

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042220\
 Data File : VU037846.D
 Acq On : 22 Apr 2020 16:28
 Operator : JC/MD
 Sample : L2388-04
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS6

Quant Time: Apr 23 02:26:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 01:37:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	266872	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	259114	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	128636	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	67404	3.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.80%
7) Chloroethane-d5	1.93	69	67944	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.59	63	90230	2.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.20%#
20) 2-Butanone-d5	4.66	46	305572	55.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.20%
24) Chloroform-d	5.10	84	148589	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.74	65	91194	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.76	84	299463	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.72	67	108096	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.92	98	263120	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.20	79	43809	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.65	63	266698	50.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	88830	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	106373	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

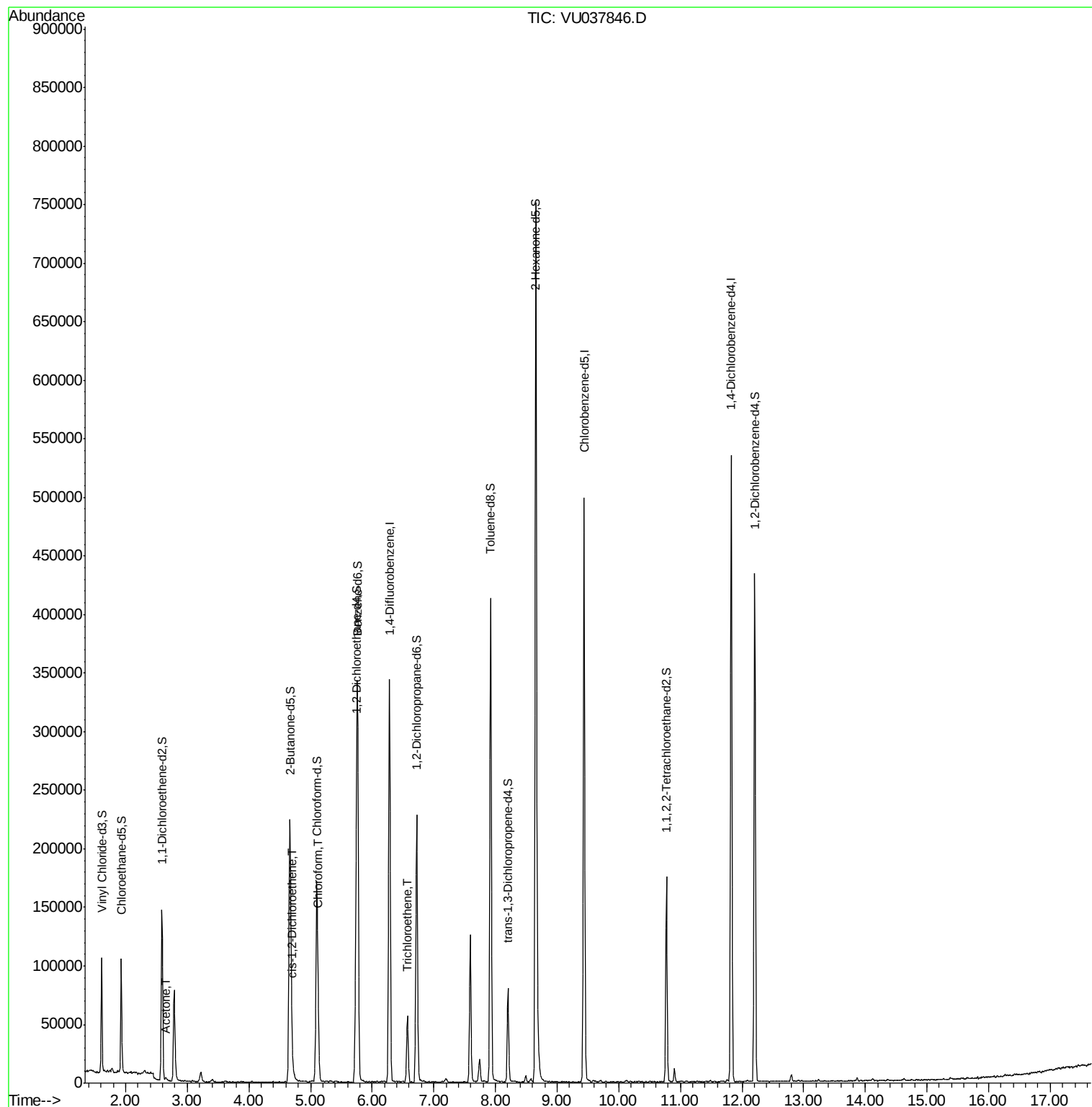
					Ovalue
13) Acetone	2.66	43	3933	1.076	ug/L 84
22) cis-1,2-Dichloroethene	4.71	96	2975	0.138	ug/L 99
25) Chloroform	5.13	83	22043	0.601	ug/L 95
34) Trichloroethene	6.57	95	19139	0.910	ug/L 91

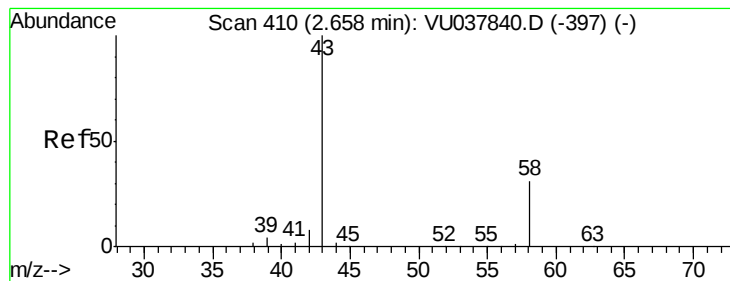
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.076 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

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Acq: 22 Apr 2020 16:28

Instrument :

MSVOA_U

ClientSampleId :

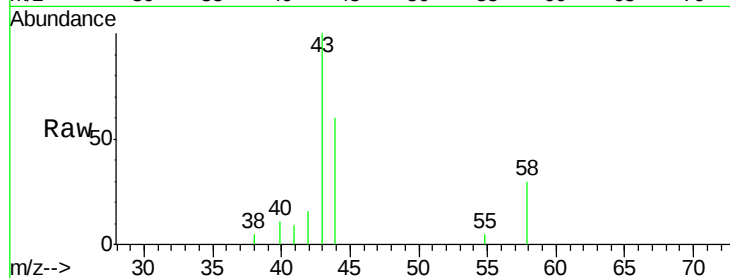
BFSA6

Tot Ion: 43 Resp: 3933

Ion Ratio Lower Upper

43 100

58 23.5 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037840.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU037840.D (-397) (-)

2.66

2000

1500

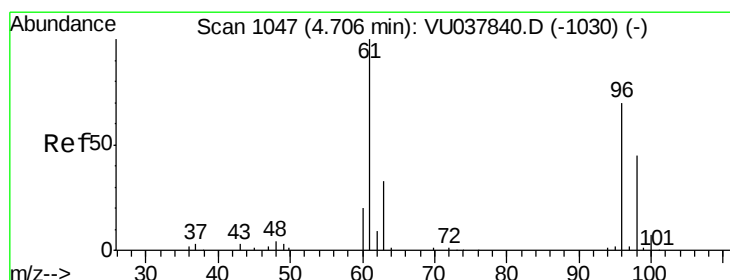
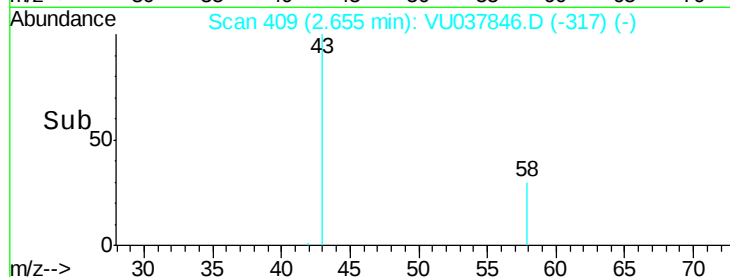
1000

500

0

Time-->

2.60 2.65 2.70 2.75



#22

cis-1,2-Dichloroethene

Concen: 0.138 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037846.D

Acq: 22 Apr 2020 16:28

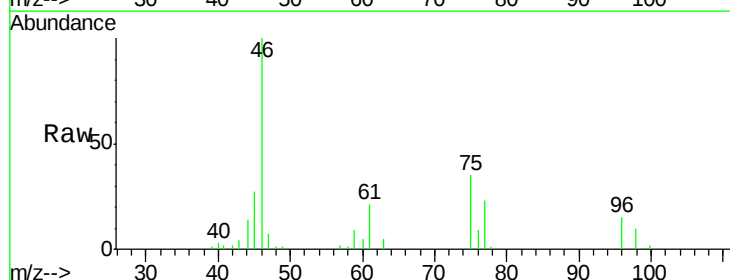
Tgt Ion: 96 Resp: 2975

Ion Ratio Lower Upper

96 100

61 140.1 97.0 180.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037840.D (-1030) (-)

Ion 61.05 (60.75 to 61.75): VU037840.D (-1030) (-)

Ion 68.15 (67.85 to 68.85): VU037840.D (-1030) (-)

3000

2500

2000

1500

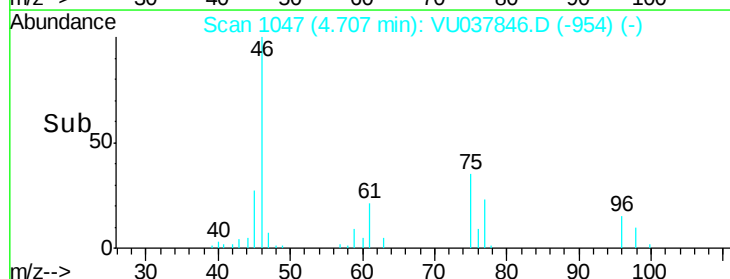
1000

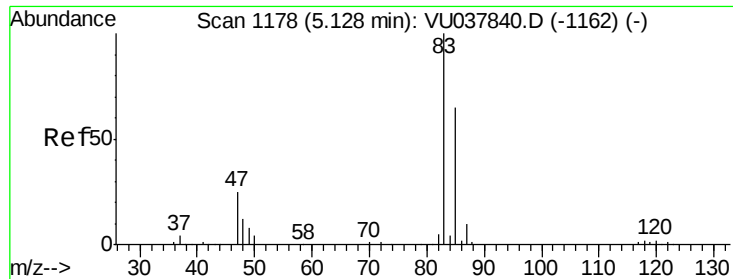
500

0

Time-->

4.65 4.70 4.75

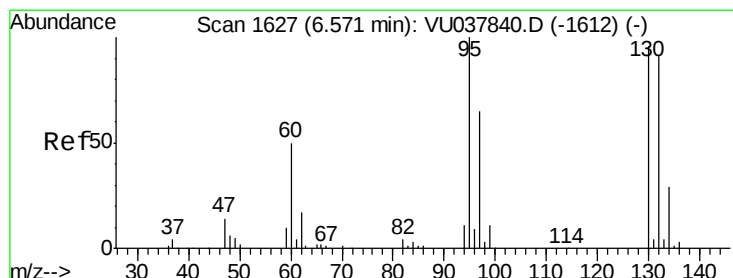
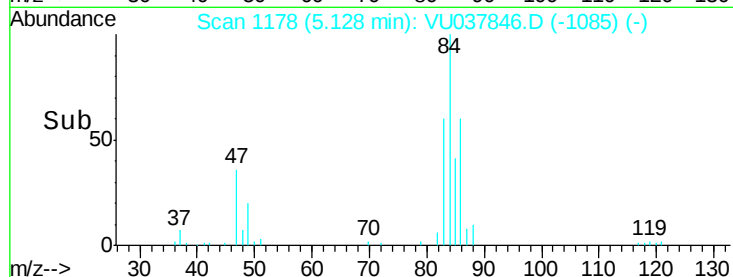
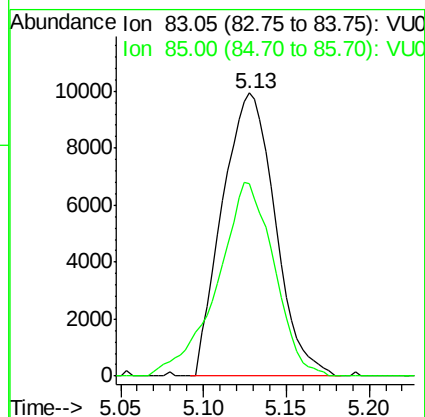
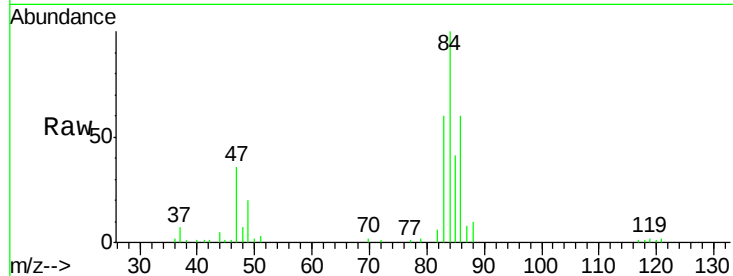




#25
Chloroform
Concen: 0.601 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
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Instrument :
MSVOA_U
ClientSampled :
BFS6

Tot Ion: 83 Resp: 22043
Ion Ratio Lower Upper
83 100
85 68.0 44.9 83.3



#34
Trichloroethene
Concen: 0.910 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU037846.D
Acq: 22 Apr 2020 16:28

Tgt Ion: 95 Resp: 19139
Ion Ratio Lower Upper
95 100
97 55.3 45.4 84.2
132 81.9 63.7 118.3
130 92.4 68.7 127.5

