

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038061.D
 Acq On : 08 May 2020 00:42
 Operator : JC/MD
 Sample : L2528-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSK8

Quant Time: May 08 14:09:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 04:55:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	395070	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	387291	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	177470	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	144829	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.93	69	120705	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.59	63	175016	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.66	46	352325	39.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.04%
24) Chloroform-d	5.10	84	207325	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
26) 1,2-Dichloroethane-d4	5.74	65	124116	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
32) Benzene-d6	5.76	84	478551	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.72	67	154737	4.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.60%
41) Toluene-d8	7.92	98	424957	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.20	79	54907	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.65	63	281630	39.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.50%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112701	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	147210	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

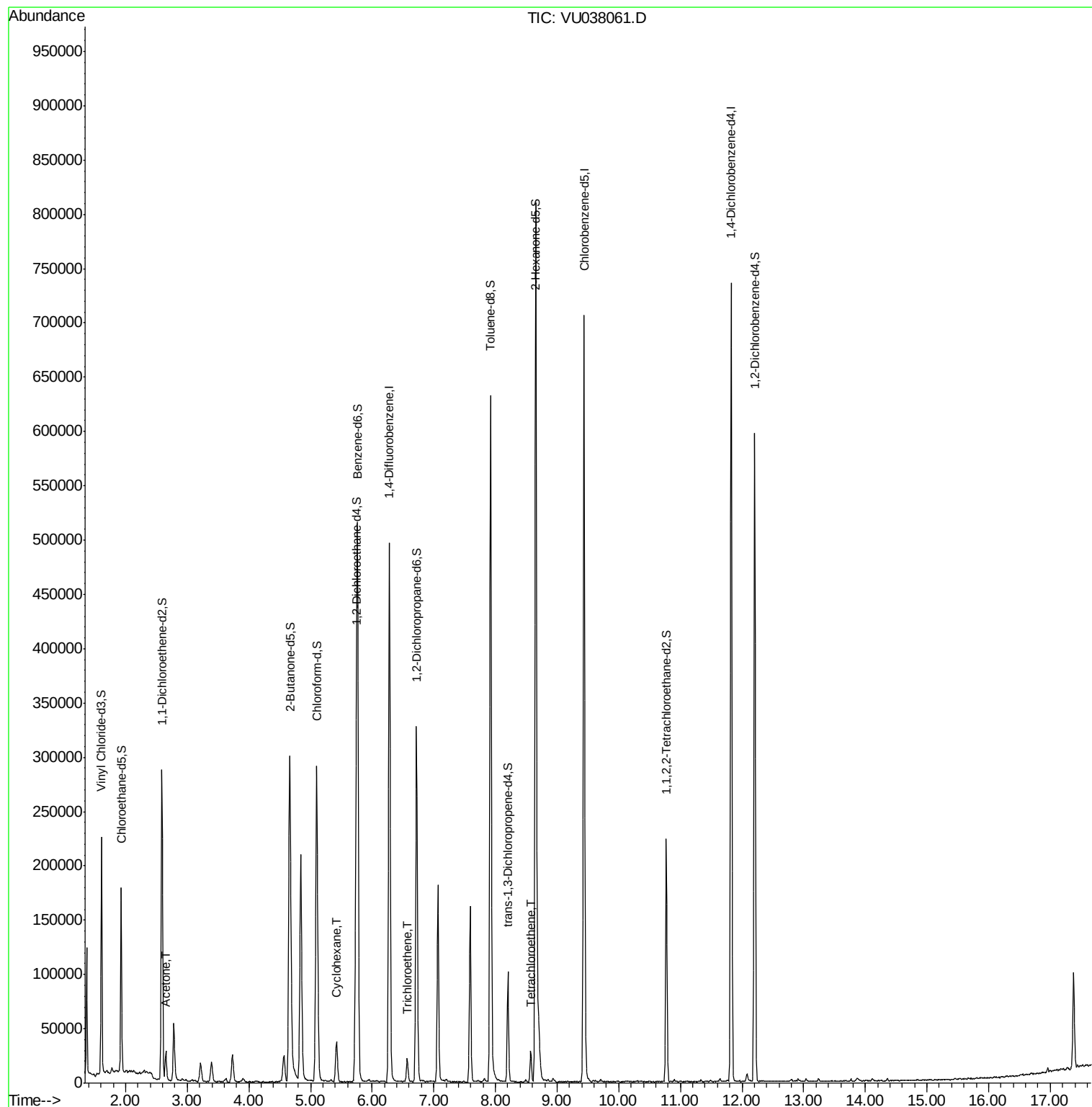
					Ovalue
13) Acetone	2.65	43	30623	5.474 ug/L	98
30) Cyclohexane	5.42	56	18173	0.347 ug/L	98
34) Trichloroethene	6.57	95	5837	0.188 ug/L	89
47) Tetrachloroethene	8.57	164	6526	0.301 ug/L	97

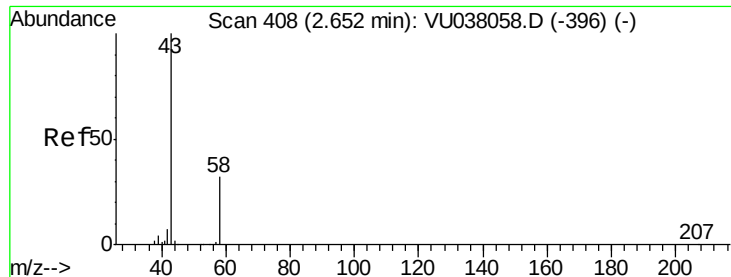
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.474 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

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Acq: 08 May 2020 00:42

Instrument :

MSVOA_U

ClientSampleId :

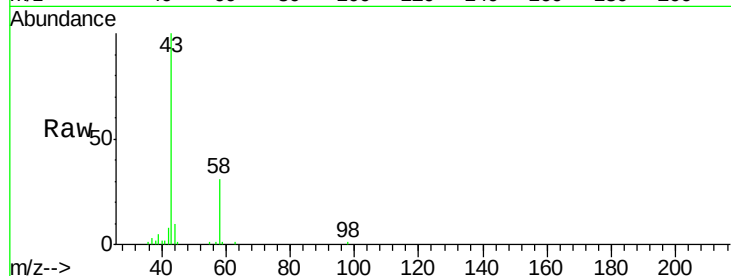
BFSK8

Tot Ion: 43 Resp: 30623

Ion Ratio Lower Upper

43 100

58 30.6 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038061.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU038061.D (-315) (-)

2.65

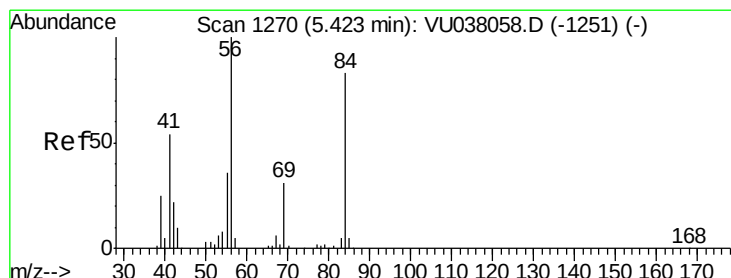
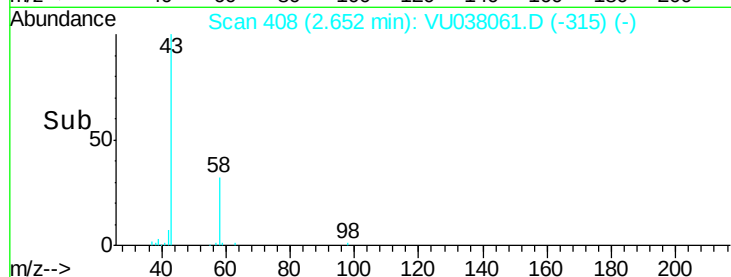
15000

10000

5000

0

Time-->



#30

Cyclohexane

Concen: 0.347 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU038061.D

Acq: 08 May 2020 00:42

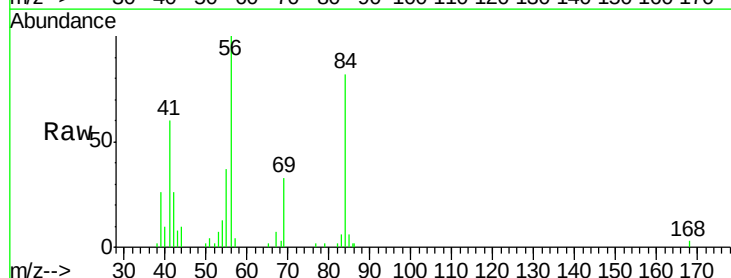
Tgt Ion: 56 Resp: 18173

Ion Ratio Lower Upper

56 100

69 31.1 24.2 36.4

84 83.9 68.5 102.7



Abundance Ion 56.10 (55.80 to 56.80): VU038061.D (-1177) (-)

Ion 69.15 (68.85 to 69.85): VU038061.D (-1177) (-)

Ion 84.15 (83.85 to 84.85): VU038061.D (-1177) (-)

5.42

10000

8000

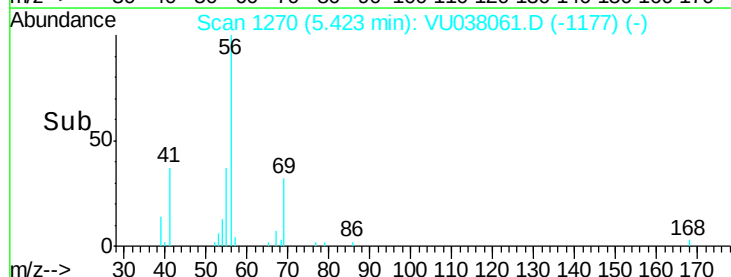
6000

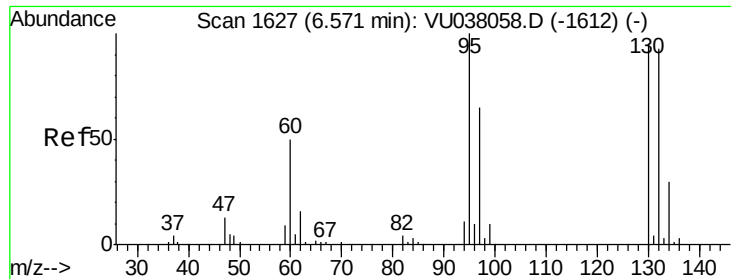
4000

2000

0

Time-->





#34

Trichloroethene

Concen: 0.188 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU038061.D

Acq: 08 May 2020 00:42

Instrument :

MSVOA_U

ClientSampleId :

BFSK8

Tot Ion: 95 Resp: 5837

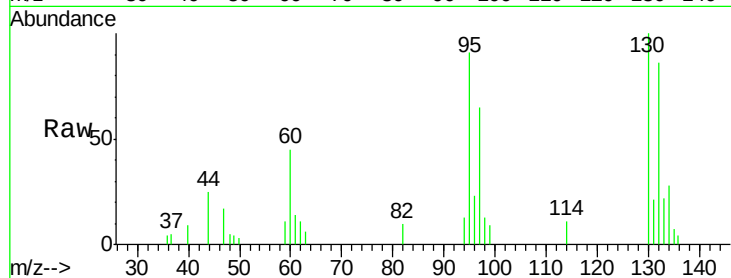
Ion Ratio Lower Upper

95 100

97 71.6 44.9 83.3

132 94.8 63.3 117.5

130 110.4 65.7 122.1

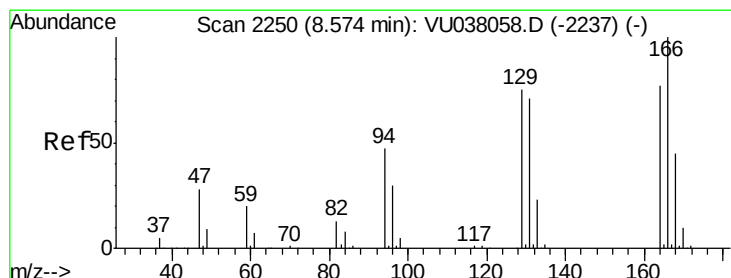
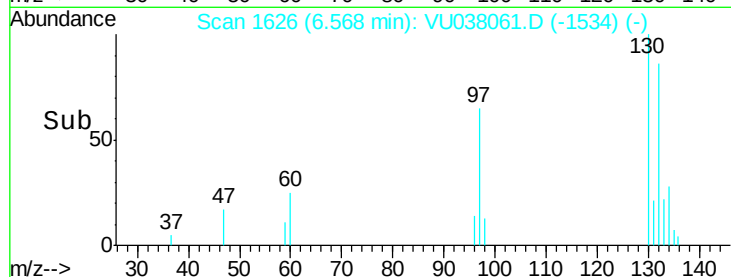
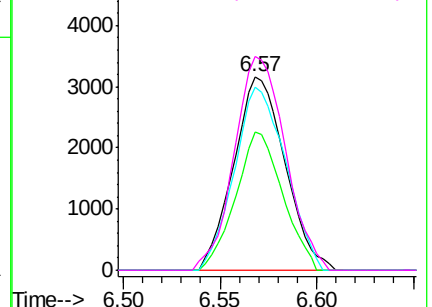


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.301 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038061.D

Acq: 08 May 2020 00:42

Tgt Ion: 164 Resp: 6526

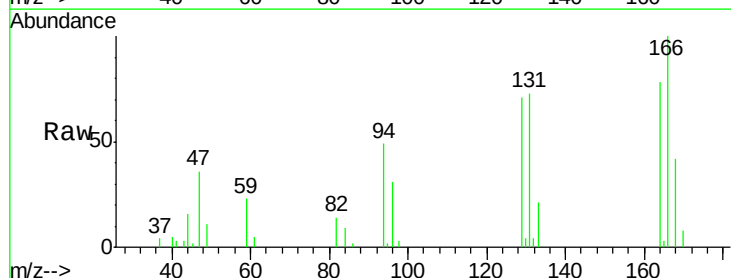
Ion Ratio Lower Upper

164 100

129 90.5 68.8 127.8

131 94.2 66.8 124.2

166 128.2 88.9 165.1



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

