

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051920\
 Data File : VU038234.D
 Acq On : 19 May 2020 14:59
 Operator : JC/MD
 Sample : L2657-08DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSW1DL

Quant Time: May 20 02:52:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 20 01:25:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	354119	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	347676	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	168560	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122350	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.93	69	120716	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.58	63	152643	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.67	46	509394	63.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.48%
24) Chloroform-d	5.10	84	228616	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.74	65	145871	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.76	84	468333	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.72	67	164730	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.92	98	399684	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.20	79	61281	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.66	63	400292	62.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.86%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	144820	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	160492	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

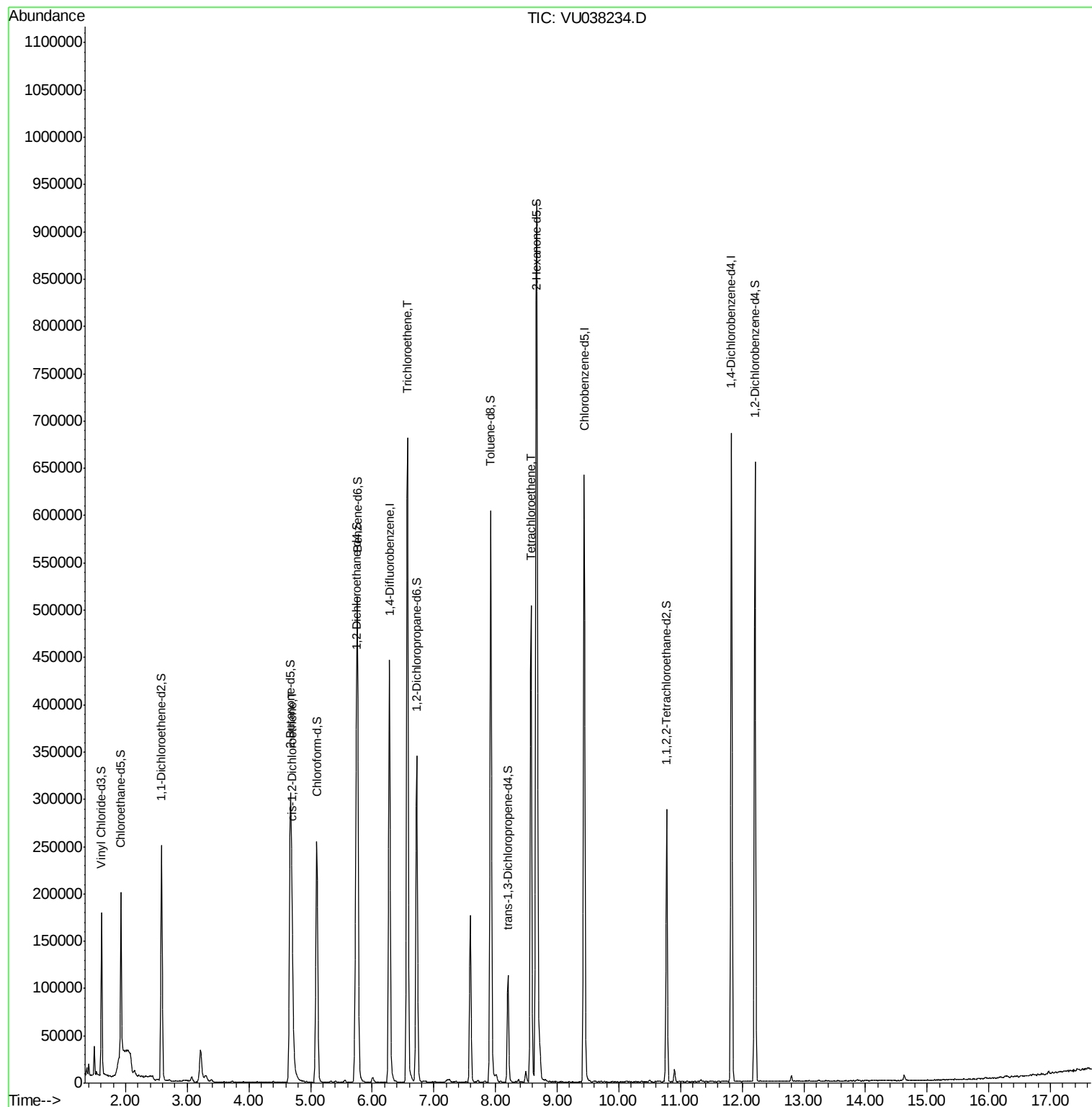
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.70	96	31895	1.103 ug/L	95
34) Trichloroethene	6.57	95	230435	8.275 ug/L	97
47) Tetrachloroethene	8.57	164	110388	5.667 ug/L	97

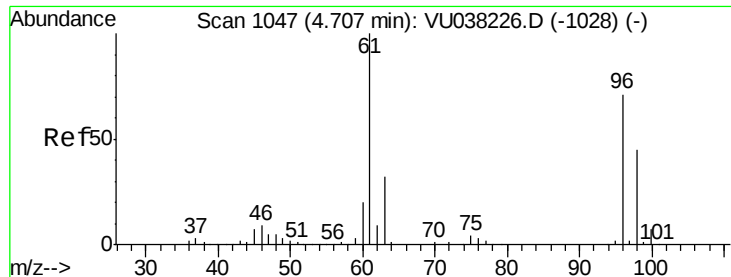
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 1.103 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU038234.D

Acq: 19 May 2020 14:59

Instrument :

MSVOA_U

ClientSampled :

BFSW1DL

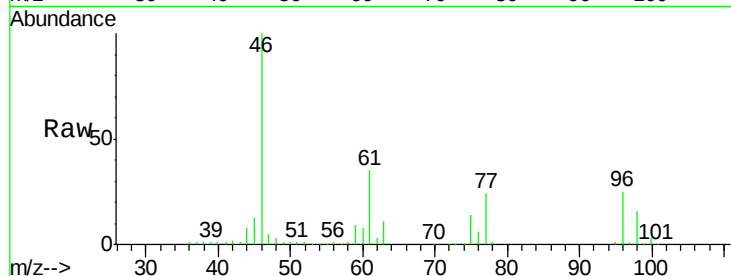
Tot Ion: 96 Resp: 31895

Ion Ratio Lower Upper

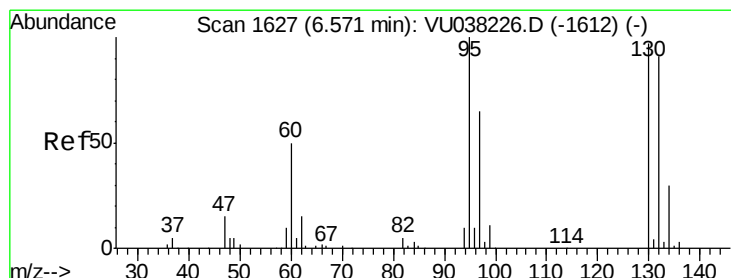
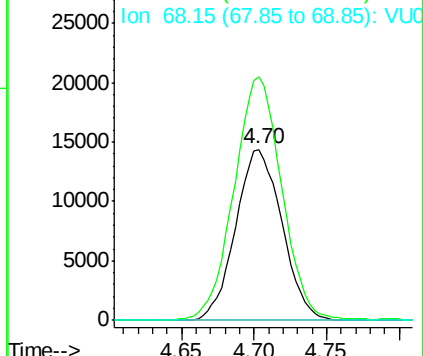
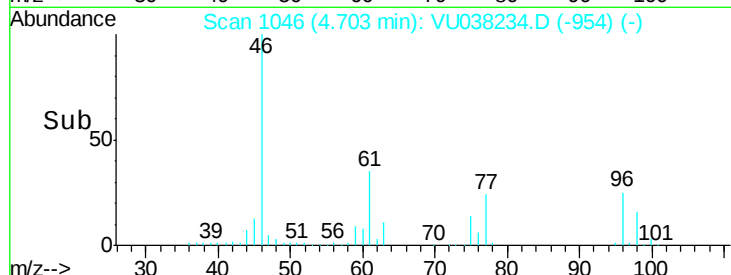
96 100

61 142.6 95.3 176.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038234.D (-954) (-)



#34

Trichloroethene

Concen: 8.275 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038234.D

Acq: 19 May 2020 14:59

Tgt Ion: 95 Resp: 230435

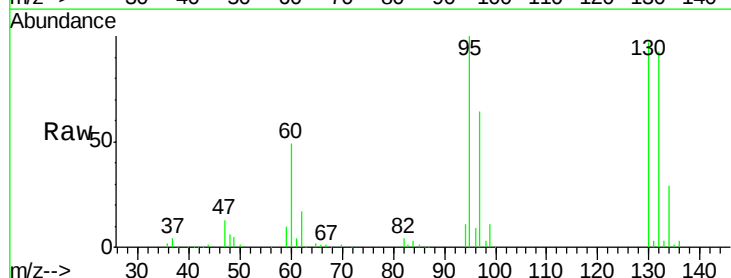
Ion Ratio Lower Upper

95 100

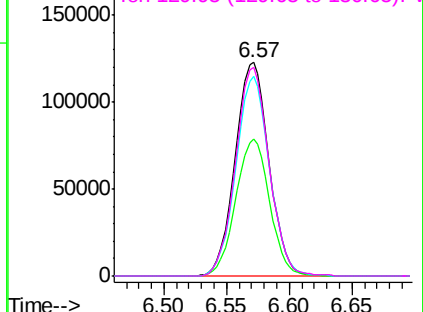
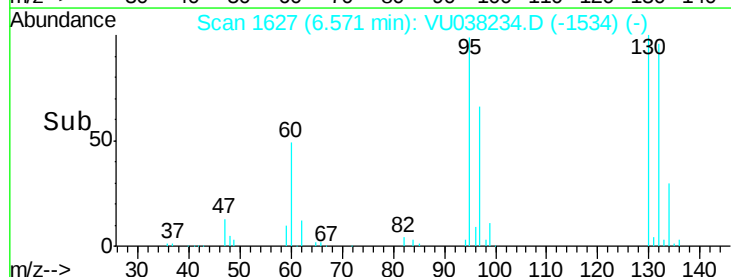
97 64.0 44.9 83.3

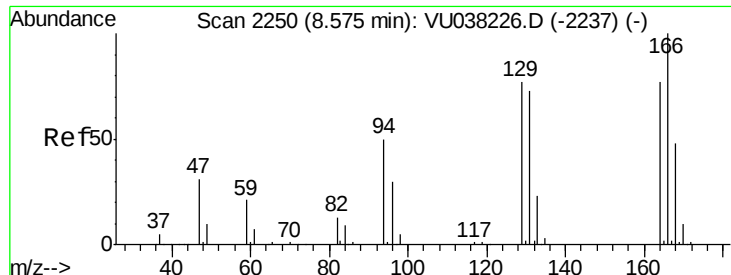
132 93.2 63.3 117.5

130 97.5 65.7 122.1



Abundance Ion 95.00 (94.70 to 95.70): VU038234.D (-1534) (-)





#47

Tetrachloroethene

Concen: 5.667 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038234.D

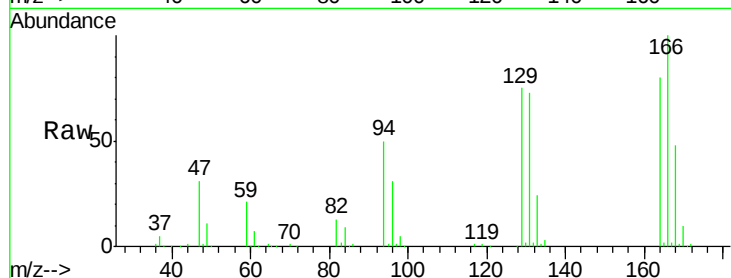
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Tot Ion:164 Resp: 110388

Ion Ratio Lower Upper

164 100

129 93.4 68.8 127.8

131 91.8 66.8 124.2

166 125.0 88.9 165.1

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

