

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061520\
 Data File : VU038910.D
 Acq On : 15 Jun 2020 22:32
 Operator : SY/MD
 Sample : L2985-04DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT72DL

Quant Time: Jun 16 04:17:50 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	283426	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	286667	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	149084	5.00	ug/L	0.00

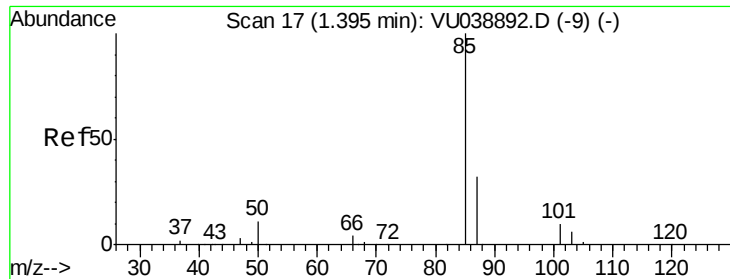
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85229	6.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.80%
7) Chloroethane-d5	1.93	69	77286	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.58	63	135249	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	4.69	46	324795	63.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.08%
24) Chloroform-d	5.10	84	181159	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.74	65	113036	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
32) Benzene-d6	5.76	84	356605	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.72	67	110581	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.92	98	293055	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	8.20	79	44253	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.67	63	271299	62.60	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.20%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104452	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	125845	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	17138	0.621 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	8348	0.163 ug/L	97
22) cis-1,2-Dichloroethene	4.70	96	8454	0.381 ug/L	97
34) Trichloroethene	6.57	95	199561	8.975 ug/L	99
47) Tetrachloroethene	8.57	164	141260	8.290 ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 0.621 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

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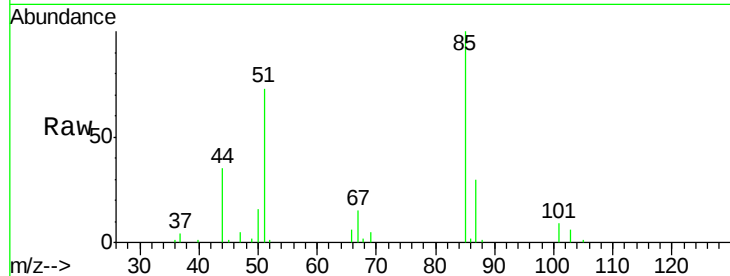
BFT72DL

Tot Ion: 85 Resp: 17138

Ion Ratio Lower Upper

85 100

87 30.5 25.0 37.6



Abundance Ion 85.00 (84.70 to 85.70): VU038910.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU038910.D (-1) (-)

1.39

15000

10000

5000

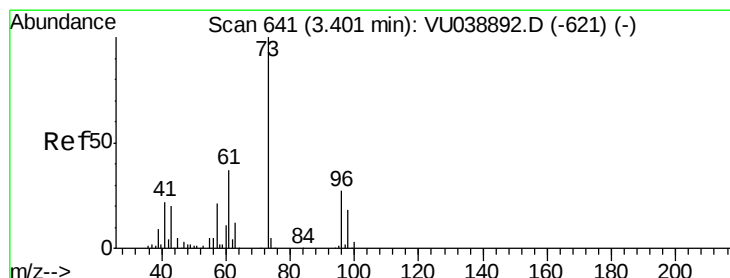
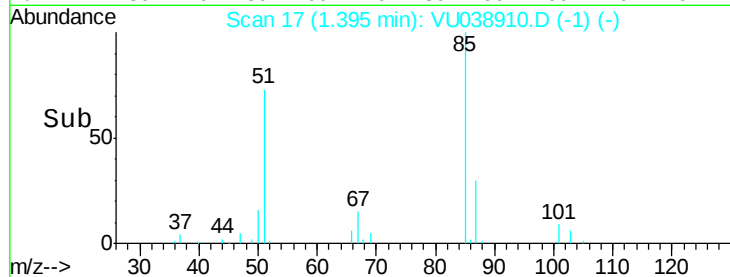
0

Time-->

1.35

1.40

1.45



#17

Methyl tert-butyl Ether

Concen: 0.163 ug/L

RT: 3.40 min Scan# 641

Delta R.T. 0.00 min

Lab File: VU038910.D

Acq: 15 Jun 2020 22:32

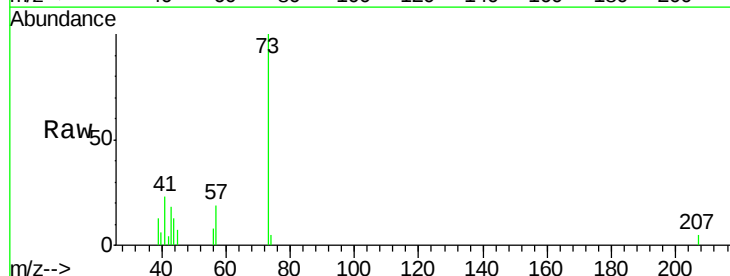
Tgt Ion: 73 Resp: 8348

Ion Ratio Lower Upper

73 100

43 22.0 16.6 24.8

57 20.1 17.5 26.3



Abundance Ion 73.10 (72.80 to 73.80): VU038910.D (-548) (-)

Ion 43.05 (42.75 to 43.75): VU038910.D (-548) (-)

Ion 57.10 (56.80 to 57.80): VU038910.D (-548) (-)

3.40

5000

4000

3000

2000

1000

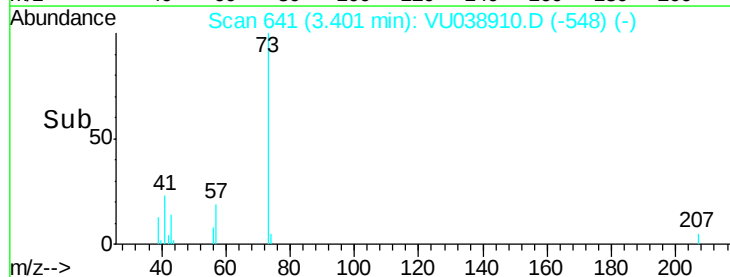
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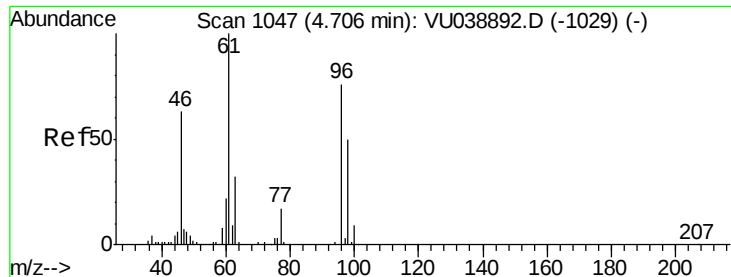
Time-->

3.35

3.40

3.45





#22

cis-1,2-Dichloroethene

Concen: 0.381 ug/L

RT: 4.70 min Scan# 1045

Delta R.T. -0.01 min

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Instrument :

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BFT72DL

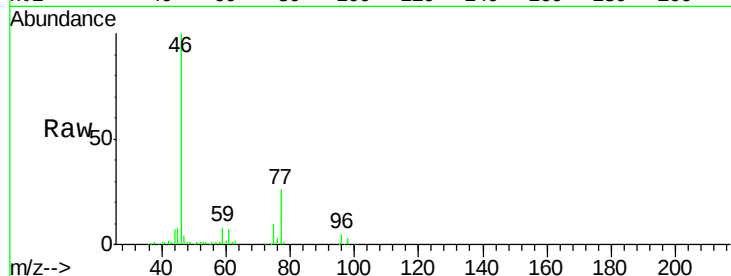
Tot Ion: 96 Resp: 8454

Ion Ratio Lower Upper

96 100

61 132.3 90.5 168.1

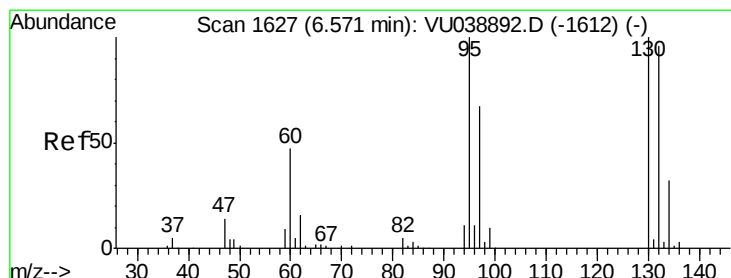
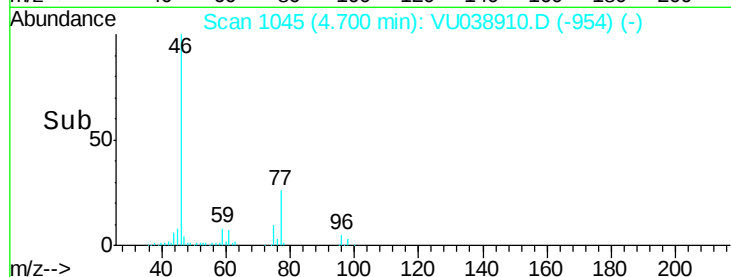
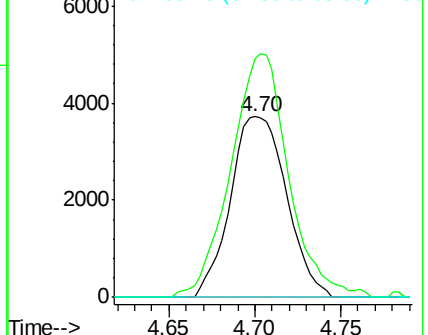
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038910.D (-1534) (-)

Ion 61.05 (60.75 to 61.75): VU038910.D (-1534) (-)

Ion 68.15 (67.85 to 68.85): VU038910.D (-1534) (-)



#34

Trichloroethene

Concen: 8.975 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038910.D

Acq: 15 Jun 2020 22:32

Tgt Ion: 95 Resp: 199561

Ion Ratio Lower Upper

95 100

97 66.6 46.1 85.5

132 96.9 68.2 126.6

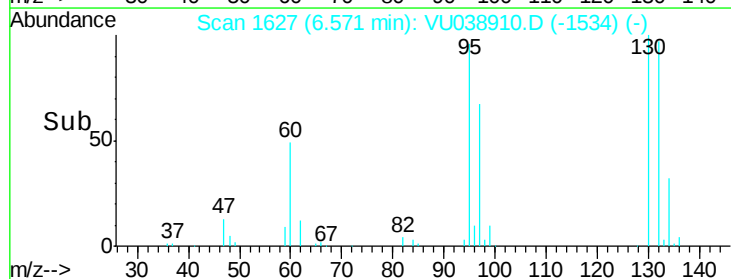
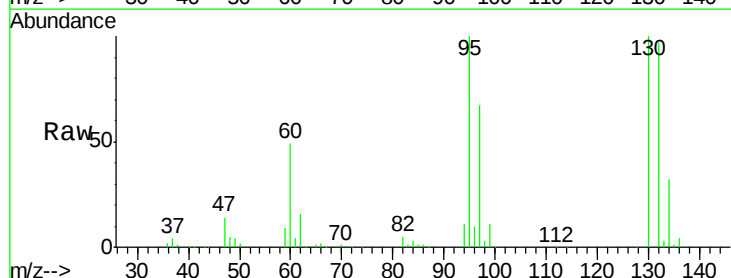
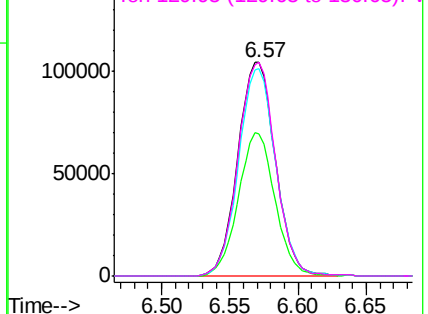
130 99.8 71.0 131.9

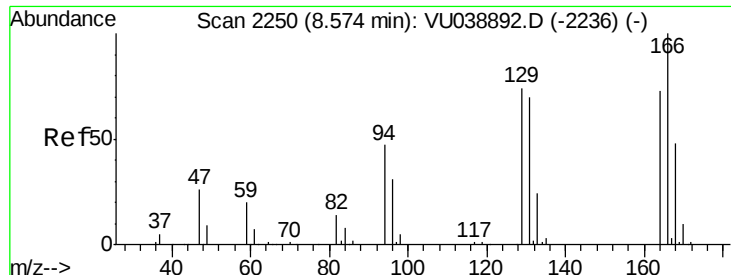
Abundance Ion 95.00 (94.70 to 95.70): VU038910.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038910.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU038910.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038910.D (-1534) (-)





#47

Tetrachloroethene

Concen: 8.290 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038910.D

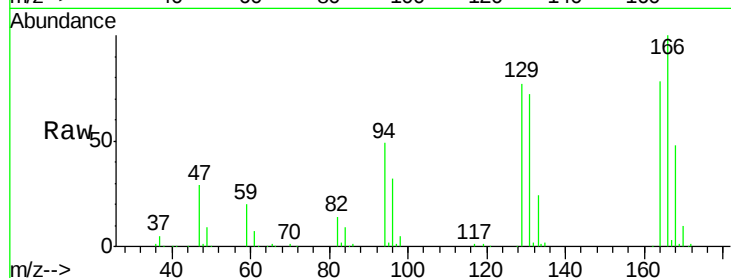
Acq: 15 Jun 2020 22:32

Instrument :

MSVOA_U

ClientSampleId :

BFT72DL



Tot Ion:164 Resp: 141260

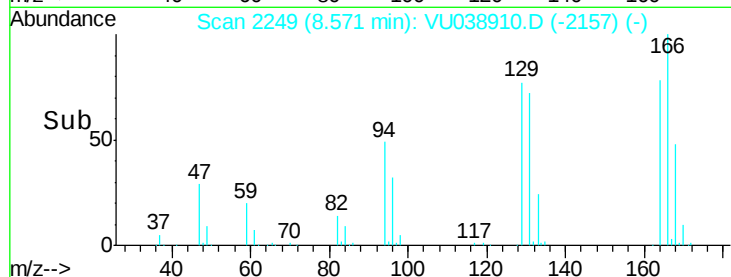
Ion Ratio Lower Upper

164 100

129 98.7 65.5 121.7

131 92.4 63.9 118.7

166 128.7 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

