

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040620\
 Data File : VU037591.D
 Acq On : 06 Apr 2020 15:31
 Operator : JC/MD
 Sample : L2158-03DL 4X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EZ1DL

Quant Time: Apr 07 01:48:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 07 00:48:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	170353	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	159674	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	74159	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	55742	40.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.58%
7) Chloroethane-d5	1.93	69	46044	41.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.84%
11) 1,1-Dichloroethene-d2	2.59	63	76283	32.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.60%
21) 2-Butanone-d5	4.67	46	102056	98.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.14%
24) Chloroform-d	5.11	84	101600	43.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.18%
26) 1,2-Dichloroethane-d4	5.74	65	66915	43.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.48%
32) Benzene-d6	5.76	84	207259	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.72	67	69018	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.64%
41) Toluene-d8	7.92	98	186050	43.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.30%
43) trans-1,3-Dichloropropene-	8.20	79	36048	42.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.26%
47) 2-Hexanone-d5	8.65	63	79469	96.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.31%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104406	46.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.78%
64) 1,2-Dichlorobenzene-d4	12.20	152	68484	45.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.52%

Target Compounds

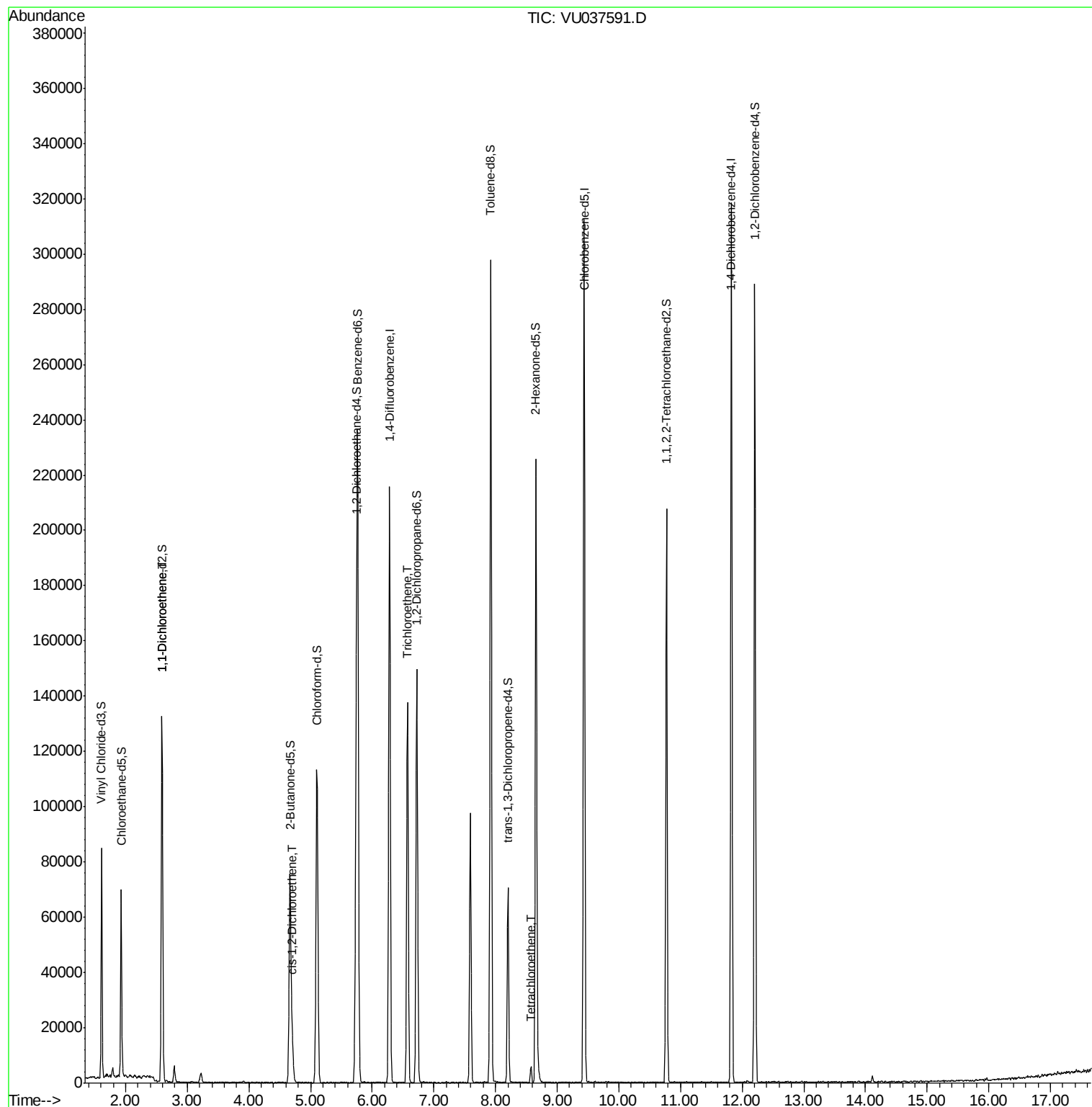
					Ovalue
12) 1,1-Dichloroethene	2.60	96	1062	1.165 ug/L	# 1
20) cis-1,2-Dichloroethene	4.71	96	5611	4.966 ug/L	89
34) Trichloroethene	6.57	95	46808	42.787 ug/L	99
46) Tetrachloroethene	8.57	164	1212	1.650 ug/L	85

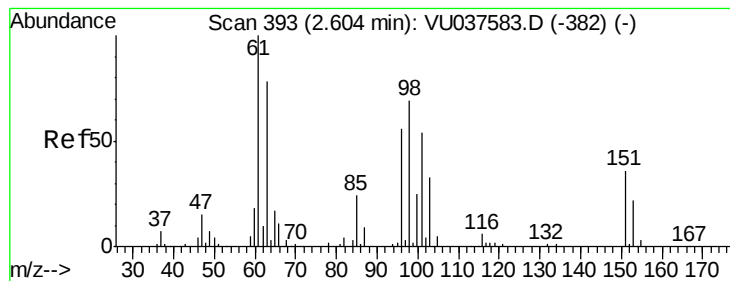
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.165 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

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ClientSampleId :

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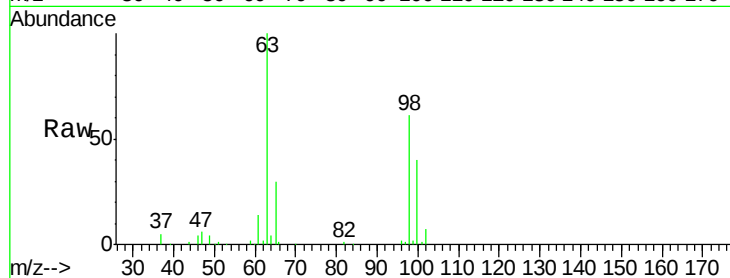
Tot Ion: 96 Resp: 1062

Ion Ratio Lower Upper

96 100

61 850.4 117.2 217.8#

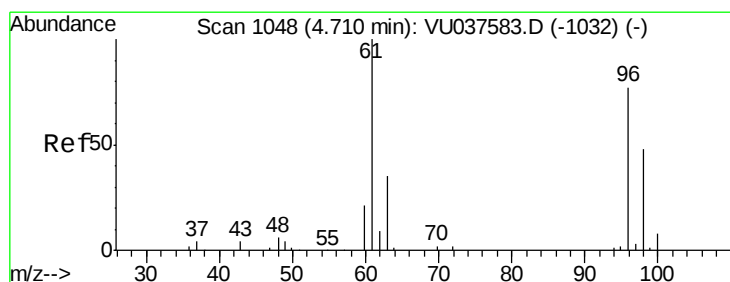
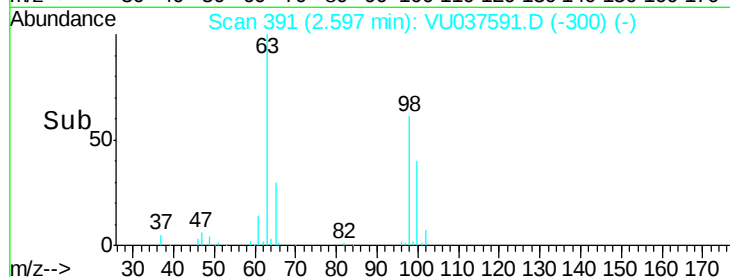
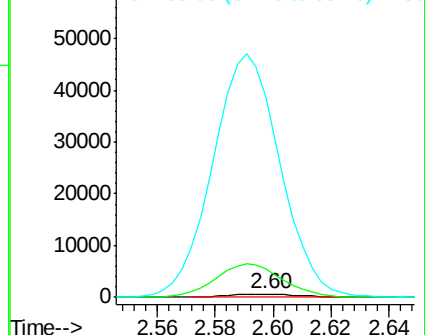
63 6069.7 90.9 168.9#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 4.966 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU037591.D

Acq: 06 Apr 2020 15:31

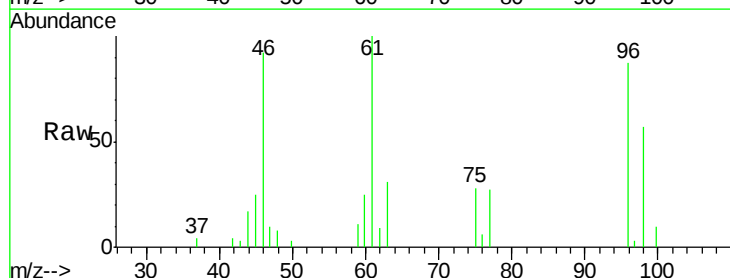
Tgt Ion: 96 Resp: 5611

Ion Ratio Lower Upper

96 100

61 115.6 90.2 167.6

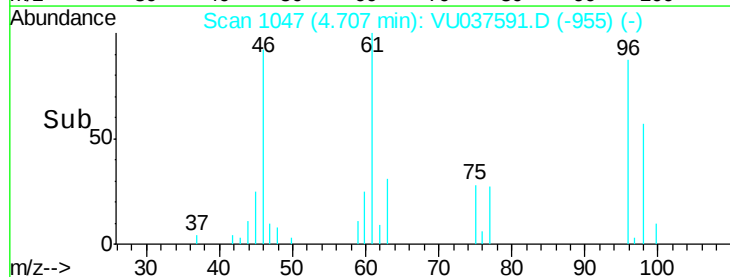
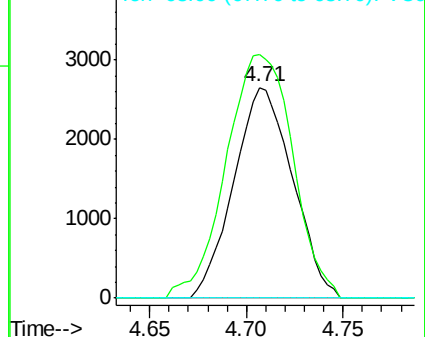
68 0.0 0.0 0.0

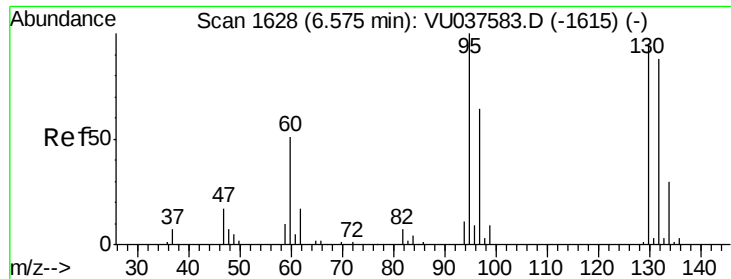


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 42.787 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

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Acq: 06 Apr 2020 15:31

Instrument :

MSVOA_U

ClientSampleId :

C0EZ1DL

Tot Ion: 95 Resp: 46808

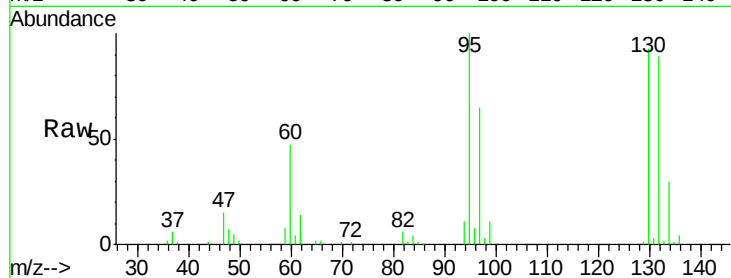
Ion Ratio Lower Upper

95 100

97 64.7 45.2 84.0

132 88.8 63.7 118.3

130 93.0 64.5 119.7

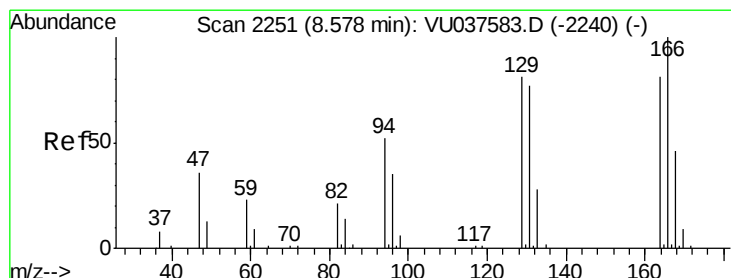
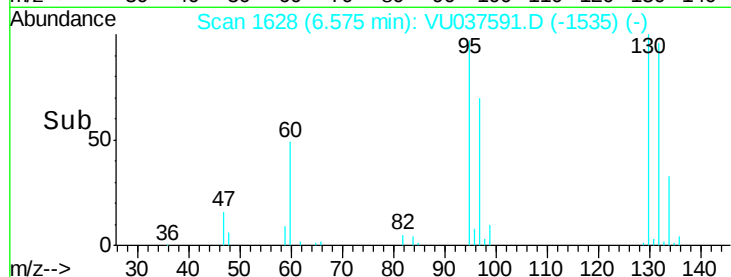
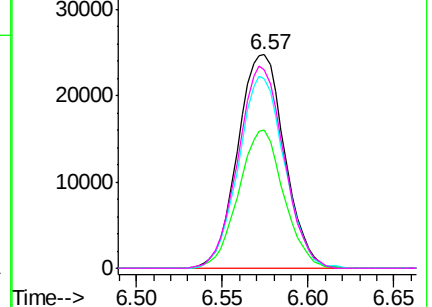


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#46

Tetrachloroethene

Concen: 1.650 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.01 min

Lab File: VU037591.D

Acq: 06 Apr 2020 15:31

Tgt Ion:164 Resp: 1212

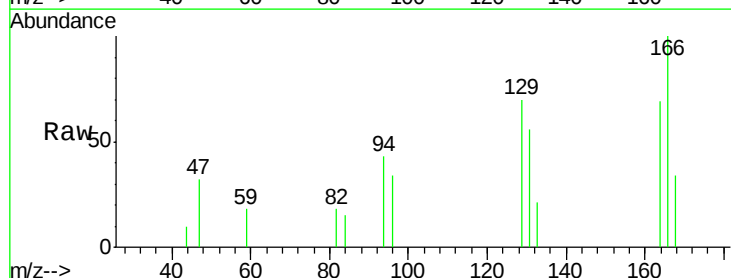
Ion Ratio Lower Upper

164 100

129 101.7 76.5 142.1

131 81.2 71.7 133.1

166 145.5 88.8 165.0



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

