

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037202.D
 Acq On : 12 Mar 2020 20:24
 Operator : JC/MD
 Sample : L1901-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 07:35:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 07:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	398887	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	385088	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	163949	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	141301	45.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.54%
7) Chloroethane-d5	1.93	69	117833	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.68%
11) 1,1-Dichloroethene-d2	2.59	63	197872	34.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.88%
21) 2-Butanone-d5	4.67	46	260220	106.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.51%
24) Chloroform-d	5.10	84	281452	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	5.74	65	214812	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
32) Benzene-d6	5.76	84	518140	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
36) 1,2-Dichloropropane-d6	6.72	67	167594	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.60%
41) Toluene-d8	7.92	98	475134	46.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.78%
43) trans-1,3-Dichloropropene-	8.20	79	88065	46.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.26%
47) 2-Hexanone-d5	8.66	63	178841	99.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.55%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	254627	47.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.74%
64) 1,2-Dichlorobenzene-d4	12.21	152	175228	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%

Target Compounds

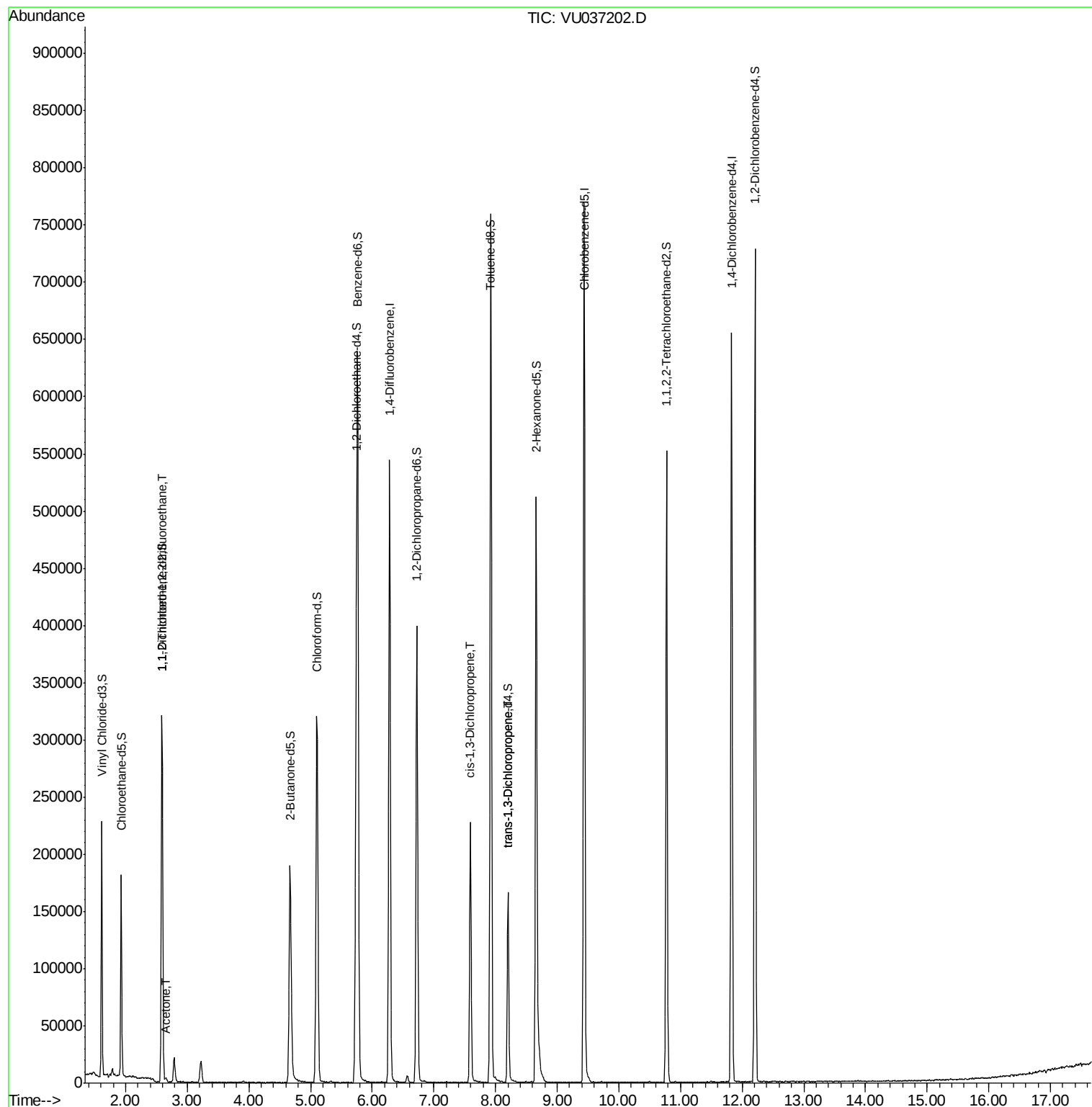
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1865	0.716 ug/L #	19
13) Acetone	2.66	43	3709	1.600 ug/L	92
39) cis-1,3-Dichloropropene	7.59	75	7295	1.458 ug/L	91
44) trans-1,3-Dichloropropene	8.20	75	4967	1.052 ug/L #	70

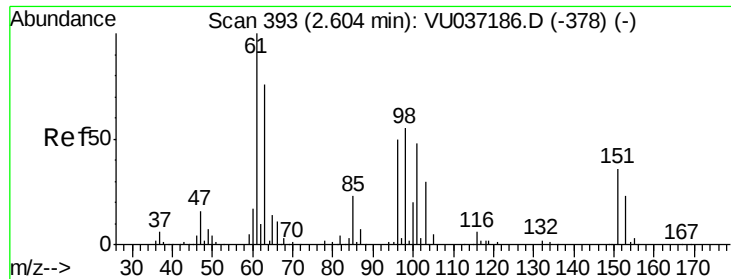
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.716 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037202.D

Acq: 12 Mar 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

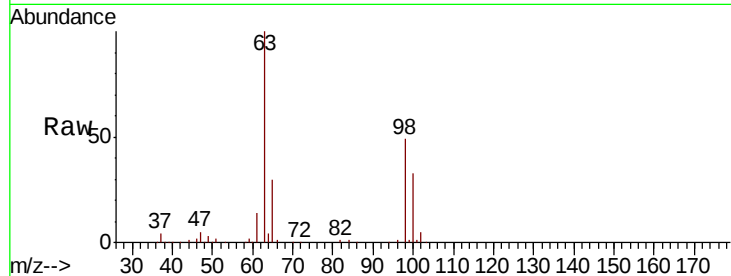
Tot Ion:101 Resp: 1865

Ion Ratio Lower Upper

101 100

85 0.0 37.8 56.6#

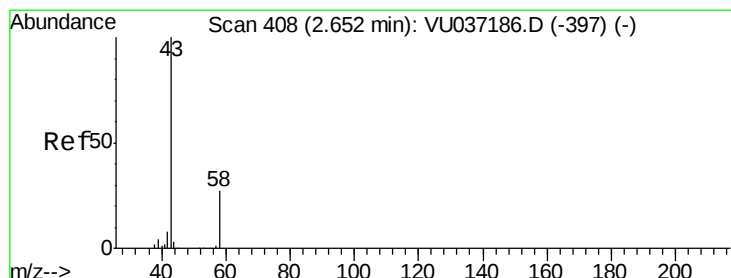
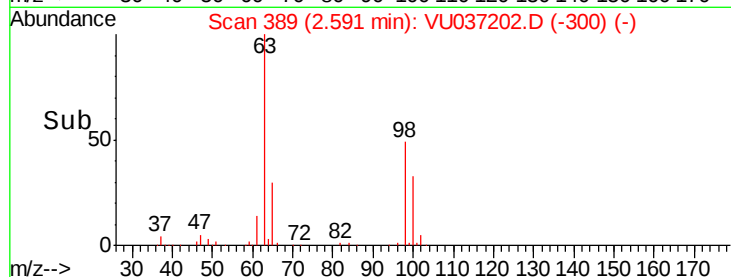
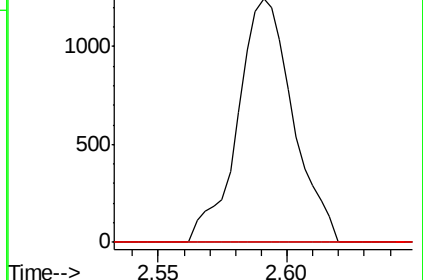
151 0.0 58.5 87.7#



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: 1.600 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037202.D

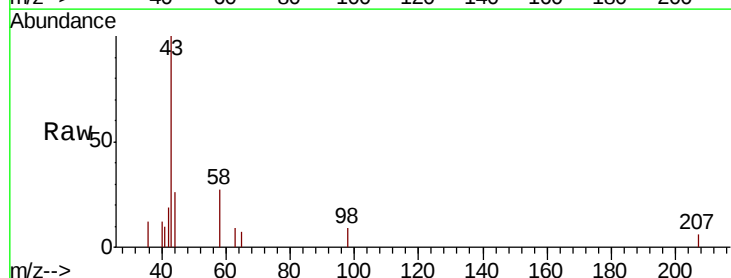
Acq: 12 Mar 2020 20:24

Tgt Ion: 43 Resp: 3709

Ion Ratio Lower Upper

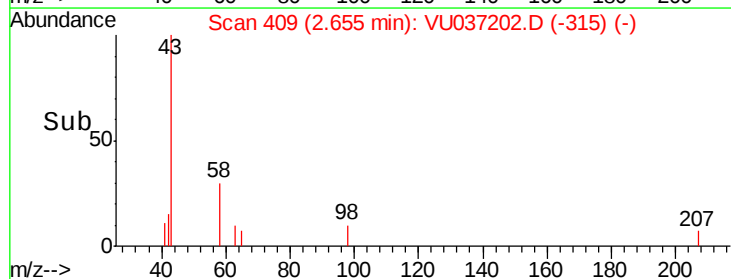
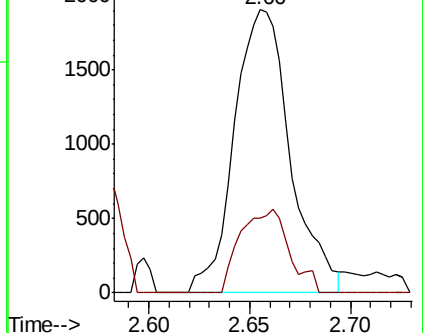
43 100

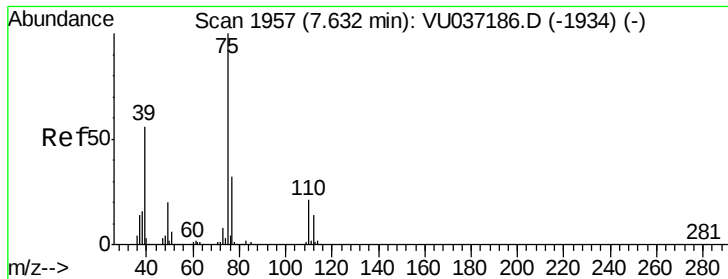
58 24.2 0.0 57.2



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: 1.458 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037202.D

Acq: 12 Mar 2020 20:24

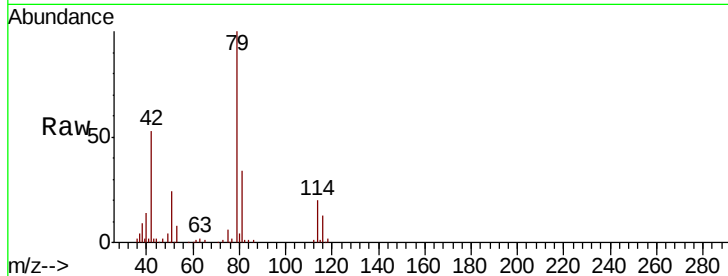
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 75 Resp: 7295

Ion Ratio Lower Upper

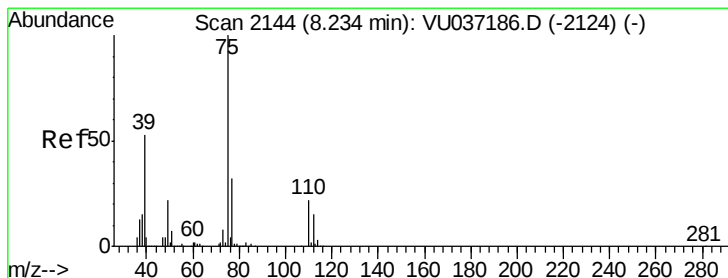
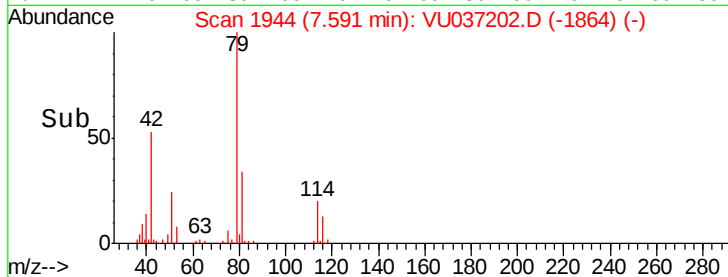
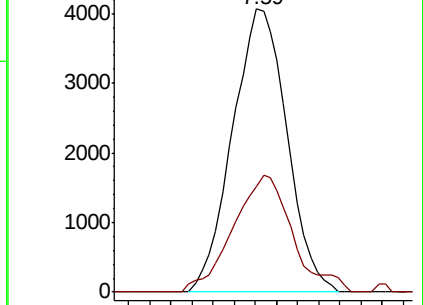
75 100

77 37.5 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VU037186.D (-1934) (-)

Ion 77.00 (76.70 to 77.70): VU037186.D (-1934) (-)



#44

trans-1,3-Dichloropropene

Concen: 1.052 ug/L

RT: 8.20 min Scan# 2134

Delta R.T. -0.03 min

Lab File: VU037202.D

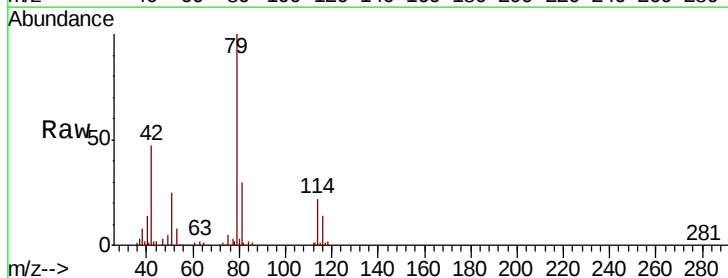
Acq: 12 Mar 2020 20:24

Tgt Ion: 75 Resp: 4967

Ion Ratio Lower Upper

75 100

77 48.4 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU037186.D (-2124) (-)

Ion 77.00 (76.70 to 77.70): VU037186.D (-2124) (-)

