

Data File : VU038432.D
Acq On : 30 May 2020 22:34
Operator : JC/MD
Sample : L2787-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFX93

Quant Time: Jun 09 02:47:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 02:37:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	307000	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	298037	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	142821	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99552	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.93	69	79963	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.59	63	146297	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.67	46	367990	60.97	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.94%
24) Chloroform-d	5.10	84	199113	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.74	65	120994	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.20%
32) Benzene-d6	5.76	84	403047	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.72	67	127096	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.92	98	337087	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	8.20	79	49562	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.65	63	323757	66.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.26%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110109	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	139676	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

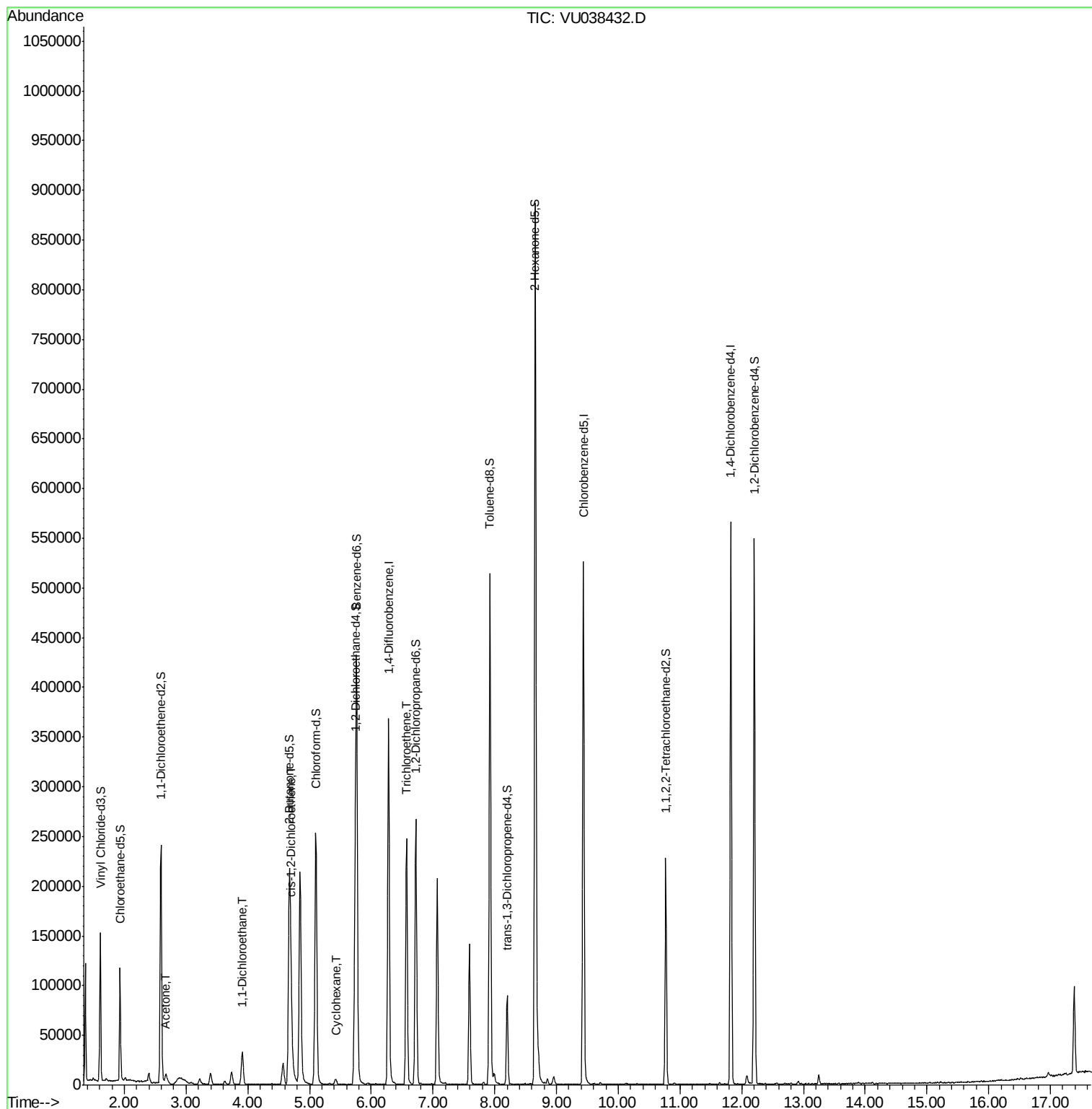
					Qvalue
13) Acetone	2.67	43	16976	4.298 ug/L	98
19) 1,1-Dichloroethane	3.91	63	37524	1.029 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	11362	0.518 ug/L	88
30) Cyclohexane	5.42	56	2536	0.077 ug/L #	81
34) Trichloroethene	6.57	95	84364	3.911 ug/L	94

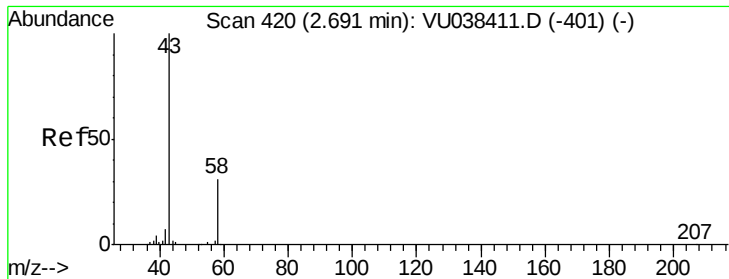
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.298 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.02 min

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MSVOA_U

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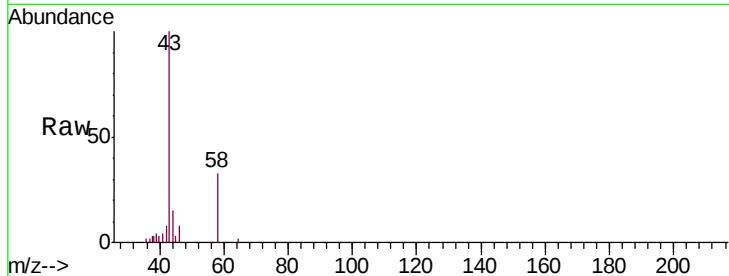
BFX93

Tgt Ion: 43 Resp: 16976

Ion Ratio Lower Upper

43 100

58 31.8 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038411.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038411.D (-401) (-)

2.67

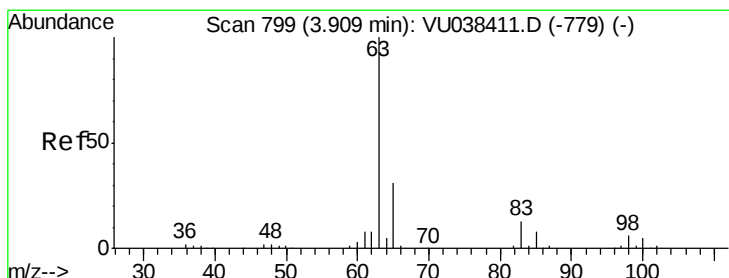
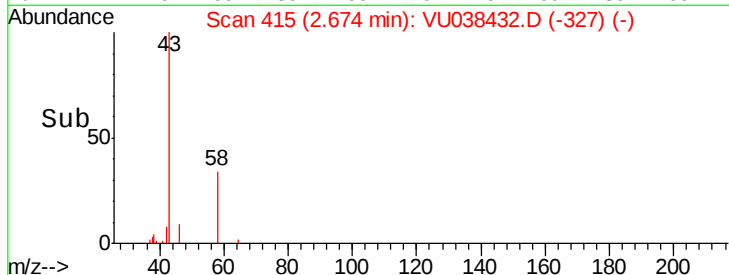
6000

4000

2000

0

Time-->



#19

1,1-Dichloroethane

Concen: 1.029 ug/L

RT: 3.91 min Scan# 800

Delta R.T. 0.00 min

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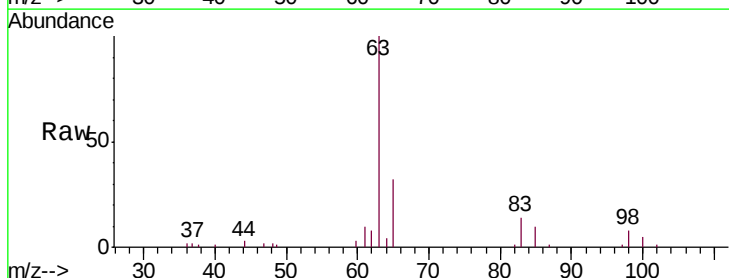
Tgt Ion: 63 Resp: 37524

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 13.7 10.4 19.4



Abundance Ion 63.10 (62.80 to 63.80): VU038411.D (-779) (-)

Ion 65.10 (64.80 to 65.80): VU038411.D (-779) (-)

Ion 83.05 (82.75 to 83.75): VU038411.D (-779) (-)

3.91

20000

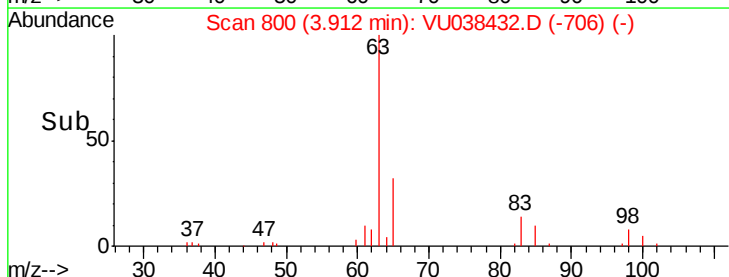
15000

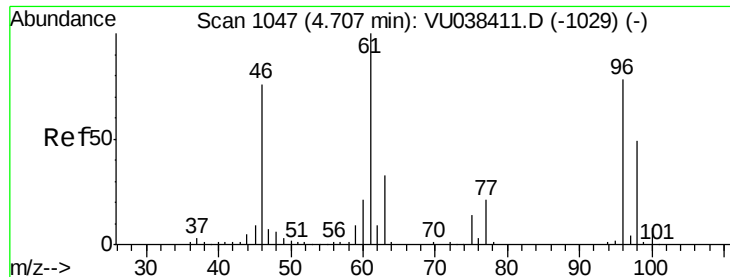
10000

5000

0

Time-->





#22

cis-1,2-Dichloroethene

Concen: 0.518 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

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BFX93

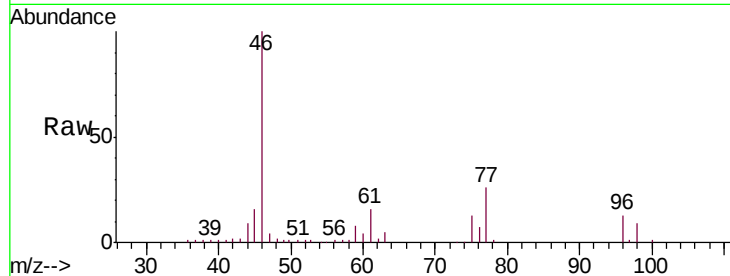
Tgt Ion: 96 Resp: 11362

Ion Ratio Lower Upper

96 100

61 120.3 94.0 174.6

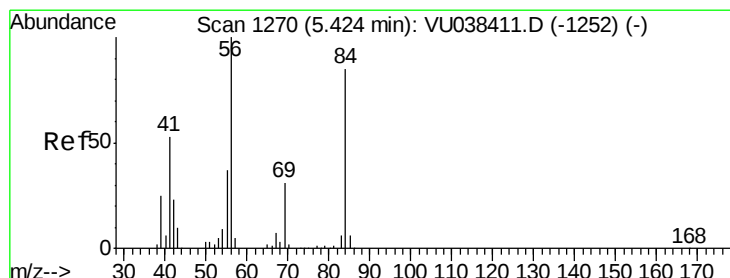
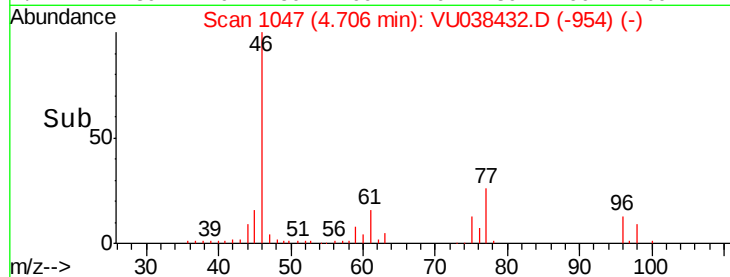
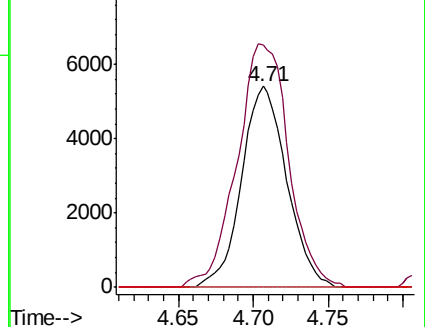
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038411.D (-1029) (-)

Ion 61.05 (60.75 to 61.75): VU038411.D (-1029) (-)

Ion 68.15 (67.85 to 68.85): VU038411.D (-1029) (-)



#30

Cyclohexane

Concen: 0.077 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

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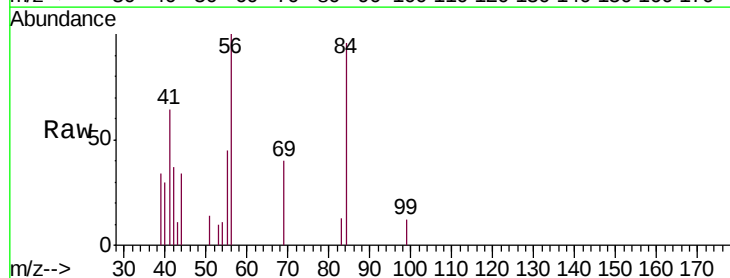
Tgt Ion: 56 Resp: 2536

Ion Ratio Lower Upper

56 100

69 22.2 24.2 36.4#

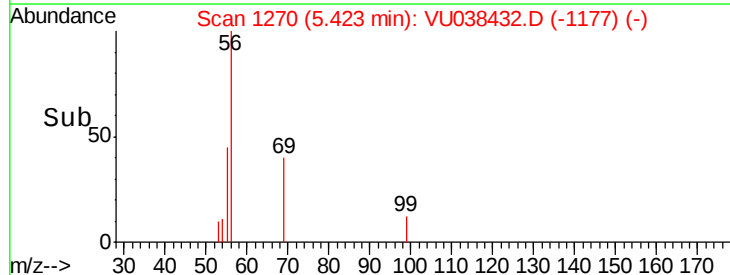
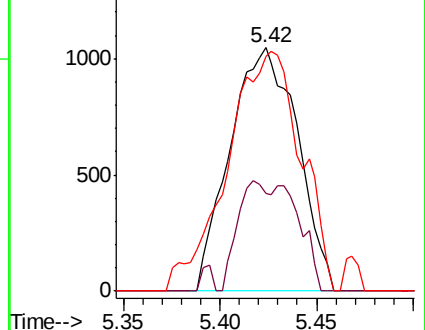
84 107.6 70.8 106.2#

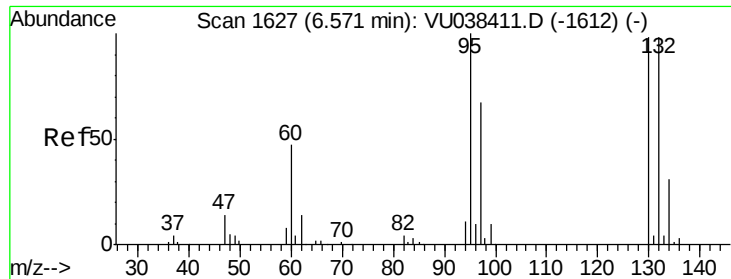


Abundance Ion 56.10 (55.80 to 56.80): VU038411.D (-1252) (-)

Ion 69.15 (68.85 to 69.85): VU038411.D (-1252) (-)

Ion 84.15 (83.85 to 84.85): VU038411.D (-1252) (-)





#34

Trichloroethene

Concen: 3.911 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038432.D

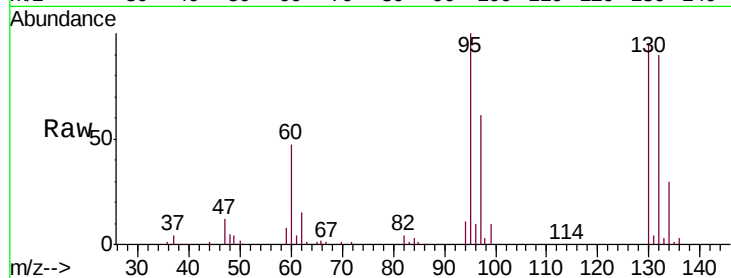
Acq: 30 May 2020 22:34

Instrument :

MSVOA_U

ClientSampleId :

BFX93



Tgt Ion: 95 Resp: 84364

Ion Ratio Lower Upper

95 100

97 60.7 46.8 87.0

132 89.5 66.1 122.7

130 95.2 70.0 130.0

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

