

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037217.D
 Acq On : 13 Mar 2020 02:29
 Operator : JC/MD
 Sample : L1886-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 08:31:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 08:28:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	392151	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	383404	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161520	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	133883	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.22%
7) Chloroethane-d5	1.93	69	114790	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.82%
11) 1,1-Dichloroethene-d2	2.59	63	194823	34.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.98%
21) 2-Butanone-d5	4.67	46	253243	105.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.44%
24) Chloroform-d	5.11	84	276014	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.74	65	210848	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
32) Benzene-d6	5.76	84	504274	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
36) 1,2-Dichloropropane-d6	6.72	67	170959	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.96%
41) Toluene-d8	7.92	98	477638	47.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.68%
43) trans-1,3-Dichloropropene-	8.21	79	85392	45.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.82%
47) 2-Hexanone-d5	8.66	63	174051	97.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	252542	47.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.38%
64) 1,2-Dichlorobenzene-d4	12.21	152	177775	53.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.12%

Target Compounds

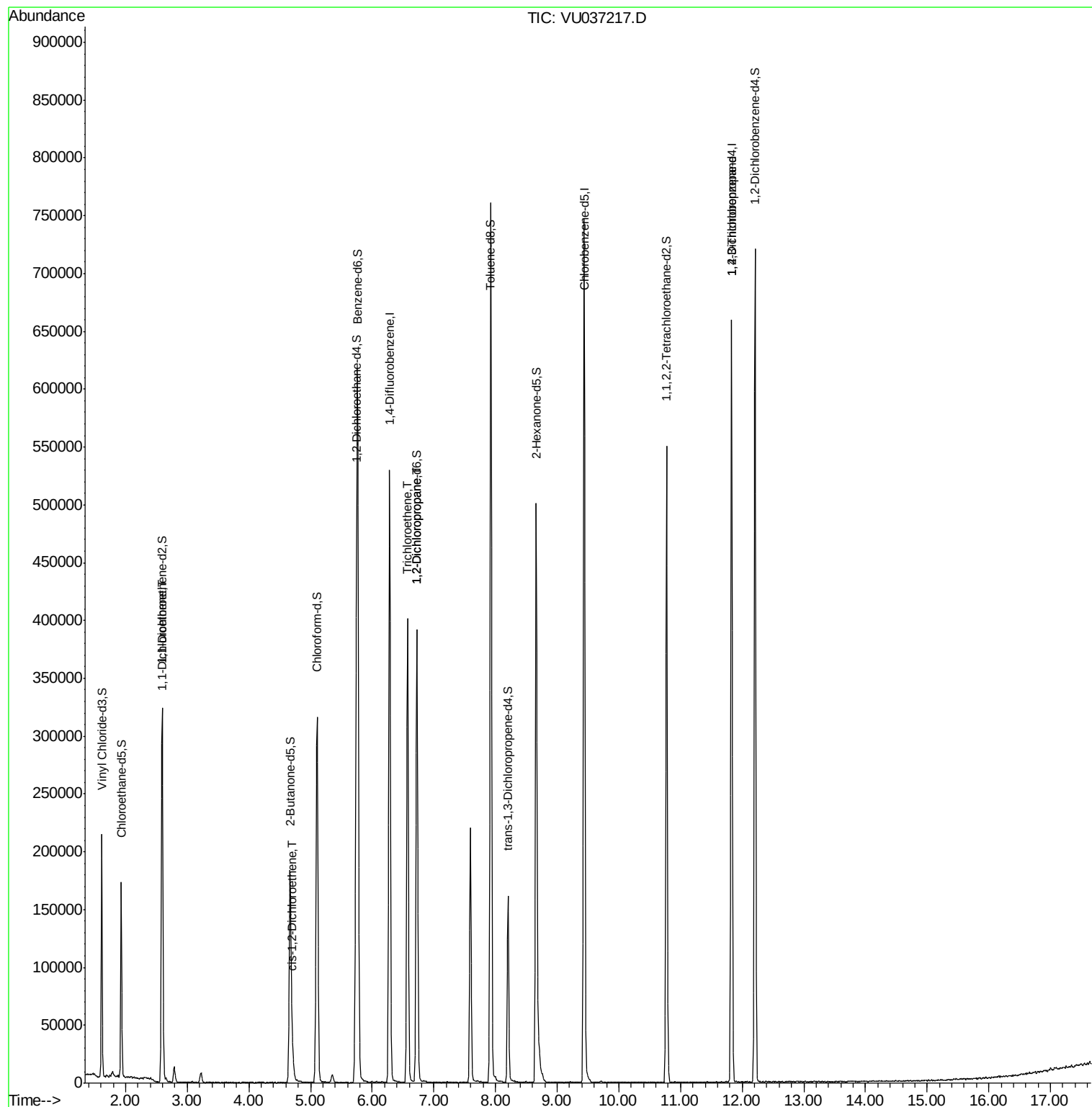
				Ovalue	
12) 1,1-Dichloroethene	2.61	96	8621	3.725 ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	8880	3.028 ug/L	95
34) Trichloroethene	6.57	95	128449	43.741 ug/L	99
37) 1,2-Dichloropropane	6.73	63	21997	6.848 ug/L #	88
59) 1,2,3-Trichloropropane	11.83	75	21334	4.778 ug/L #	83

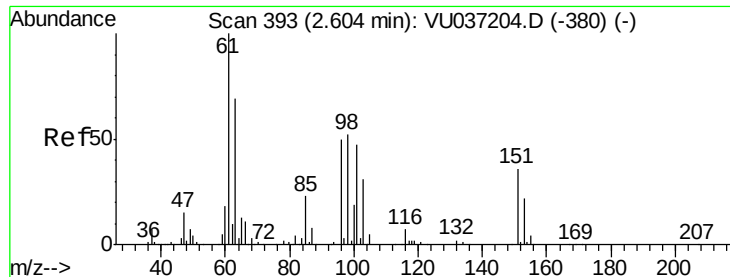
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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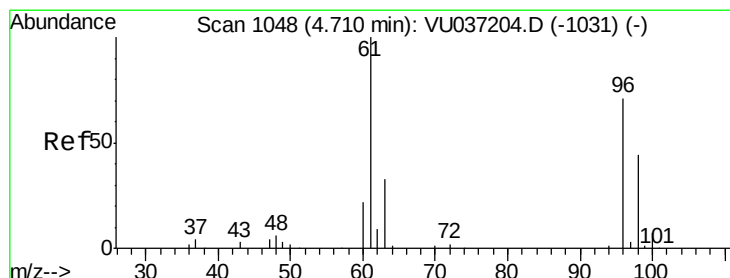
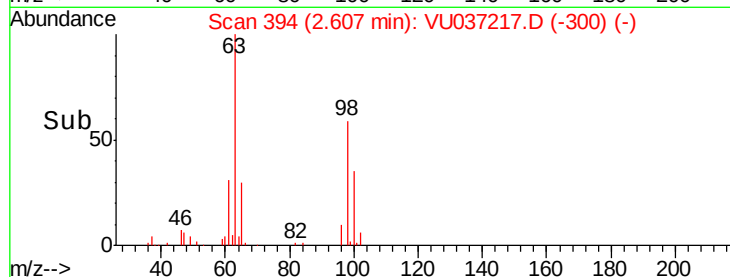
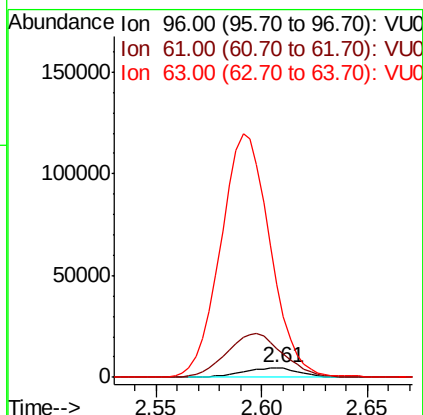
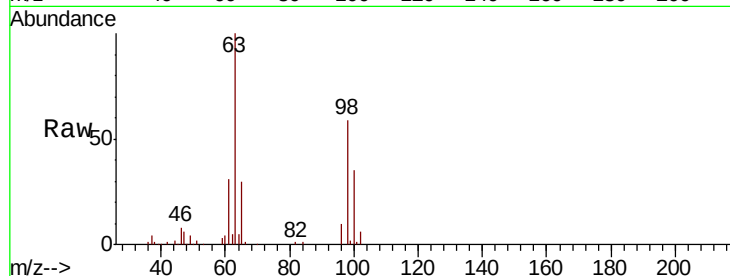




#12
 1,1-Dichloroethene
 Concen: 3.725 ug/L
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU037217.D
 Acq: 13 Mar 2020 02:29

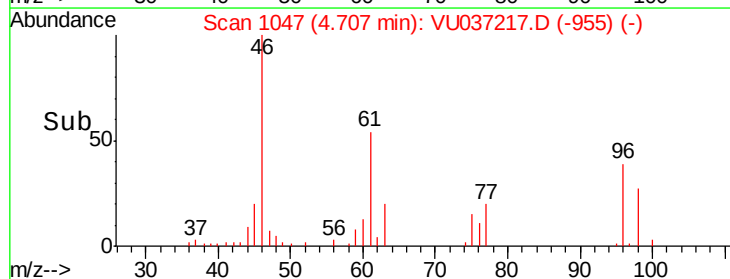
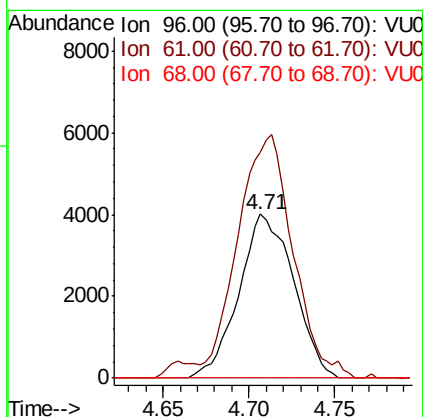
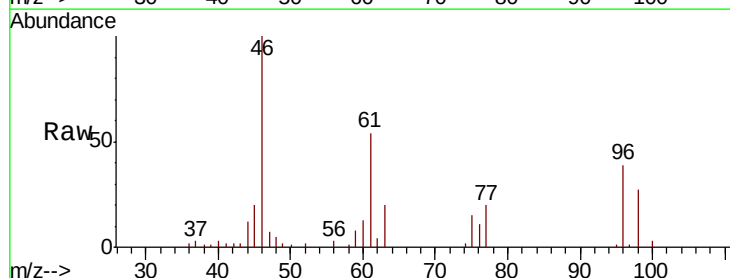
Instrument :
 MSVOA_U
 ClientSampled :

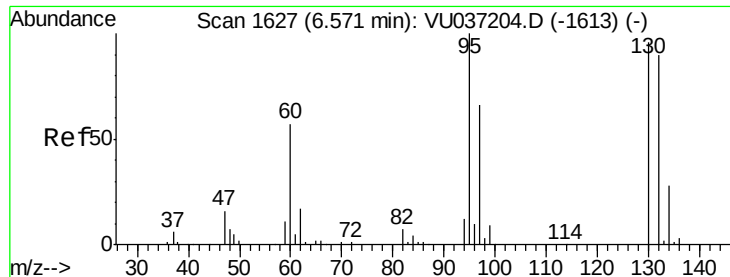
Tot Ion: 96 Resp: 8621
 Ion Ratio Lower Upper
 96 100
 61 301.1 138.8 257.8#
 63 964.0 106.4 197.6#



#20
 cis-1,2-Dichloroethene
 Concen: 3.028 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU037217.D
 Acq: 13 Mar 2020 02:29

Tgt Ion: 96 Resp: 8880
 Ion Ratio Lower Upper
 96 100
 61 137.9 101.2 187.8
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 43.741 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037217.D

Acq: 13 Mar 2020 02:29

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 128449

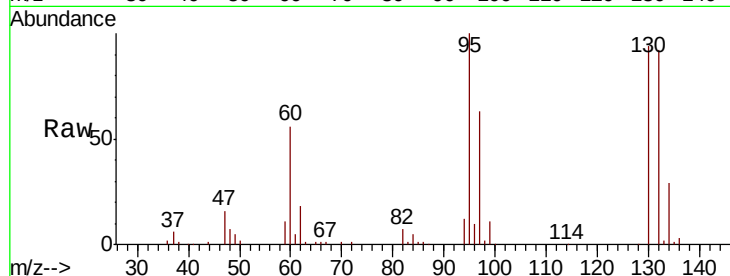
Ion Ratio Lower Upper

95 100

97 63.0 43.8 81.4

132 91.6 62.6 116.3

130 93.8 64.8 120.4

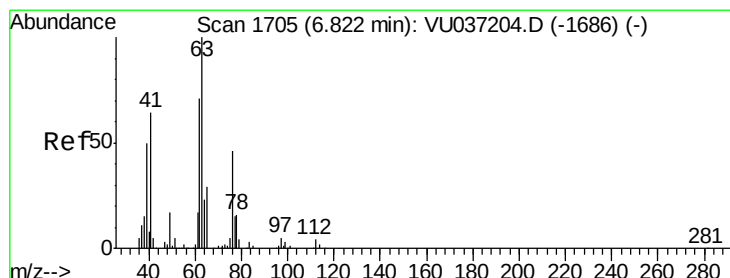
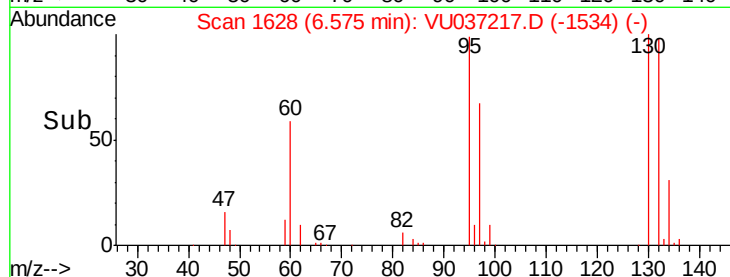
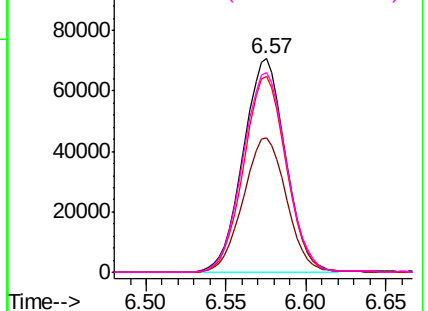


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 6.848 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037217.D

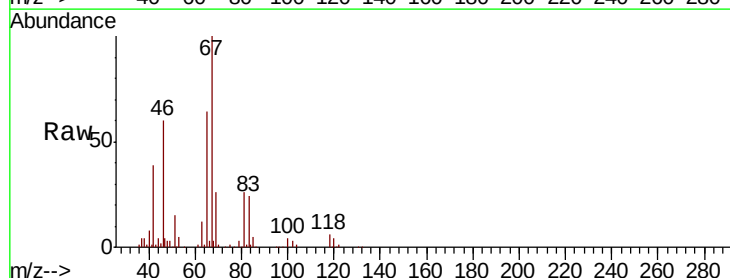
Acq: 13 Mar 2020 02:29

Tgt Ion: 63 Resp: 21997

Ion Ratio Lower Upper

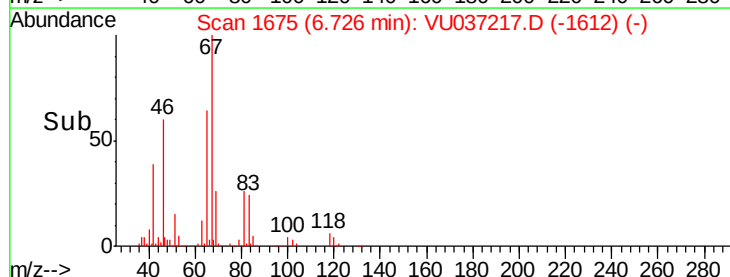
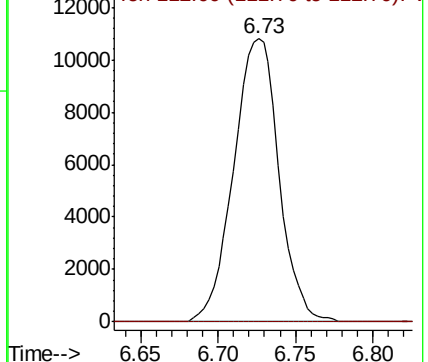
63 100

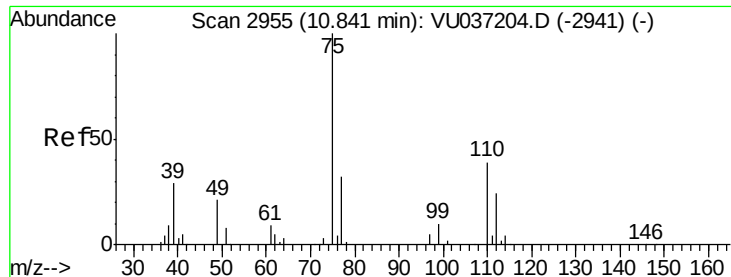
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 4.778 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037217.D

Acq: 13 Mar 2020 02:29

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 21334

Ion Ratio Lower Upper

75 100

77 40.7 25.0 37.6#

