

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038912.D
 Acq On : 15 Jun 2020 23:18
 Operator : SY/MD
 Sample : L2985-06DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT74DL

Quant Time: Jun 16 04:32:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 16 01:57:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	287250	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	318491	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	132318	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85087	5.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.00%
7) Chloroethane-d5	1.93	69	97208	6.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	138.40%#
11) 1,1-Dichloroethene-d2	2.58	63	141649	4.08	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.69	46	342735	66.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.32%#
24) Chloroform-d	5.10	84	187056	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.74	65	115592	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.76	84	368744	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.72	67	114721	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.92	98	305854	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.20	79	46247	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.67	63	279022	57.95	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104693	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	129832	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

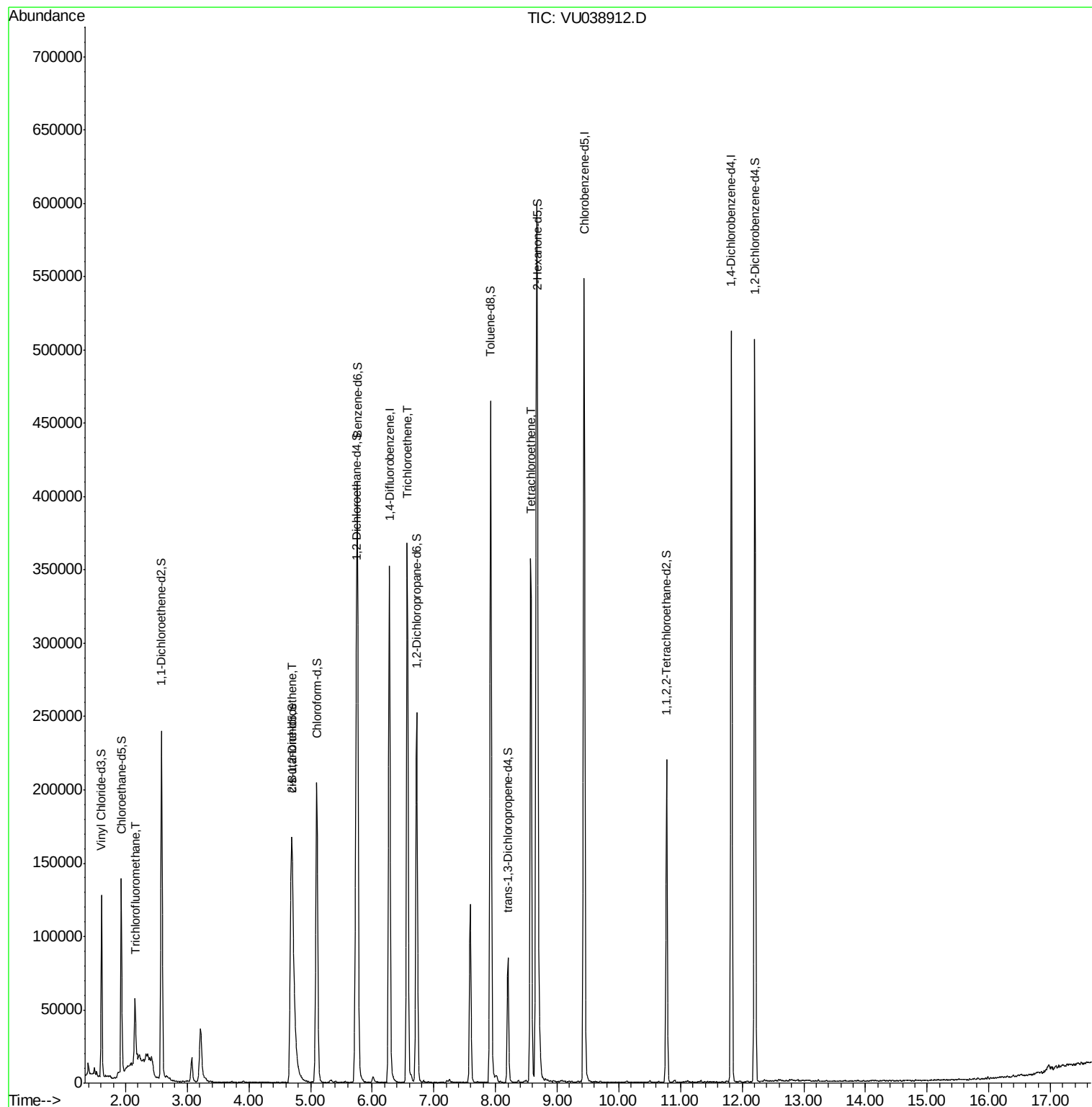
					Ovalue
9) Trichlorofluoromethane	2.15	101	23014	0.539 ug/L	97
22) cis-1,2-Dichloroethene	4.70	96	17973	0.799 ug/L	93
34) Trichloroethene	6.57	95	125819	5.093 ug/L	99
47) Tetrachloroethene	8.57	164	82691	4.368 ug/L	99

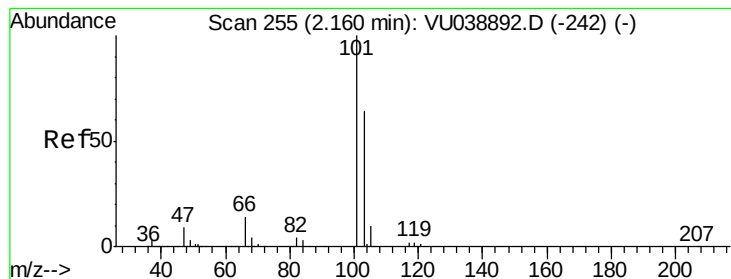
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.539 ug/L

RT: 2.15 min Scan# 253

Delta R.T. -0.01 min

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Acq: 15 Jun 2020 23:18

Instrument :

MSVOA_U

ClientSampleId :

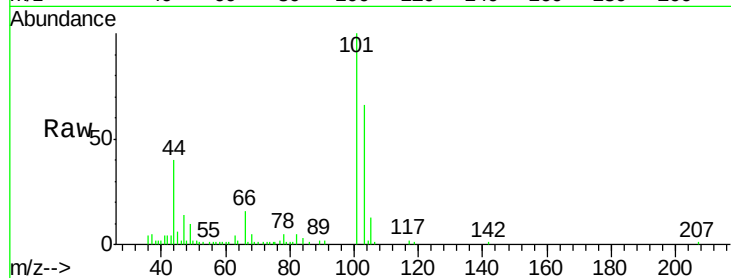
BFT74DL

Tot Ion:101 Resp: 23014

Ion Ratio Lower Upper

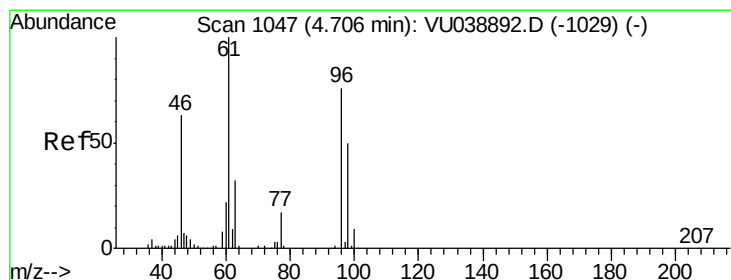
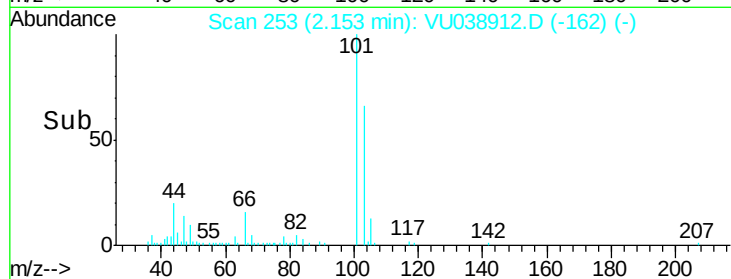
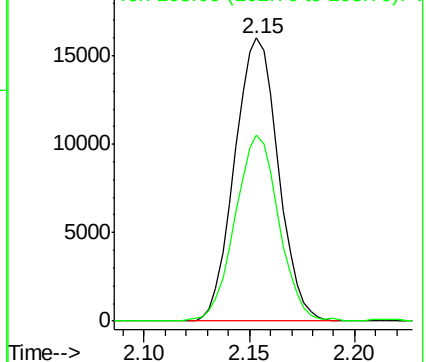
101 100

103 65.9 51.1 76.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#22

cis-1,2-Dichloroethene

Concen: 0.799 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

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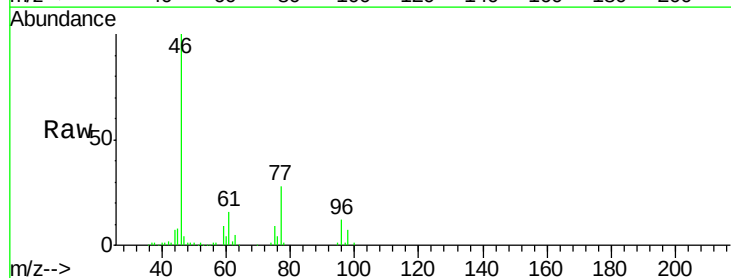
Tgt Ion: 96 Resp: 17973

Ion Ratio Lower Upper

96 100

61 137.7 90.5 168.1

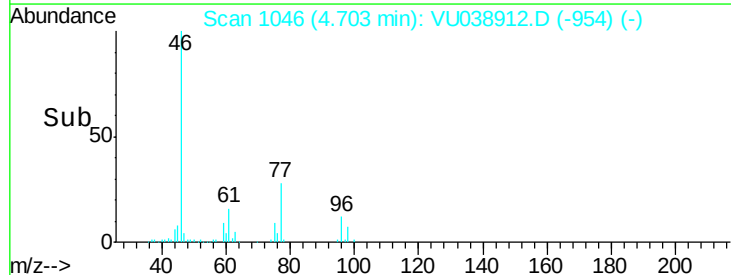
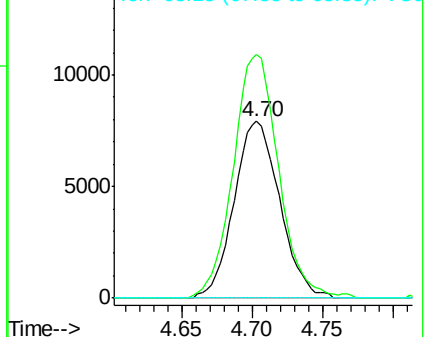
68 0.0 0.0 0.0

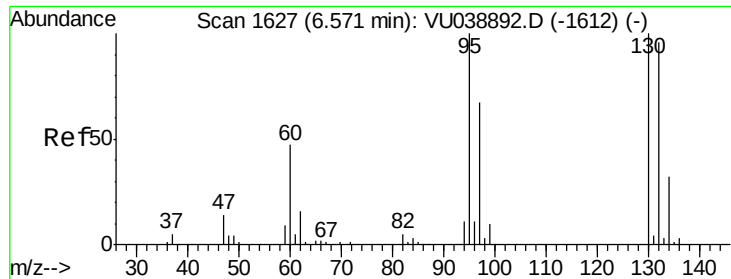


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 5.093 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU038912.D

Acq: 15 Jun 2020 23:18

Instrument :

MSVOA_U

ClientSampleId :

BFT74DL

Tot Ion: 95 Resp: 125819

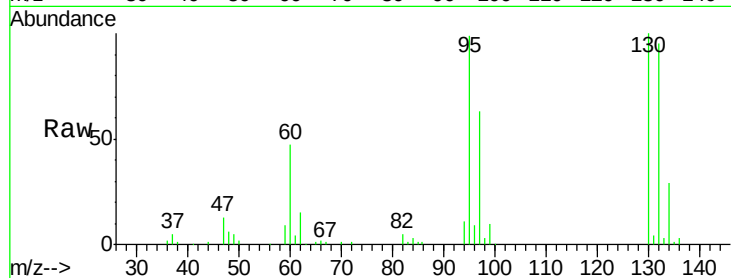
Ion Ratio Lower Upper

95 100

97 63.8 46.1 85.5

132 96.1 68.2 126.6

130 101.0 71.0 131.9

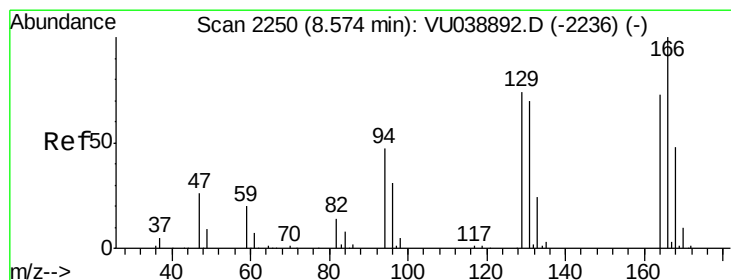
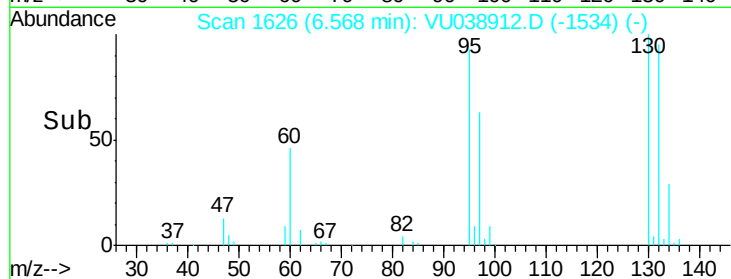
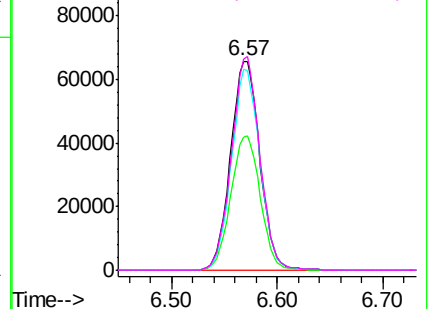


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 4.368 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038912.D

Acq: 15 Jun 2020 23:18

Tgt Ion:164 Resp: 82691

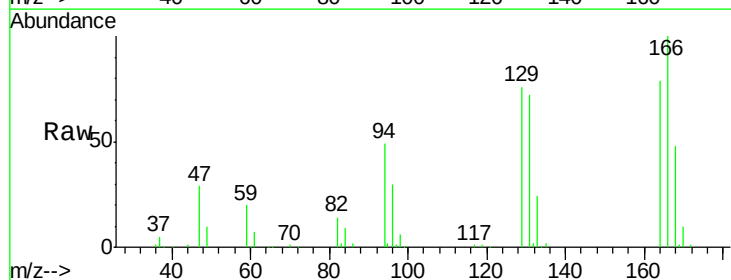
Ion Ratio Lower Upper

164 100

129 95.6 65.5 121.7

131 91.2 63.9 118.7

166 125.8 87.9 163.3



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

