

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038463.D
 Acq On : 01 Jun 2020 12:14
 Operator : JC/MD
 Sample : L2789-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX70

Quant Time: Jun 02 05:44:55 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	333518	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	329945	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157428	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	83192	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.93	69	77481	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.59	63	131716	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.68	46	386924	59.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.02%
24) Chloroform-d	5.10	84	196008	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.74	65	120591	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.76	84	389294	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.72	67	121480	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.92	98	322711	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.20	79	51605	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.66	63	323933	60.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.44%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112392	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	133235	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

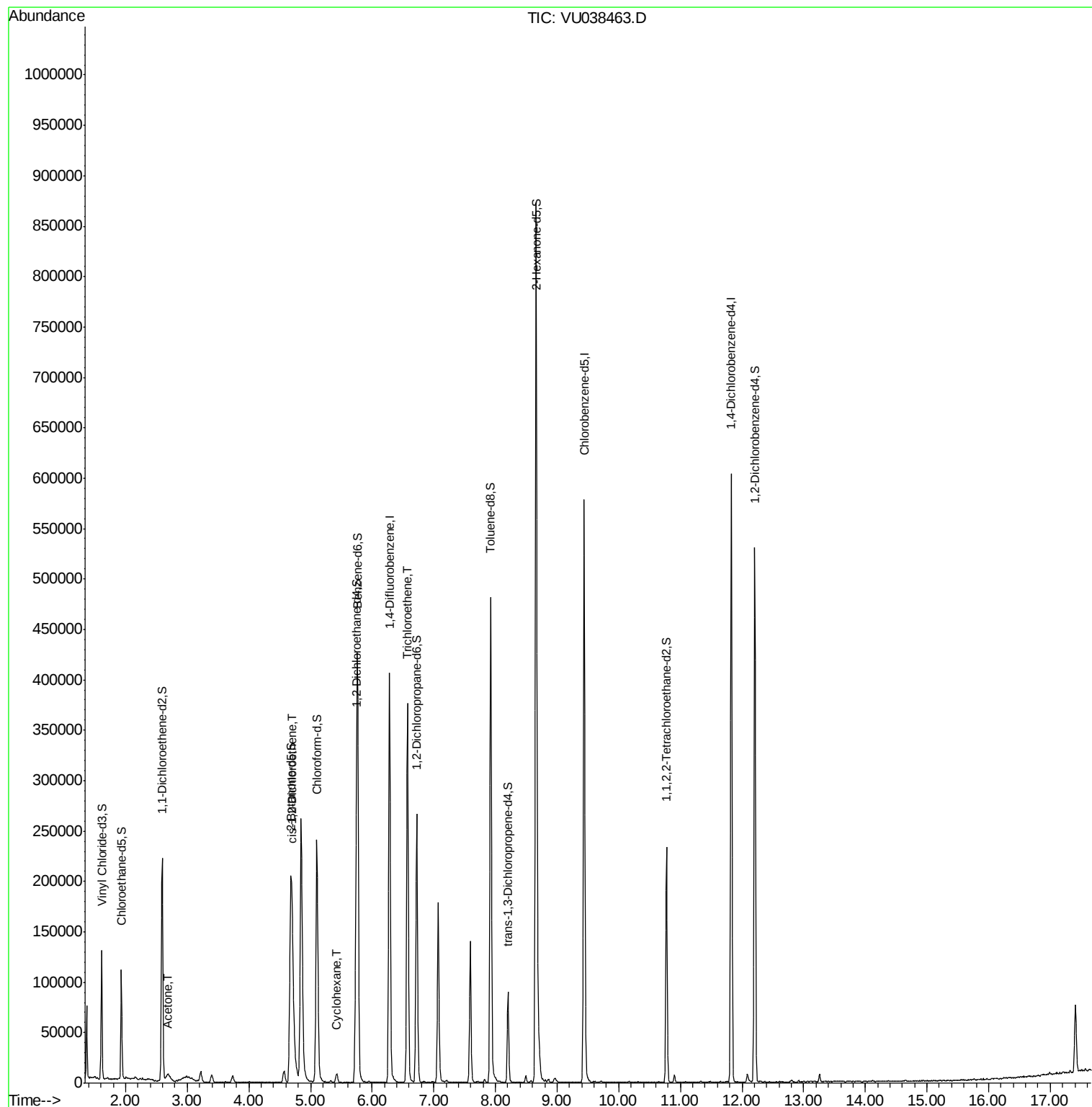
					Ovalue
13) Acetone	2.69	43	17990	4.192 ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	19506	0.818 ug/L	100
30) Cyclohexane	5.42	56	4138	0.113 ug/L	88
34) Trichloroethene	6.57	95	128566	5.384 ug/L	97

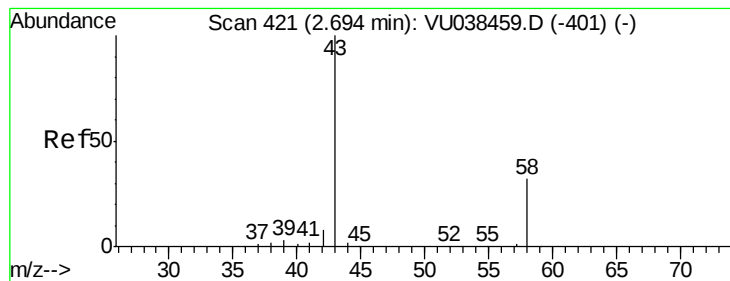
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.192 ug/L

RT: 2.69 min Scan# 419

Delta R.T. -0.01 min

Lab File: VU038463.D

Acq: 01 Jun 2020 12:14

Instrument :

MSVOA_U

ClientSampleId :

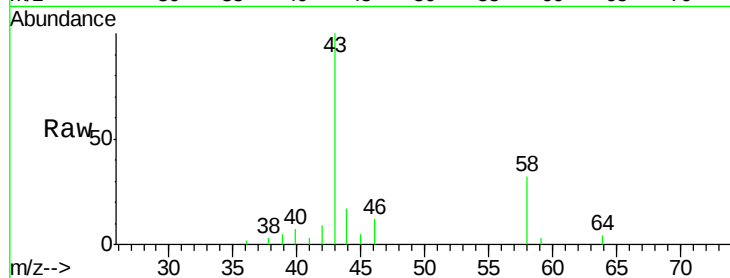
BFX70

Tot Ion: 43 Resp: 17990

Ion Ratio Lower Upper

43 100

58 34.6 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038459.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038459.D (-401) (-)

2.69

5000

4000

3000

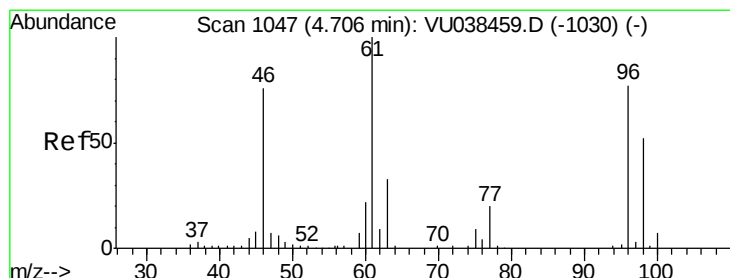
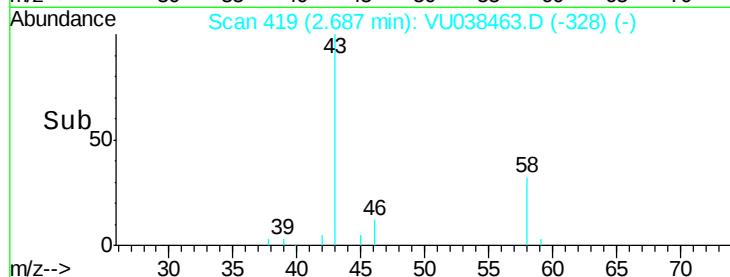
2000

1000

0

Time-->

2.60 2.70 2.80



#22

cis-1,2-Dichloroethene

Concen: 0.818 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038463.D

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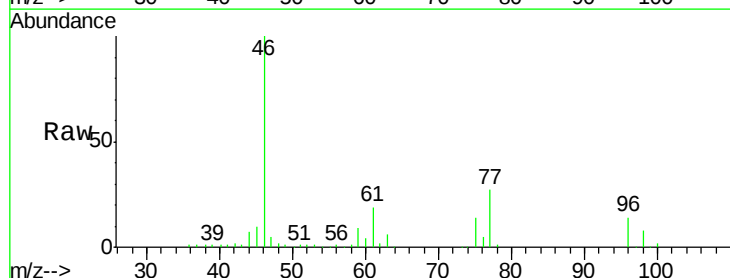
Tgt Ion: 96 Resp: 19506

Ion Ratio Lower Upper

96 100

61 134.4 94.0 174.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038459.D (-1030) (-)

Ion 61.05 (60.75 to 61.75): VU038459.D (-1030) (-)

Ion 68.15 (67.85 to 68.85): VU038459.D (-1030) (-)

15000

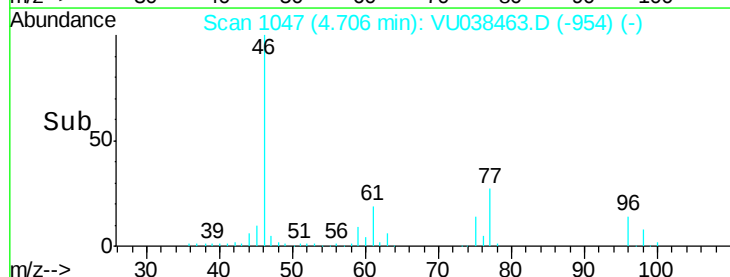
10000

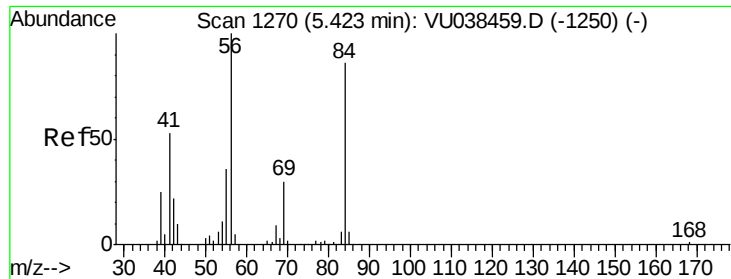
5000

0

Time-->

4.65 4.70 4.75 4.80

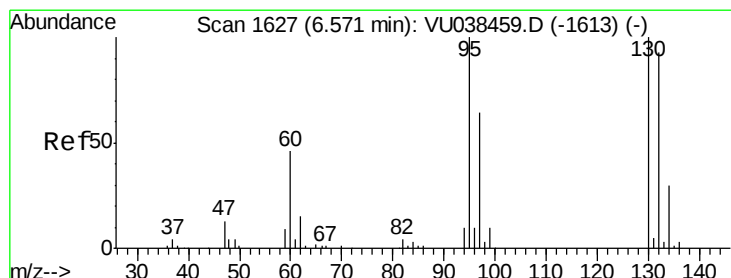
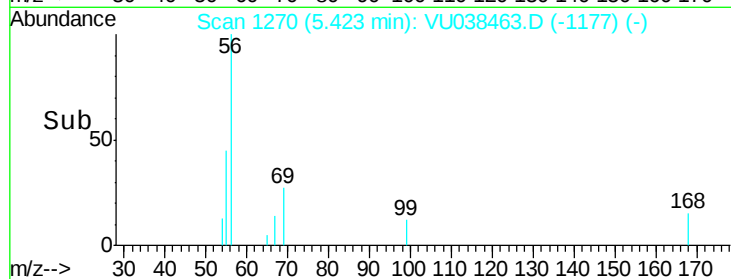
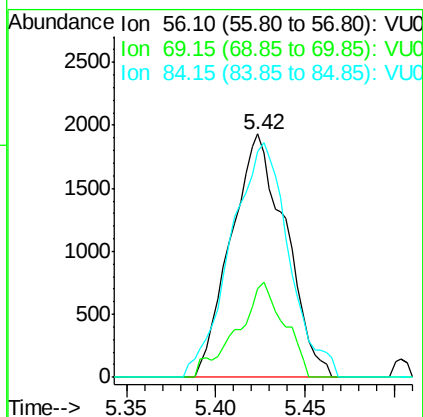
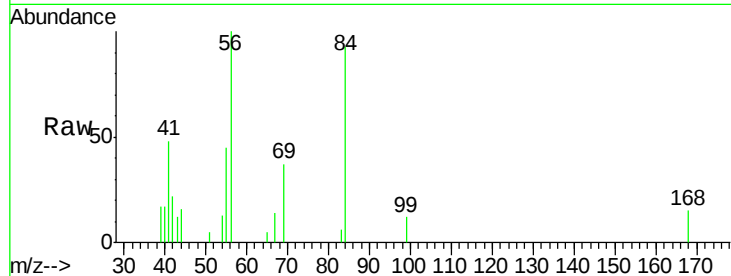




#30
Cyclohexane
Concen: 0.113 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
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Instrument :
MSVOA_U
ClientSampled :
BFX70

Tot Ion: 56 Resp: 4138
Ion Ratio Lower Upper
56 100
69 33.5 24.2 36.4
84 102.0 70.8 106.2



#34
Trichloroethene
Concen: 5.384 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038463.D
Acq: 01 Jun 2020 12:14

Tgt Ion: 95 Resp: 128566
Ion Ratio Lower Upper
95 100
97 63.5 46.8 87.0
132 95.2 66.1 122.7
130 96.7 70.0 130.0

