

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051820\
 Data File : VU038219.D
 Acq On : 18 May 2020 14:48
 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 18 23:15:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 18 22:23:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	362191	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	348472	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	165927	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123842	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.92	69	108842	3.80	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.00%
11) 1,1-Dichloroethene-d2	2.58	63	147687	2.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.40%#
20) 2-Butanone-d5	4.67	46	433661	53.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.10%
24) Chloroform-d	5.10	84	216846	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.74	65	135428	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.76	84	444745	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.72	67	151228	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.92	98	379583	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	8.20	79	56581	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.66	63	344003	53.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	130141	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	153148	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

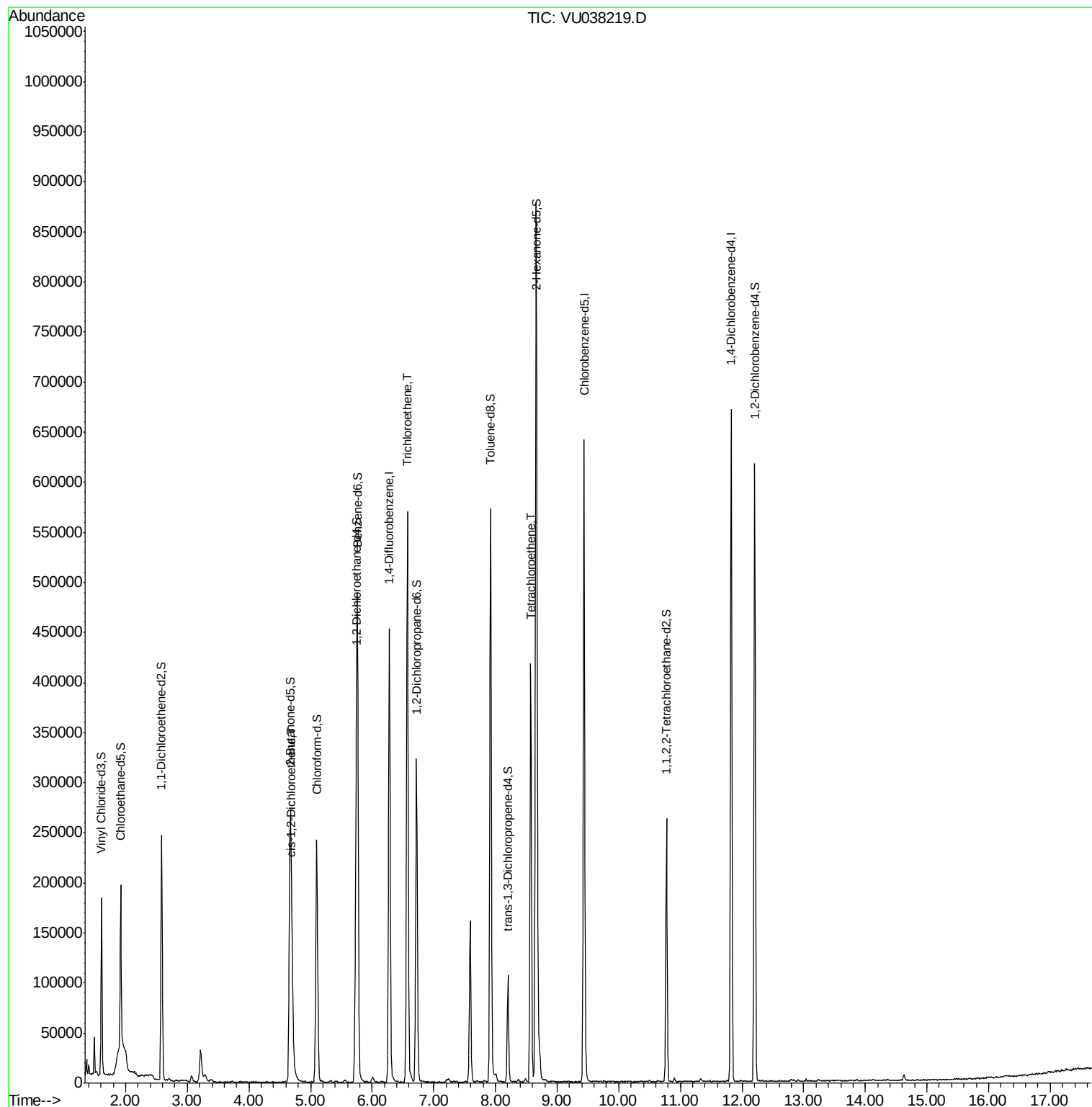
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.70	96	27014	0.914 ug/L	91
34) Trichloroethene	6.57	95	193403	6.930 ug/L	98
47) Tetrachloroethene	8.57	164	92345	4.730 ug/L	97

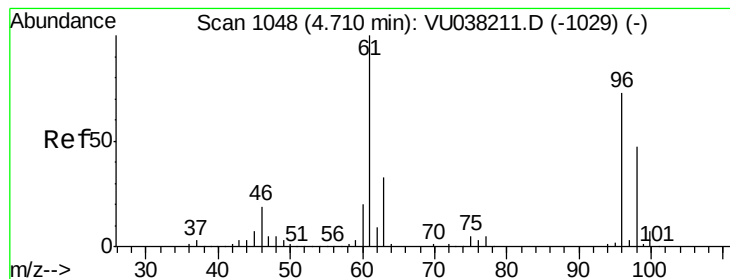
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.914 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

BFSW1DL

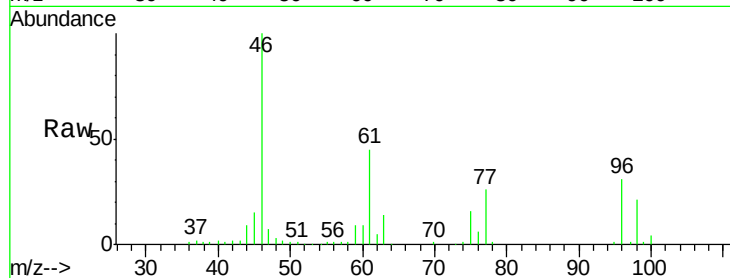
Tot Ion: 96 Resp: 27014

Ion Ratio Lower Upper

96 100

61 147.0 95.3 176.9

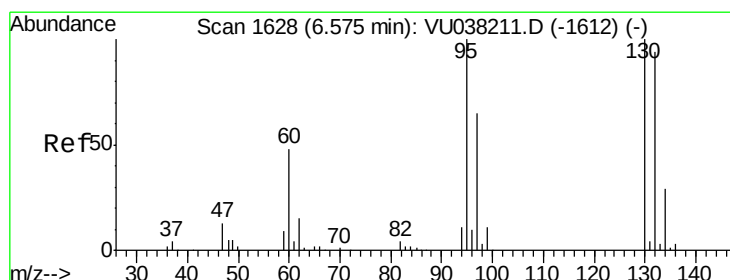
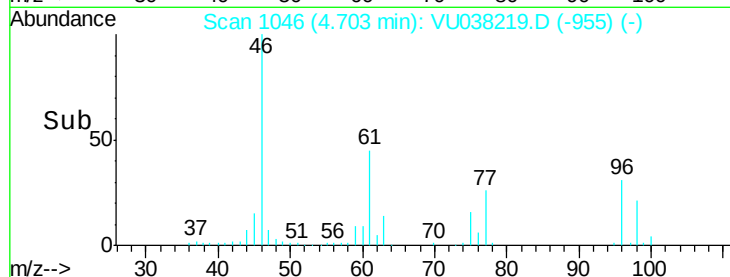
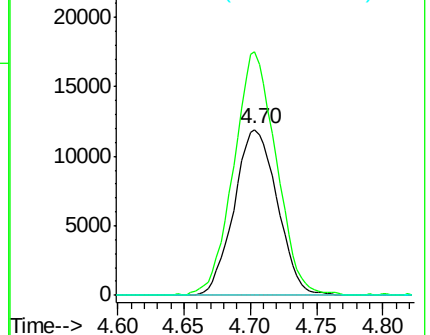
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038219.D (-1029) (-)

Ion 61.05 (60.75 to 61.75): VU038219.D (-1029) (-)

Ion 68.15 (67.85 to 68.85): VU038219.D (-1029) (-)



#34

Trichloroethene

Concen: 6.930 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038219.D

Acq: 18 May 2020 14:48

Tgt Ion: 95 Resp: 193403

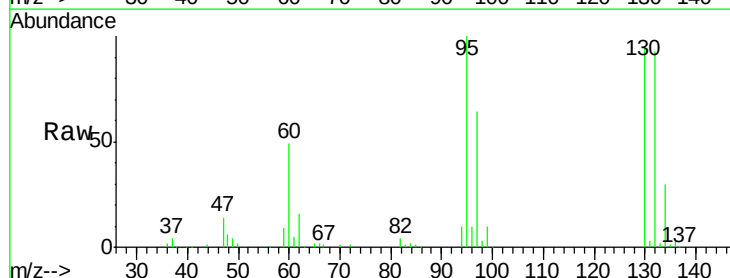
Ion Ratio Lower Upper

95 100

97 63.9 44.9 83.3

132 93.3 63.3 117.5

130 95.5 65.7 122.1

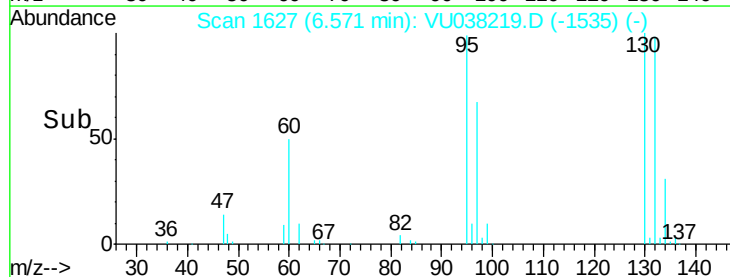
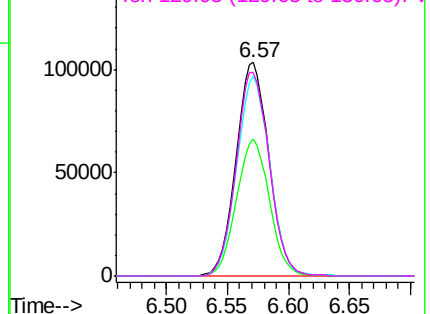


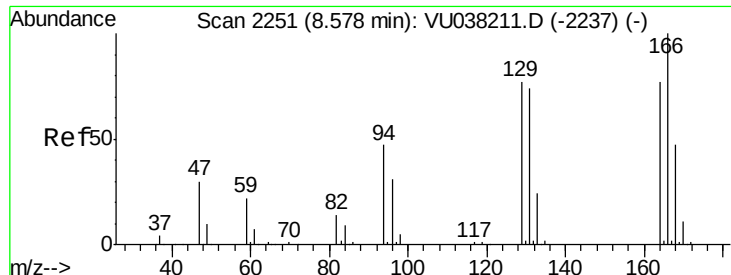
Abundance Ion 95.00 (94.70 to 95.70): VU038219.D (-1612) (-)

Ion 96.95 (96.65 to 97.65): VU038219.D (-1612) (-)

Ion 131.95 (131.65 to 132.65): VU038219.D (-1612) (-)

Ion 129.95 (129.65 to 130.65): VU038219.D (-1612) (-)





#47

Tetrachloroethene

Concen: 4.730 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

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Acq: 18 May 2020 14:48

Instrument :

MSVOA_U

ClientSampleId :

BFSW1DL

Tot Ion:164 Resp: 92345

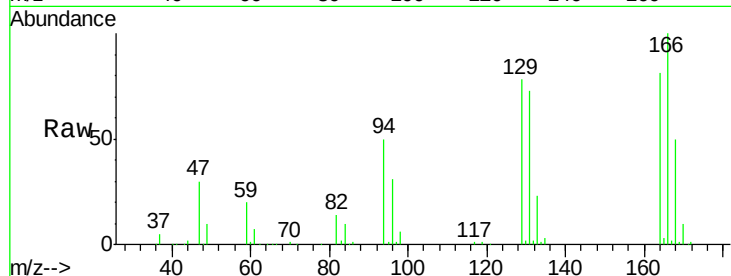
Ion Ratio Lower Upper

164 100

129 96.9 68.8 127.8

131 90.8 66.8 124.2

166 123.6 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

