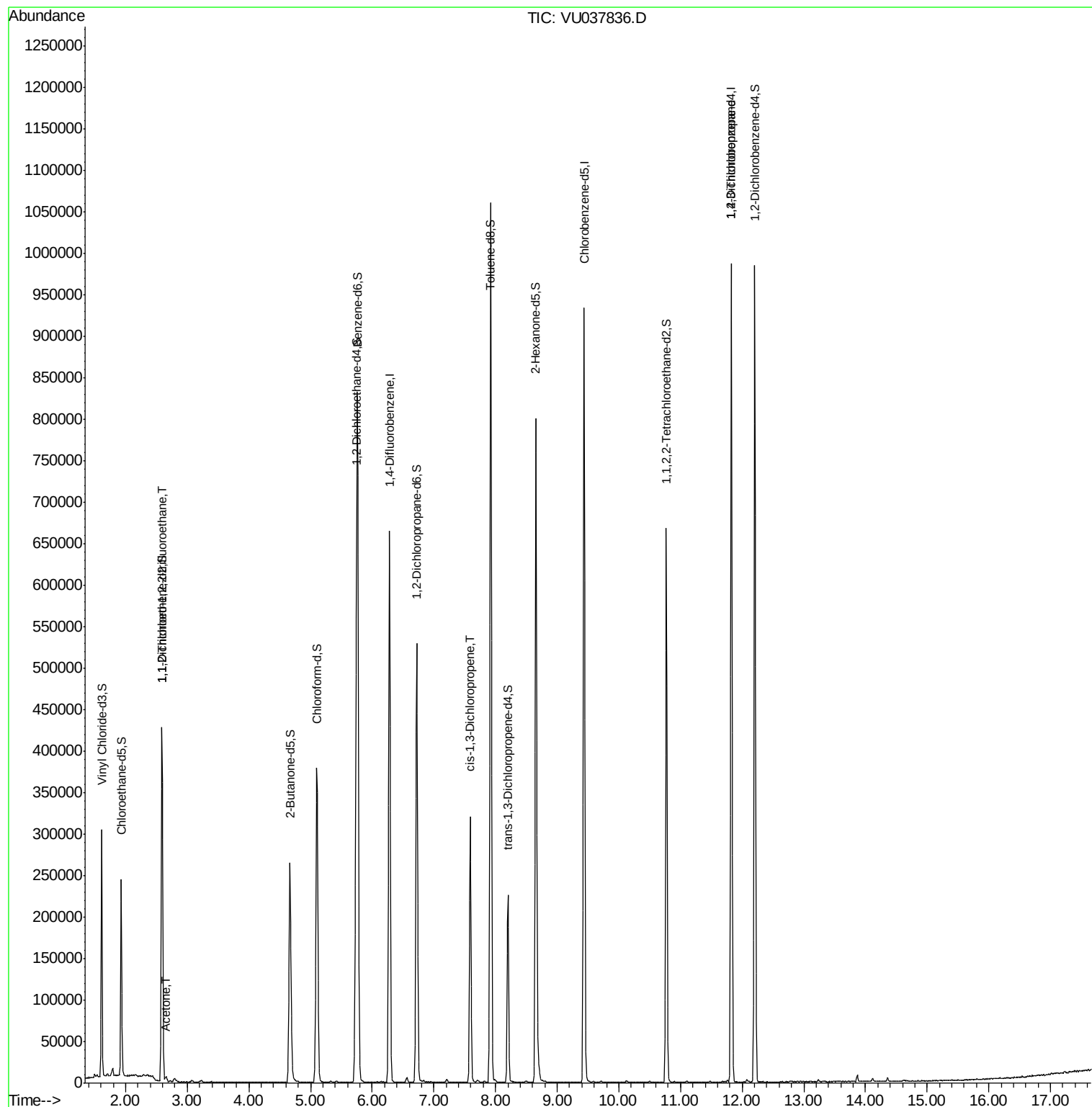
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2594	0.784 ug/L #	24
13) Acetone	2.66	43	6891	2.845 ug/L	89
39) cis-1,3-Dichloropropene	7.59	75	7467	1.059 ug/L #	81
59) 1,2,3-Trichloropropane	11.83	75	34650	5.810 ug/L	97

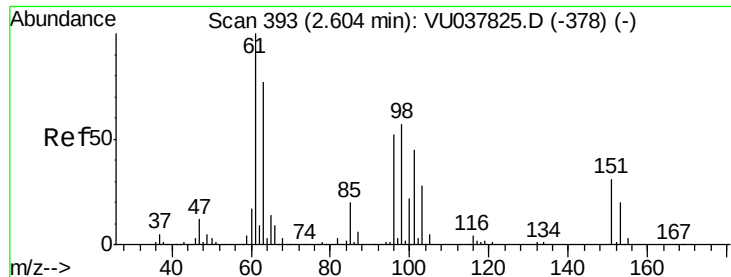
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.784 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037836.D

Acq: 21 Apr 2020 19:38

Instrument :

MSVOA_U

ClientSampleId :

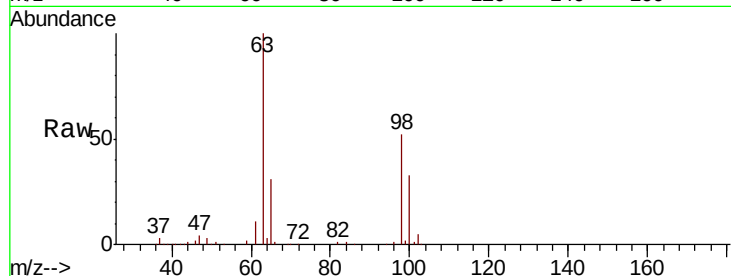
Tot Ion:101 Resp: 2594

Ion Ratio Lower Upper

101 100

85 0.0 35.3 52.9#

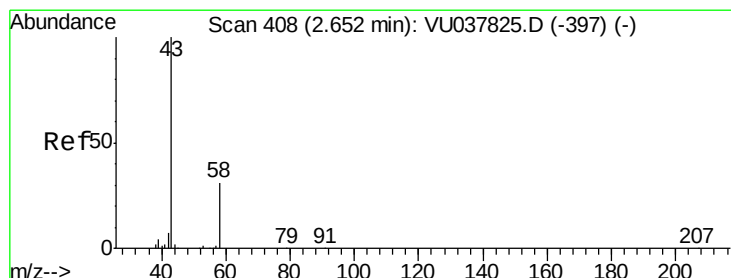
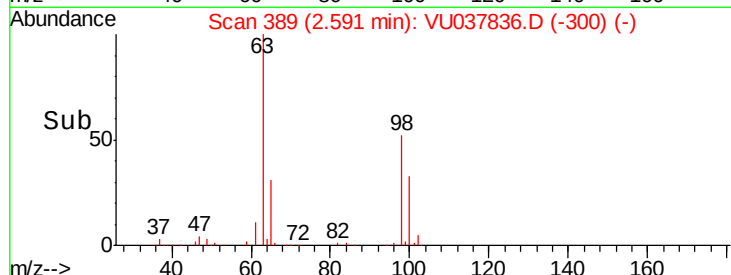
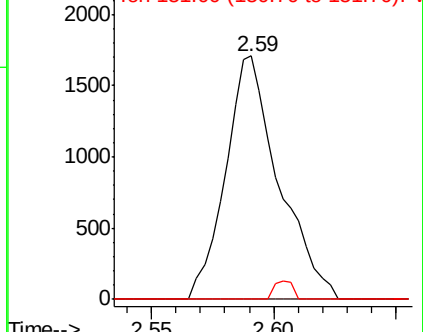
151 2.7 55.2 82.8#



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: 2.845 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037836.D

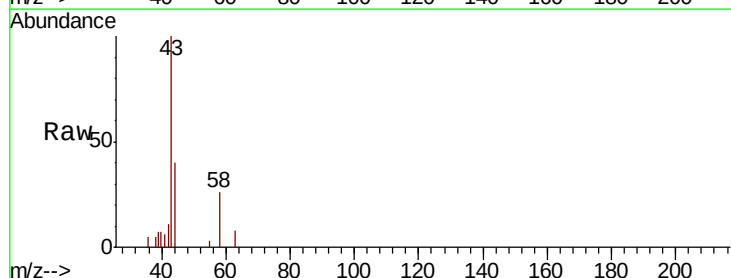
Acq: 21 Apr 2020 19:38

Tgt Ion: 43 Resp: 6891

Ion Ratio Lower Upper

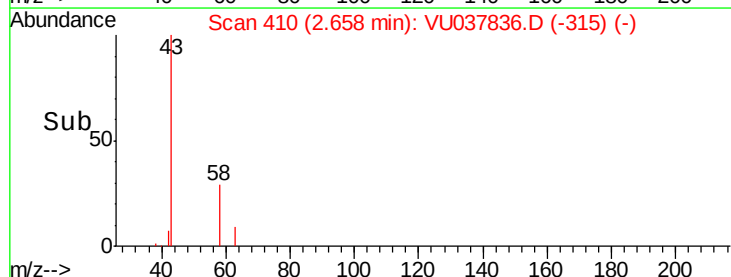
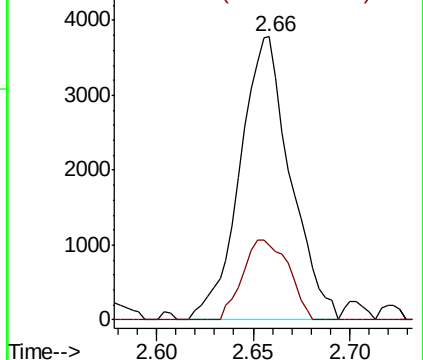
43 100

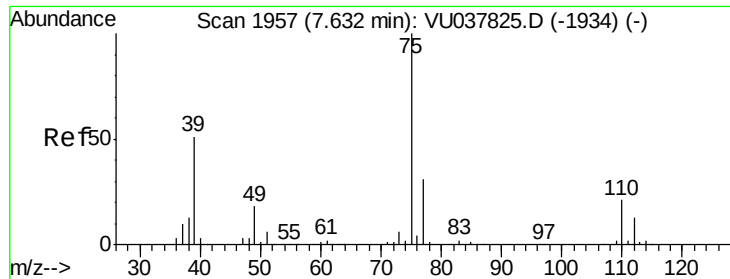
58 25.5 0.0 63.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

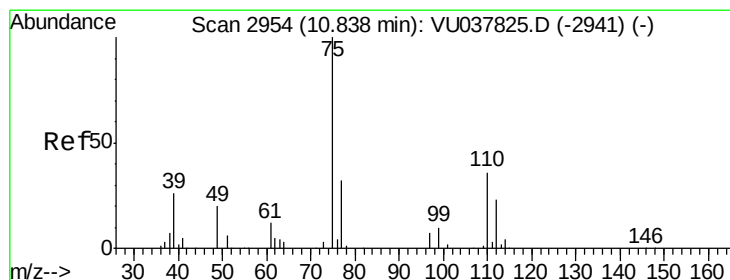
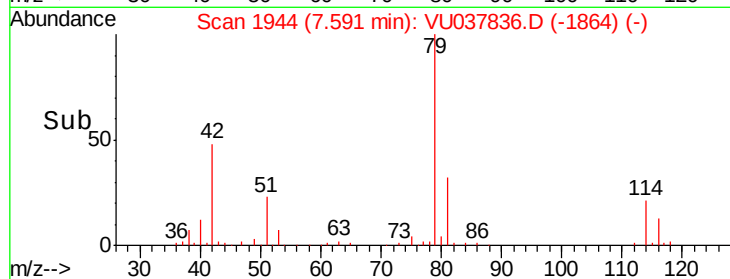
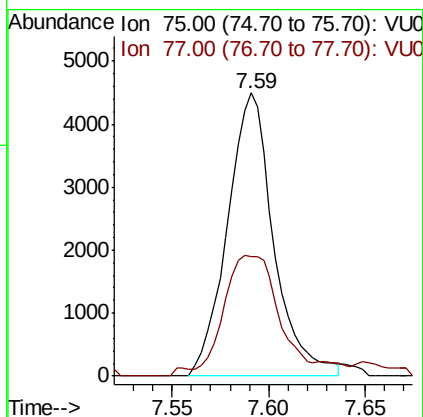
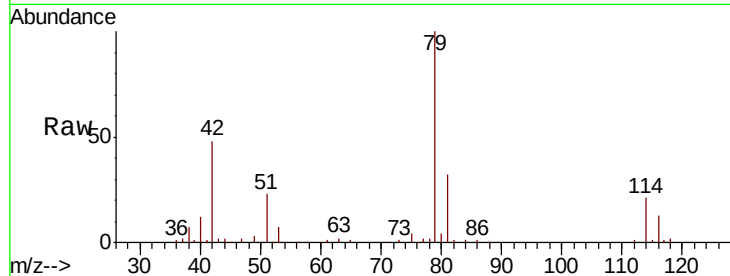




#39
 cis-1,3-Dichloropropene
 Concen: 1.059 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037836.D
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Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 7467
 Ion Ratio Lower Upper
 75 100
 77 42.2 22.3 41.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.810 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU037836.D
 Acq: 21 Apr 2020 19:38

Tgt Ion: 75 Resp: 34650
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.4 38.0

