

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038075.D
 Acq On : 08 May 2020 06:08
 Operator : JC/MD
 Sample : L2526-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF9

Quant Time: May 08 06:40:03 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	359821	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	358827	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	166332	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	143054	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.93	69	119690	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.59	63	173450	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.66	46	340288	41.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.82%
24) Chloroform-d	5.10	84	200197	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.74	65	128994	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.76	84	481484	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.72	67	154943	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.92	98	431591	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.20	79	54058	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.65	63	275255	41.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	116739	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	151517	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

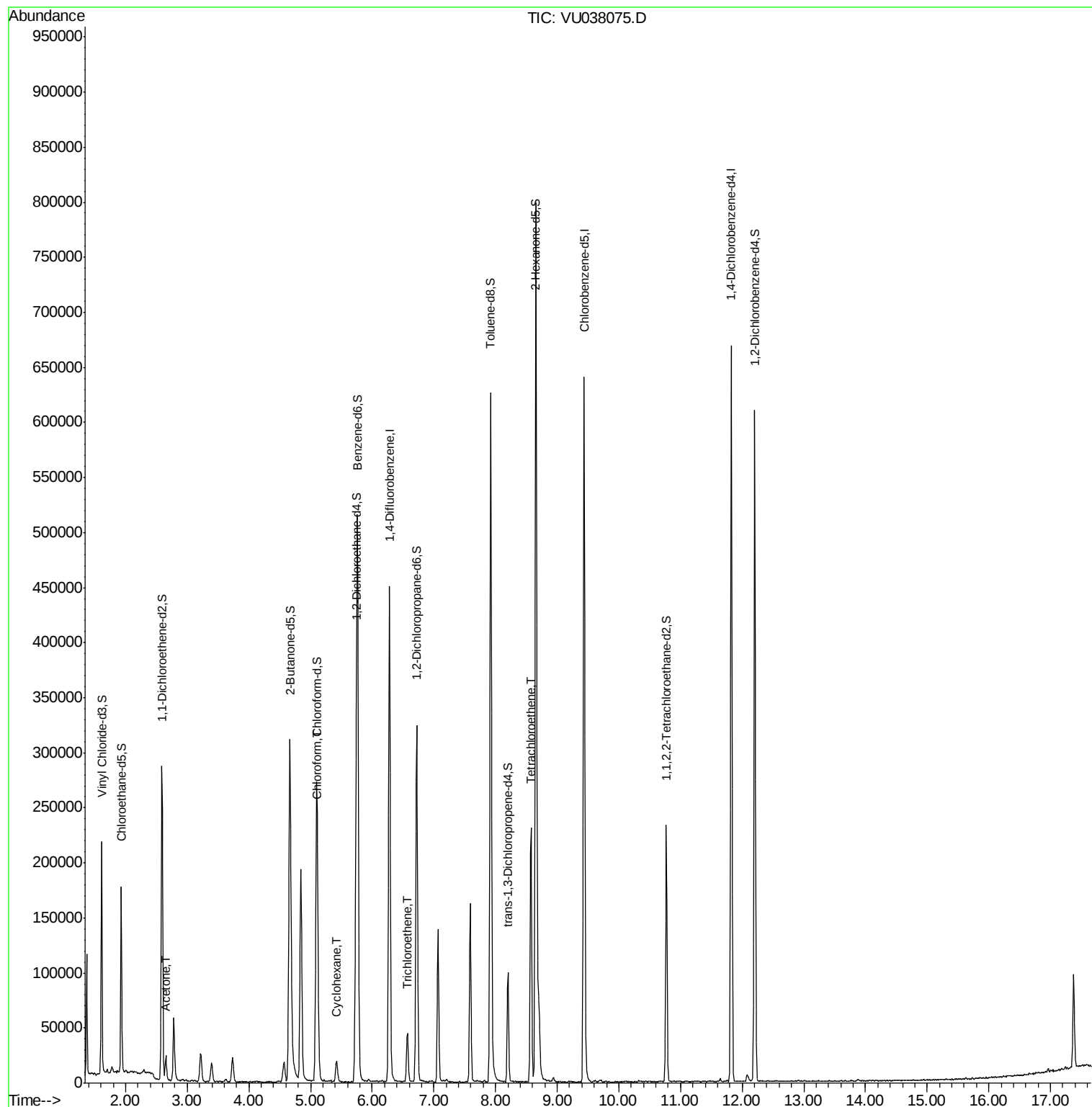
					Ovalue
13) Acetone	2.65	43	24499	4.809	ug/L 100
25) Chloroform	5.12	83	26498	0.534	ug/L 98
30) Cyclohexane	5.42	56	9385	0.193	ug/L 93
34) Trichloroethene	6.57	95	13925	0.485	ug/L 98
47) Tetrachloroethene	8.57	164	50816	2.528	ug/L 98

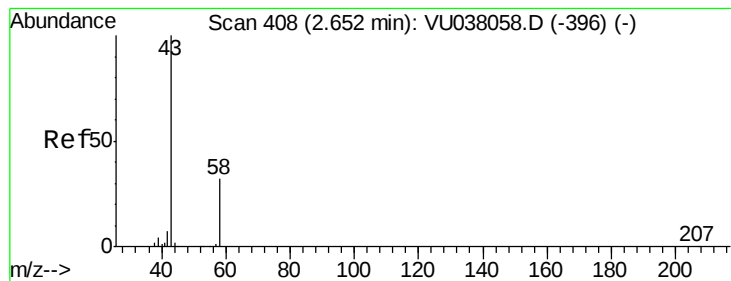
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.809 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU038075.D

Acq: 08 May 2020 06:08

Instrument :

MSVOA_U

ClientSampleId :

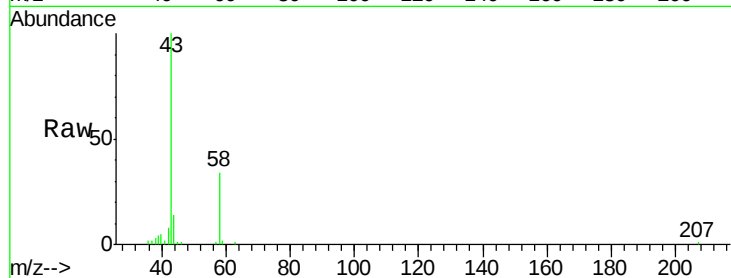
BFSF9

Tot Ion: 43 Resp: 24499

Ion Ratio Lower Upper

43 100

58 31.8 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038075.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU038075.D (-315) (-)

2.65

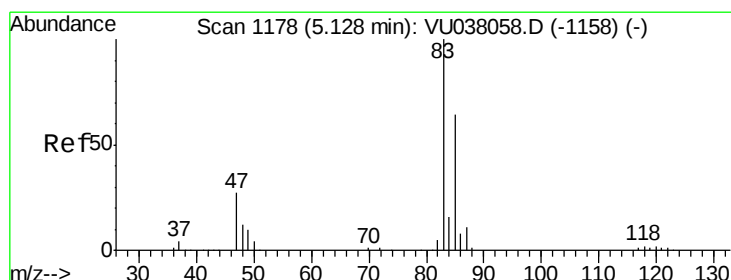
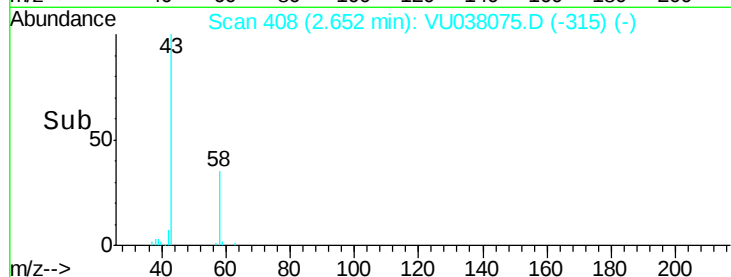
15000

10000

5000

0

Time--> 2.55 2.60 2.65 2.70 2.75



#25

Chloroform

Concen: 0.534 ug/L

RT: 5.12 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VU038075.D

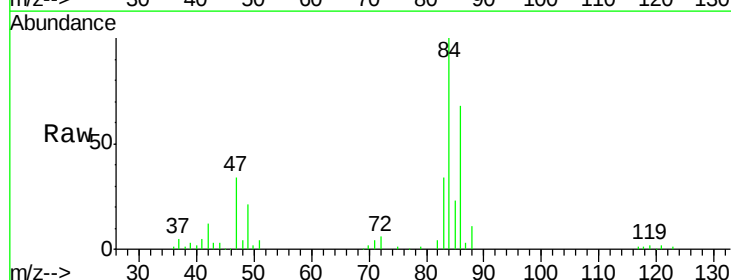
Acq: 08 May 2020 06:08

Tgt Ion: 83 Resp: 26498

Ion Ratio Lower Upper

83 100

85 67.4 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VU038075.D (-1085) (-)

Ion 85.00 (84.70 to 85.70): VU038075.D (-1085) (-)

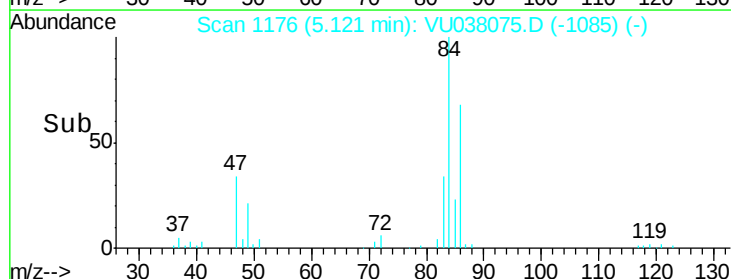
5.12

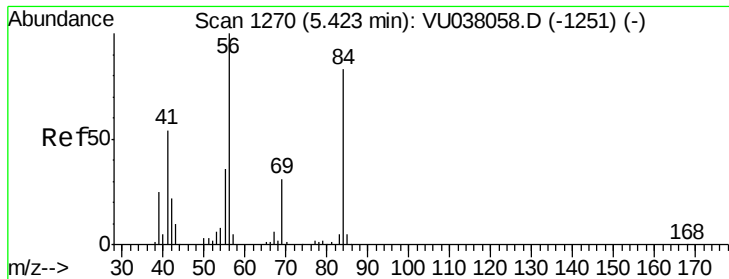
10000

5000

0

Time--> 5.05 5.10 5.15 5.20

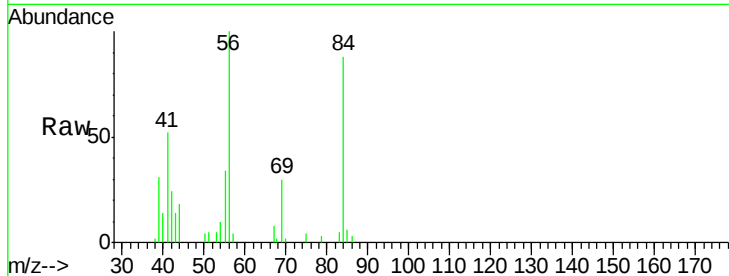




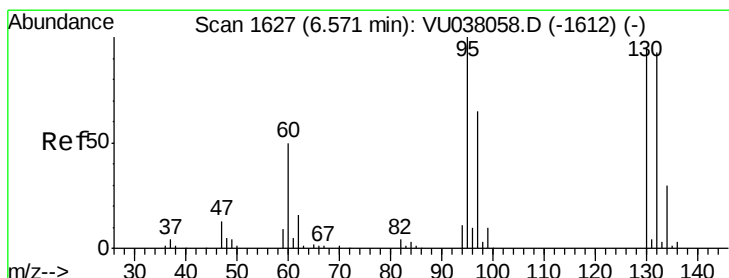
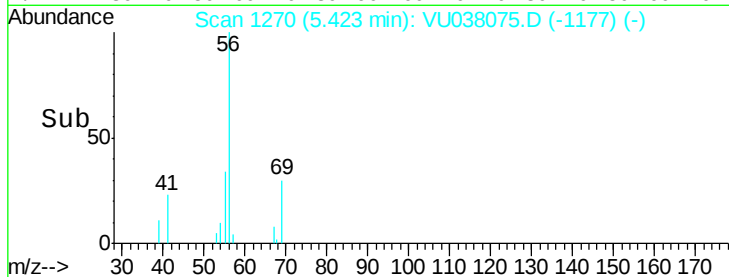
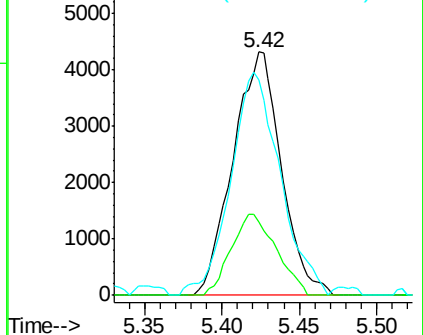
#30
Cyclohexane
Concen: 0.193 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038075.D
Acq: 08 May 2020 06:08

Instrument :
MSVOA_U
ClientSampleId :
BFSF9

Tot Ion: 56 Resp: 9385
Ion Ratio Lower Upper
56 100
69 30.8 24.2 36.4
84 93.7 68.5 102.7

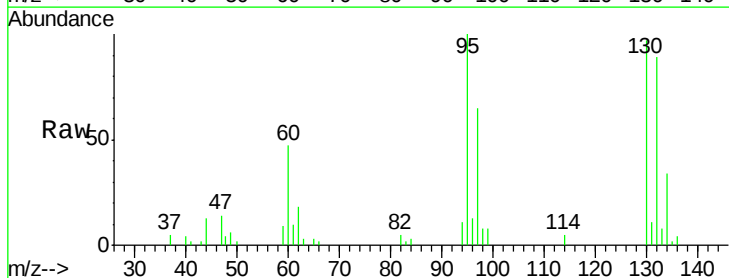


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

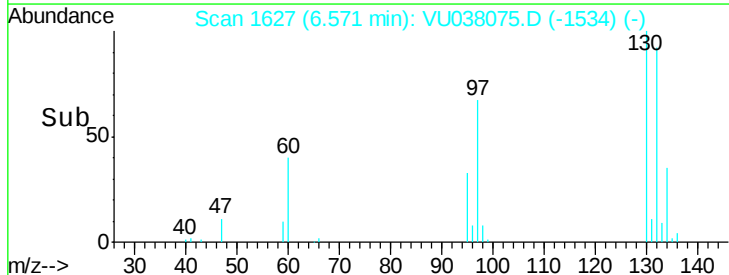
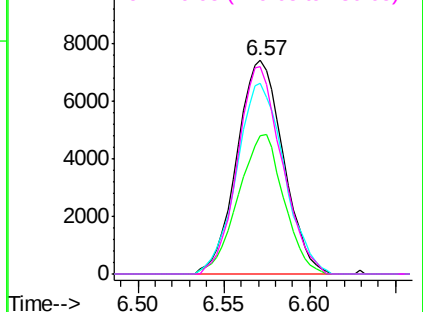


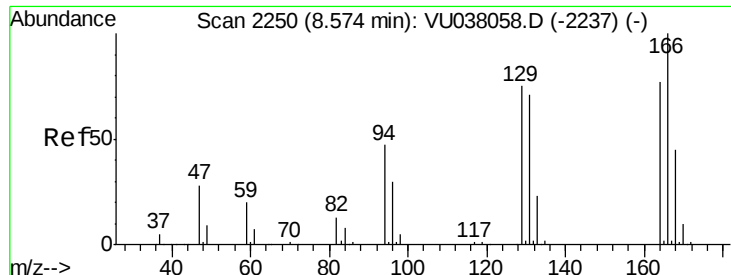
#34
Trichloroethene
Concen: 0.485 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038075.D
Acq: 08 May 2020 06:08

Tgt Ion: 95 Resp: 13925
Ion Ratio Lower Upper
95 100
97 64.7 44.9 83.3
132 89.2 63.3 117.5
130 97.0 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: 2.528 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038075.D

Acq: 08 May 2020 06:08

Instrument :

MSVOA_U

ClientSampleId :

BFSF9

Tot Ion:164 Resp: 50816

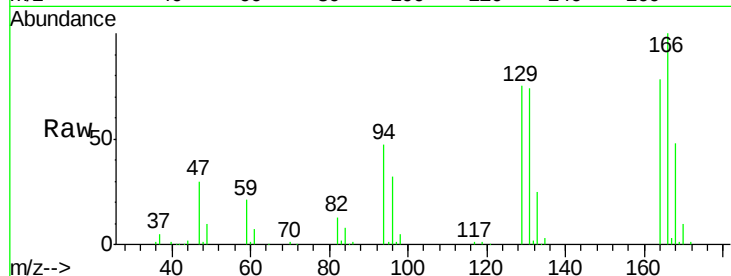
Ion Ratio Lower Upper

164 100

129 95.7 68.8 127.8

131 94.3 66.8 124.2

166 128.0 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

