

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038470.D
 Acq On : 01 Jun 2020 14:56
 Operator : JC/MD
 Sample : L2789-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX81

Quant Time: Jun 02 06:38:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 05:25:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	297968	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	298867	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	136748	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	77816	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.93	69	73166	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.59	63	123955	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.68	46	346625	59.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.34%
24) Chloroform-d	5.10	84	188958	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.74	65	114497	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.76	84	374130	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.72	67	117849	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.92	98	306829	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	8.20	79	47750	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.65	63	286938	58.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103719	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	128419	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

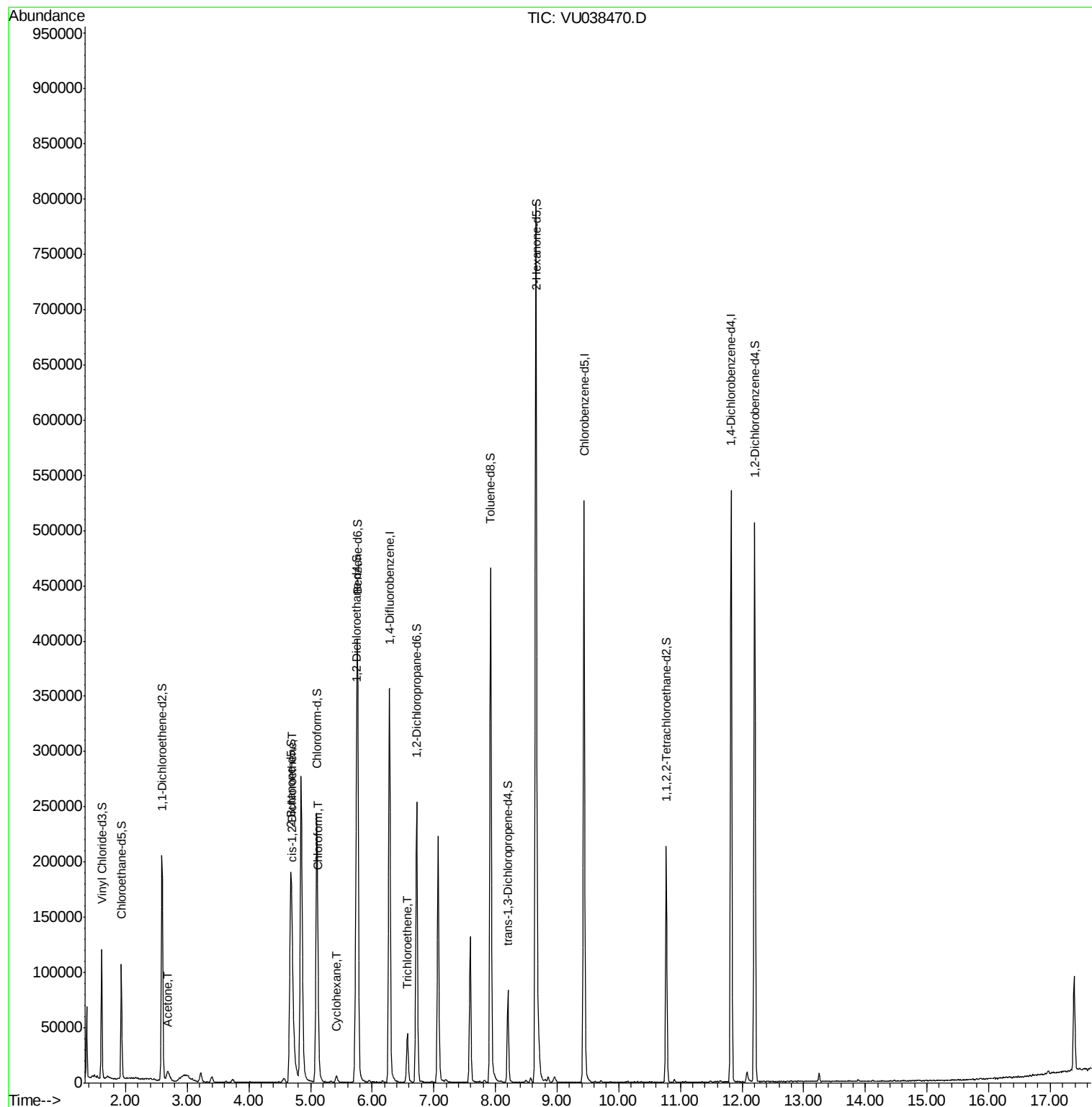
					Ovalue
13) Acetone	2.68	43	20233	5.277 ug/L	94
22) cis-1,2-Dichloroethene	4.71	96	4364	0.205 ug/L	97
25) Chloroform	5.13	83	5759	0.160 ug/L	96
30) Cyclohexane	5.42	56	2375	0.072 ug/L #	89
34) Trichloroethene	6.57	95	14175	0.655 ug/L	97

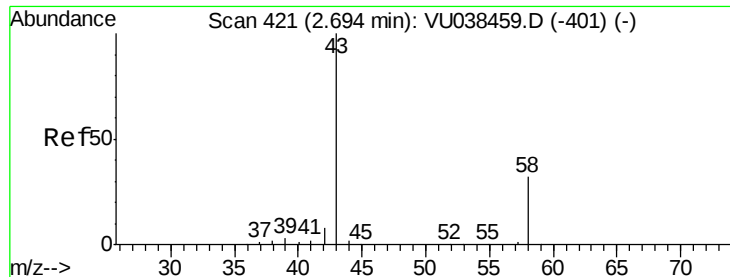
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.277 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.01 min

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Acq: 01 Jun 2020 14:56

Instrument :

MSVOA_U

ClientSampleId :

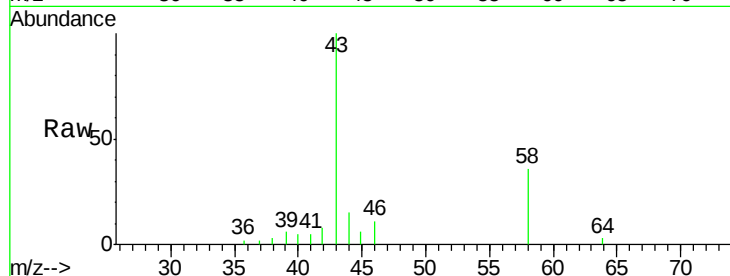
BFX81

Tot Ion: 43 Resp: 20233

Ion Ratio Lower Upper

43 100

58 29.5 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038470.D (-328) (-)

Ion 58.05 (57.75 to 58.75): VU038470.D (-328) (-)

2.68

6000

5000

4000

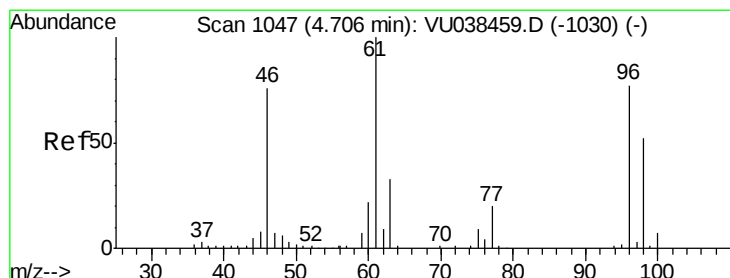
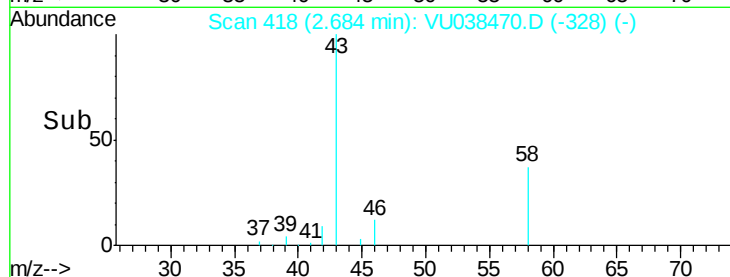
3000

2000

1000

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.205 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038470.D

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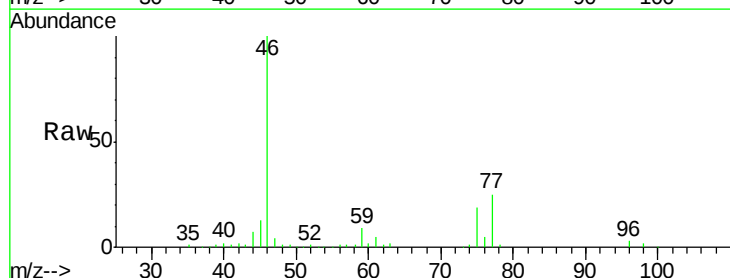
Tgt Ion: 96 Resp: 4364

Ion Ratio Lower Upper

96 100

61 137.4 94.0 174.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038470.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU038470.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU038470.D (-954) (-)

4.71

4000

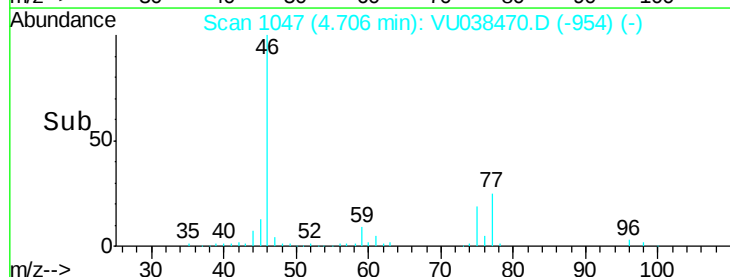
3000

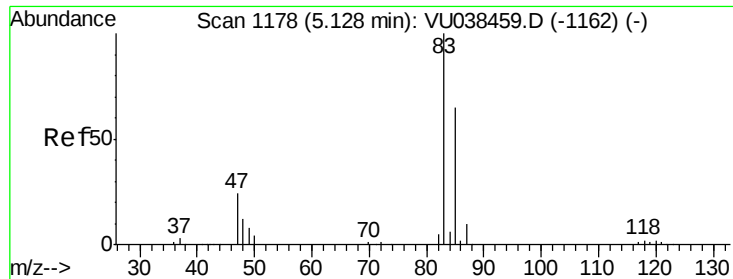
2000

1000

0

Time-->





#25

Chloroform

Concen: 0.160 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU038470.D

Acq: 01 Jun 2020 14:56

Instrument :

MSVOA_U

ClientSampleId :

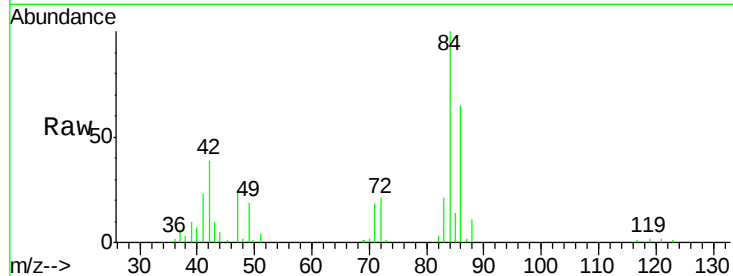
BFX81

Tot Ion: 83 Resp: 5759

Ion Ratio Lower Upper

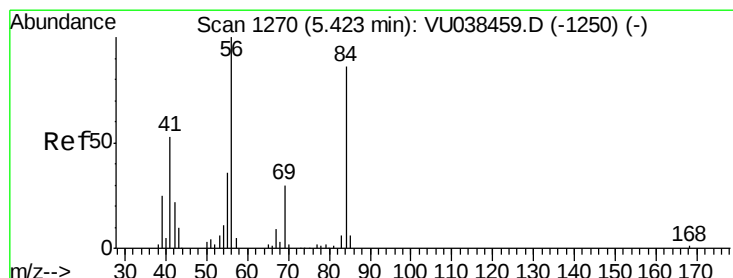
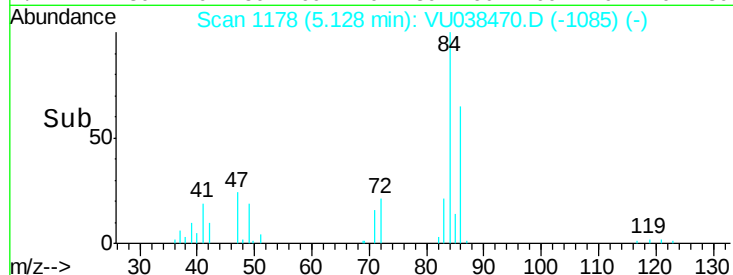
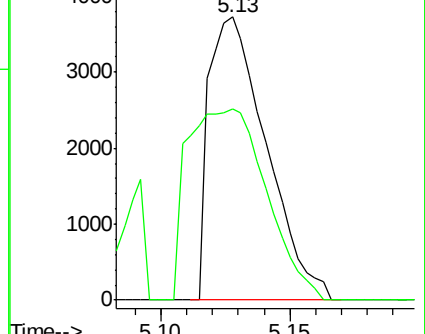
83 100

85 67.7 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#30

Cyclohexane

Concen: 0.072 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VU038470.D

Acq: 01 Jun 2020 14:56

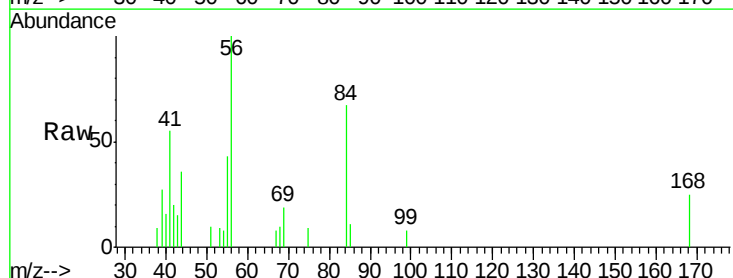
Tgt Ion: 56 Resp: 2375

Ion Ratio Lower Upper

56 100

69 14.9 24.2 36.4#

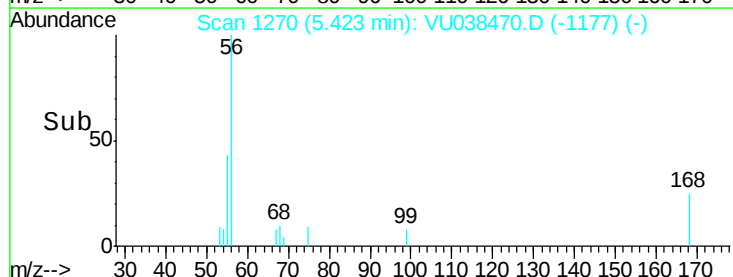
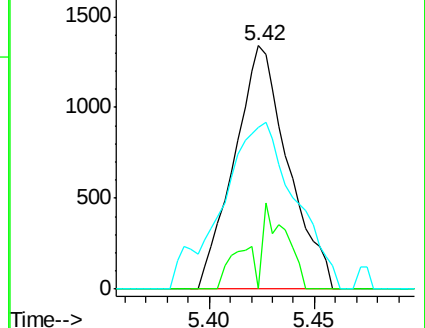
84 93.4 70.8 106.2

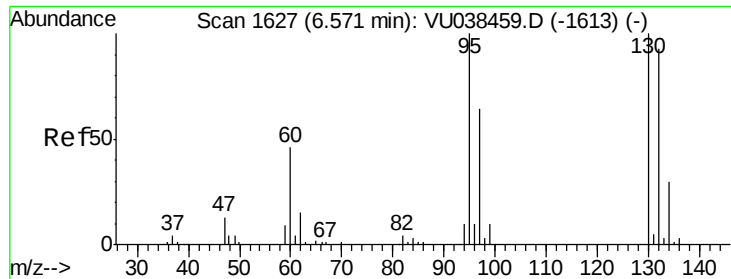


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





#34

Trichloroethene

Concen: 0.655 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU038470.D

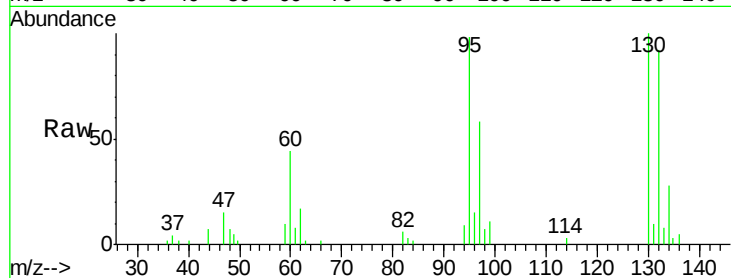
Acq: 01 Jun 2020 14:56

Instrument :

MSVOA_U

ClientSampleId :

BFX81



Tot Ion: 95 Resp: 14175

Ion Ratio Lower Upper

95 100

97 59.4 46.8 87.0

132 94.0 66.1 122.7

130 102.2 70.0 130.0

