

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031720\
 Data File : VU037315.D
 Acq On : 17 Mar 2020 14:35
 Operator : JC/MD
 Sample : L1901-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONF3

Quant Time: Mar 18 04:06:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 02:36:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	413644	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	398686	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161864	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	124476	38.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.76%
7) Chloroethane-d5	1.93	69	114774	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.94%
11) 1,1-Dichloroethene-d2	2.59	63	185010	31.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.00%
21) 2-Butanone-d5	4.67	46	256801	101.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.36%
24) Chloroform-d	5.10	84	289471	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
26) 1,2-Dichloroethane-d4	5.74	65	208001	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
32) Benzene-d6	5.76	84	522445	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.72	67	172348	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.94%
41) Toluene-d8	7.93	98	484442	46.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.34%
43) trans-1,3-Dichloropropene-	8.20	79	90244	46.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.30%
47) 2-Hexanone-d5	8.66	63	184624	99.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.26%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	261087	46.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.84%
64) 1,2-Dichlorobenzene-d4	12.21	152	178578	53.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.38%

Target Compounds

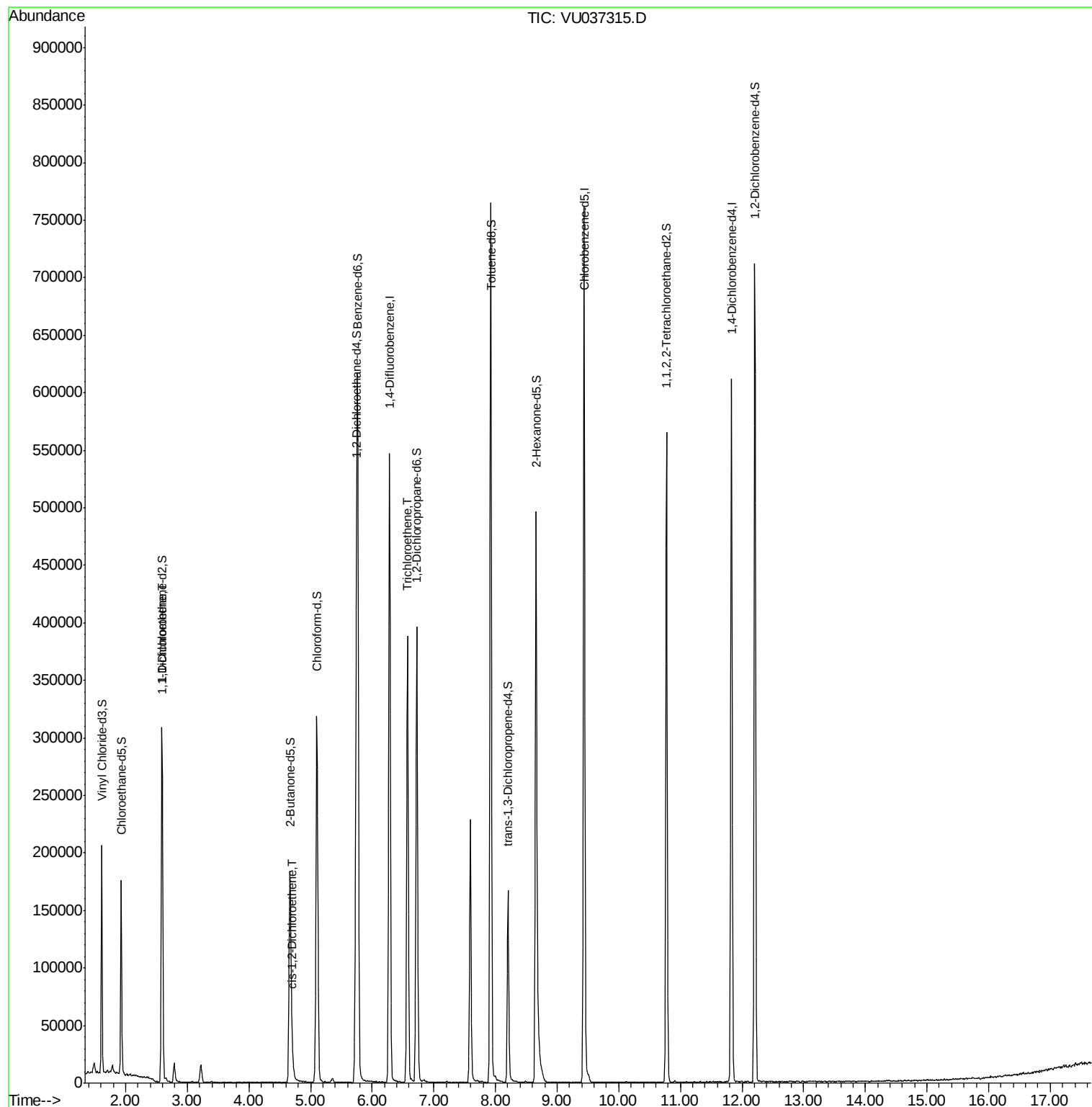
					Ovalue
12) 1,1-Dichloroethene	2.60	96	4677	1.916 ug/L	# 1
20) cis-1,2-Dichloroethene	4.71	96	5757	1.861 ug/L	91
34) Trichloroethene	6.57	95	124271	40.696 ug/L	95

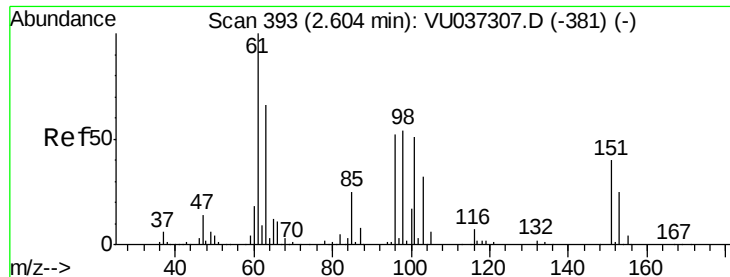
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.916 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037315.D

Acq: 17 Mar 2020 14:35

Instrument :

MSVOA_U

ClientSampled :

CONF3

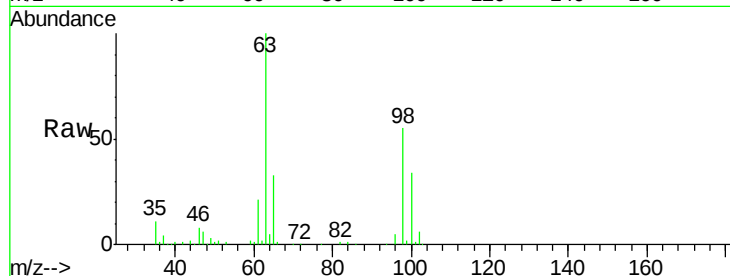
Tot Ion: 96 Resp: 4677

Ion Ratio Lower Upper

96 100

61 441.3 138.8 257.8#

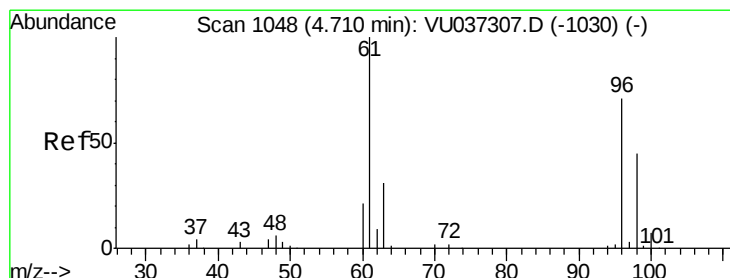
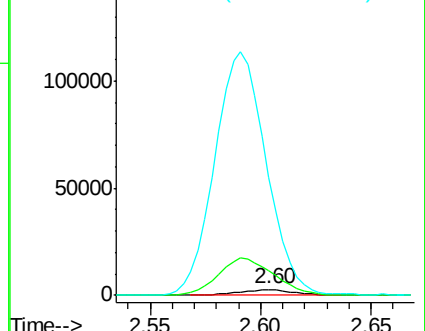
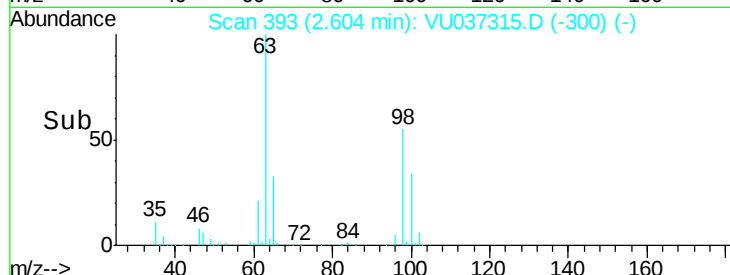
63 2118.1 106.4 197.6#



Abundance Ion 96.00 (95.70 to 96.70): VU037315.D (-300) (-)

Ion 61.00 (60.70 to 61.70): VU037315.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU037315.D (-300) (-)



#20

cis-1,2-Dichloroethene

Concen: 1.861 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037315.D

Acq: 17 Mar 2020 14:35

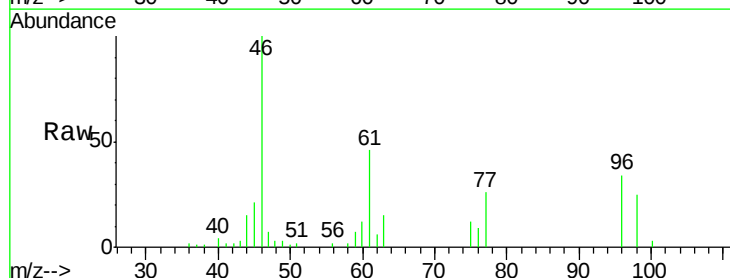
Tgt Ion: 96 Resp: 5757

Ion Ratio Lower Upper

96 100

61 132.7 101.2 187.8

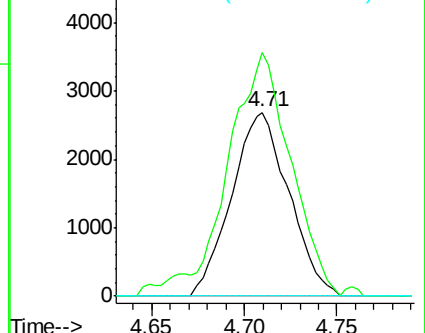
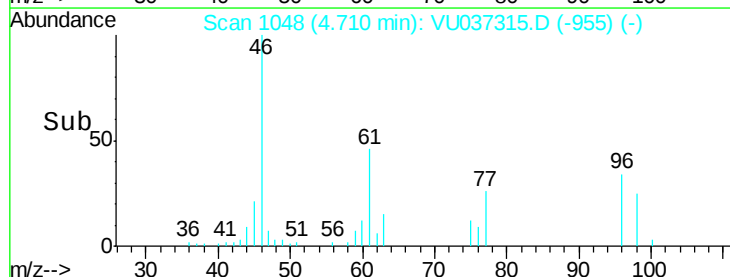
68 0.0 0.0 0.0

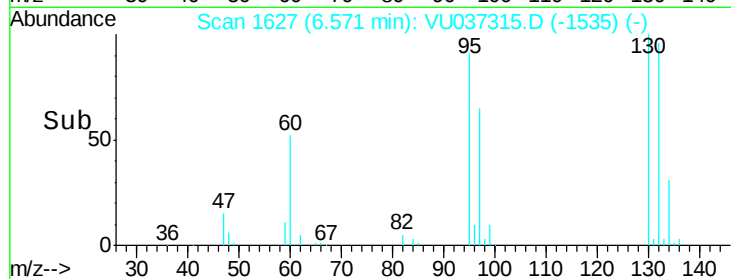
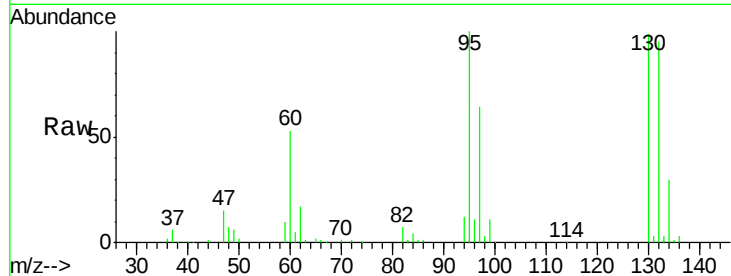
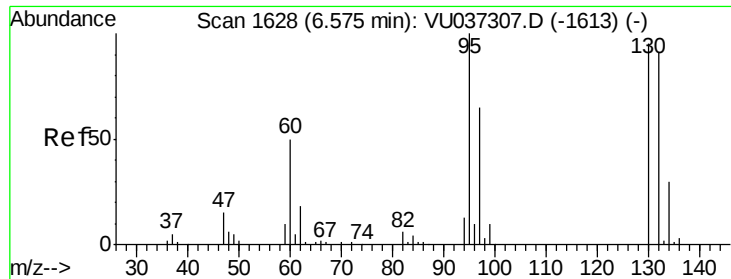


Abundance Ion 96.00 (95.70 to 96.70): VU037315.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VU037315.D (-955) (-)

Ion 68.00 (67.70 to 68.70): VU037315.D (-955) (-)





#34

Trichloroethene

Concen: 40.696 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

CONF3

Tot Ion: 95 Resp: 124271

Ion Ratio Lower Upper

95 100

97 64.2 43.8 81.4

132 95.1 62.6 116.3

130 98.7 64.8 120.4

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

