

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037975.D
 Acq On : 01 May 2020 01:36
 Operator : JC/MD
 Sample : L2410-11DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBFE6DL

Quant Time: May 01 07:24:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 06:13:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	725795	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	713851	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	325055	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	290615	45.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.04%
7) Chloroethane-d5	1.93	69	239114	46.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.10%
11) 1,1-Dichloroethene-d2	2.59	63	356616	34.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.30%
21) 2-Butanone-d5	4.66	46	460174	92.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.23%
24) Chloroform-d	5.10	84	442113	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.44%
26) 1,2-Dichloroethane-d4	5.74	65	313893	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
32) Benzene-d6	5.76	84	970713	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
36) 1,2-Dichloropropane-d6	6.72	67	323052	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.62%
41) Toluene-d8	7.92	98	881242	45.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.32%
43) trans-1,3-Dichloropropene-	8.20	79	139906	42.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.54%
47) 2-Hexanone-d5	8.65	63	277694	91.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	434925	43.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.52%
64) 1,2-Dichlorobenzene-d4	12.20	152	314781	46.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.64%

Target Compounds

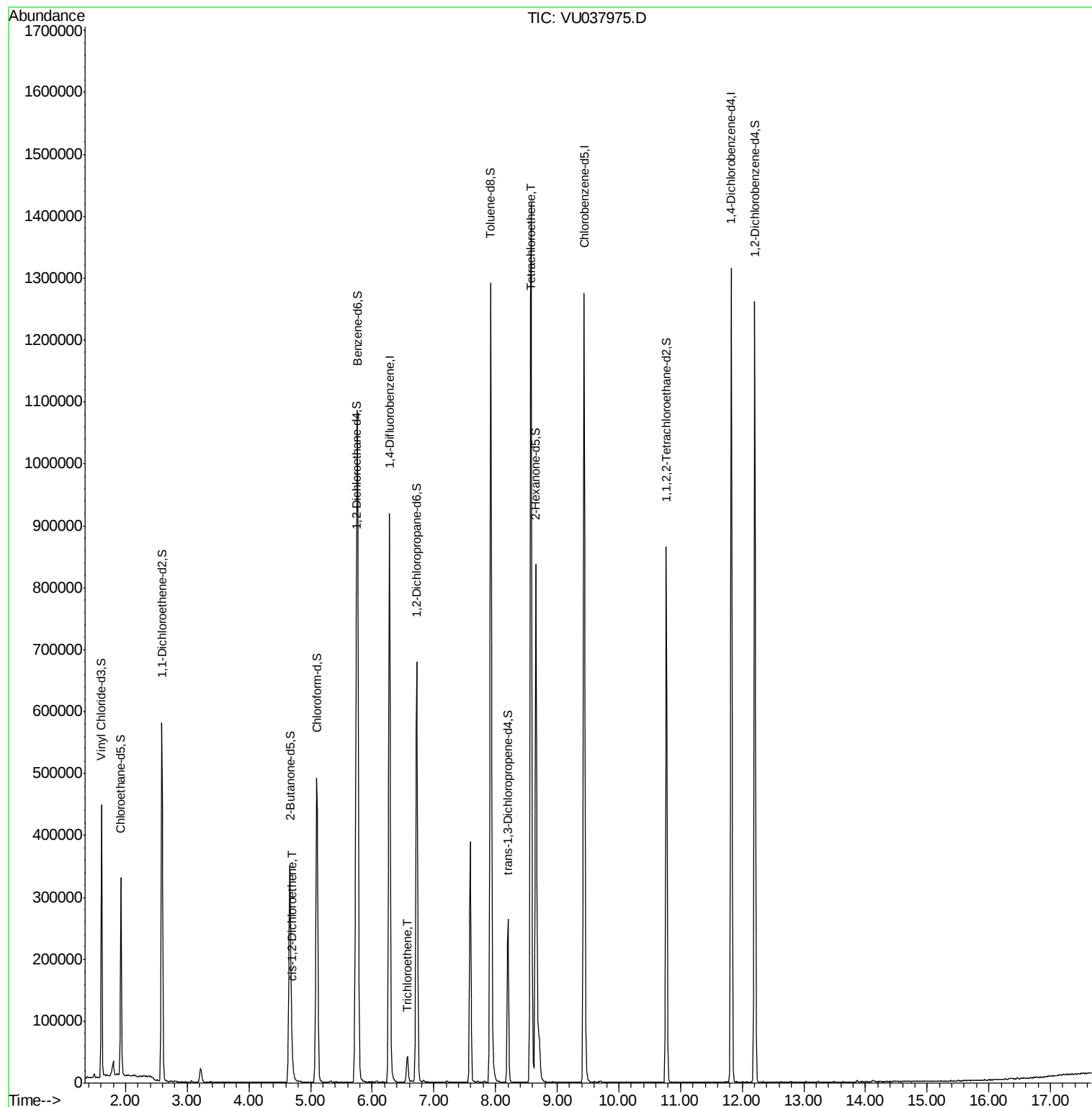
					Ovalue
20) cis-1,2-Dichloroethene	4.70	96	7937	1.399 ug/L	100
34) Trichloroethene	6.57	95	11461	2.118 ug/L	95
46) Tetrachloroethene	8.57	164	310456	78.580 ug/L	99

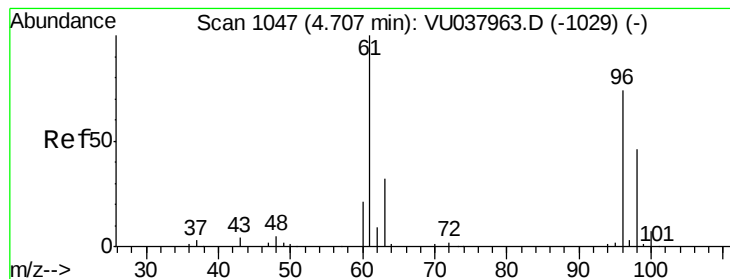
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 1.399 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU037975.D

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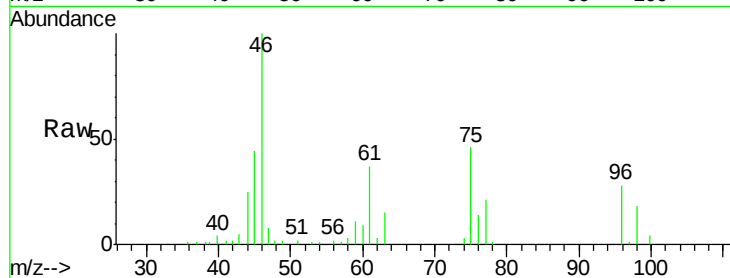
Tot Ion: 96 Resp: 7937

Ion Ratio Lower Upper

96 100

61 134.0 93.9 174.3

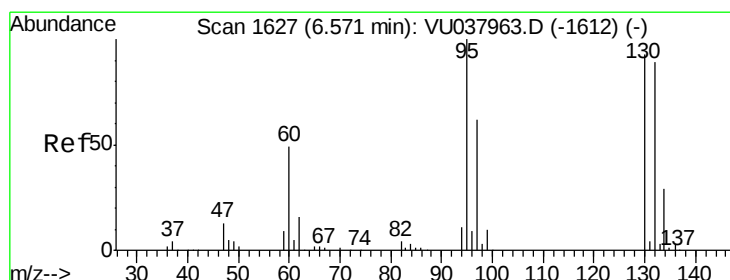
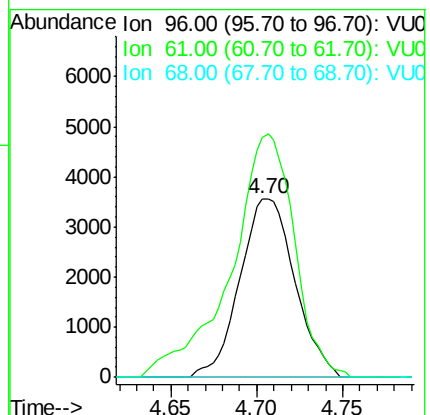
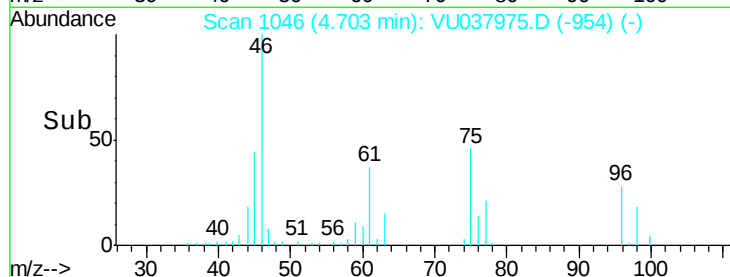
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037975.D (-1534) (-)

Ion 61.00 (60.70 to 61.70): VU037975.D (-1534) (-)

Ion 68.00 (67.70 to 68.70): VU037975.D (-1534) (-)



#34

Trichloroethene

Concen: 2.118 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037975.D

Acq: 01 May 2020 01:36

Tgt Ion: 95 Resp: 11461

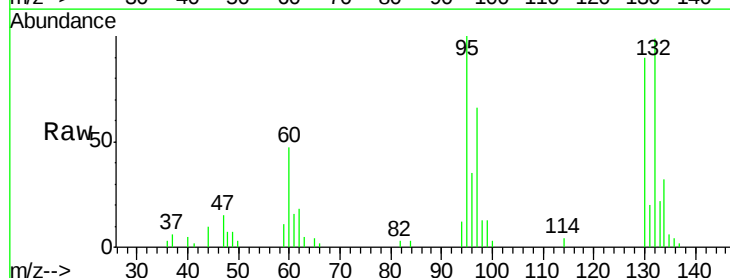
Ion Ratio Lower Upper

95 100

97 65.7 44.9 83.5

132 98.7 63.2 117.4

130 90.0 65.9 122.3

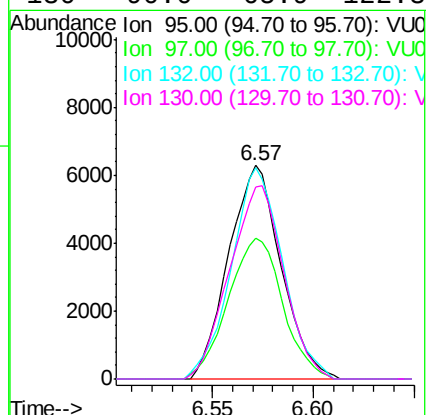
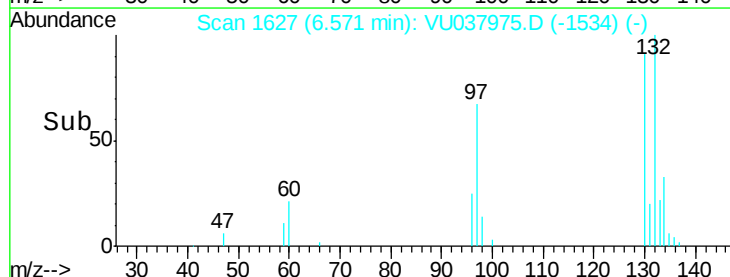


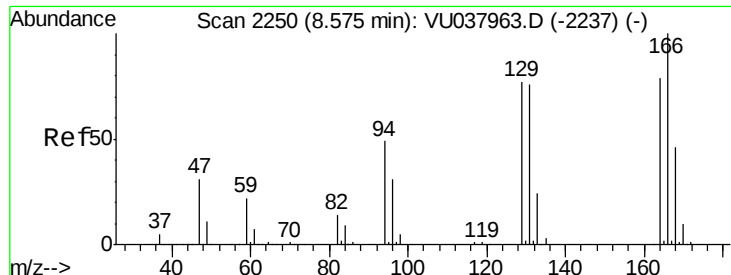
Abundance Ion 95.00 (94.70 to 95.70): VU037975.D (-1534) (-)

Ion 97.00 (96.70 to 97.70): VU037975.D (-1534) (-)

Ion 132.00 (131.70 to 132.70): VU037975.D (-1534) (-)

Ion 130.00 (129.70 to 130.70): VU037975.D (-1534) (-)





#46

Tetrachloroethene

Concen: 78.580 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037975.D

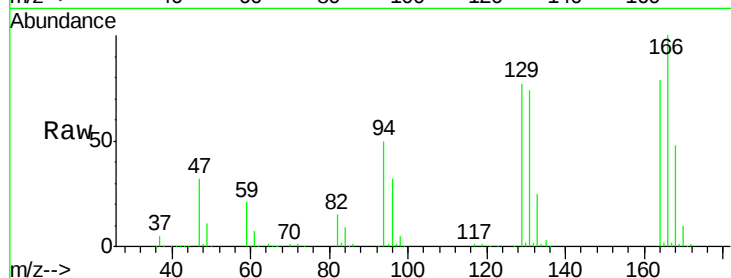
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Tot Ion:164 Resp: 310456

Ion Ratio Lower Upper

164 100

129 98.0 68.4 127.0

131 93.8 65.7 122.1

166 126.6 86.7 161.1

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

