

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\
 Data File : VU037537.D
 Acq On : 01 Apr 2020 22:04
 Operator : JC/MD
 Sample : L2065-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBF12

Quant Time: Apr 02 03:07:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 02 01:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	85759	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	81471	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	40655	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21386	2.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.60%
7) Chloroethane-d5	1.93	69	19661	3.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.00%
11) 1,1-Dichloroethene-d2	2.59	63	29668	2.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.40%#
20) 2-Butanone-d5	4.67	46	90396	46.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.74%
24) Chloroform-d	5.11	84	47067	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.60%
26) 1,2-Dichloroethane-d4	5.74	65	26810	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
32) Benzene-d6	5.76	84	89776	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.40%
36) 1,2-Dichloropropane-d6	6.72	67	31962	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.60%
41) Toluene-d8	7.92	98	77082	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.80%#
43) trans-1,3-Dichloropropene-	8.21	79	12383	3.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.80%
46) 2-Hexanone-d5	8.66	63	77374	43.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	29145	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	31780	3.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.80%#

Target Compounds

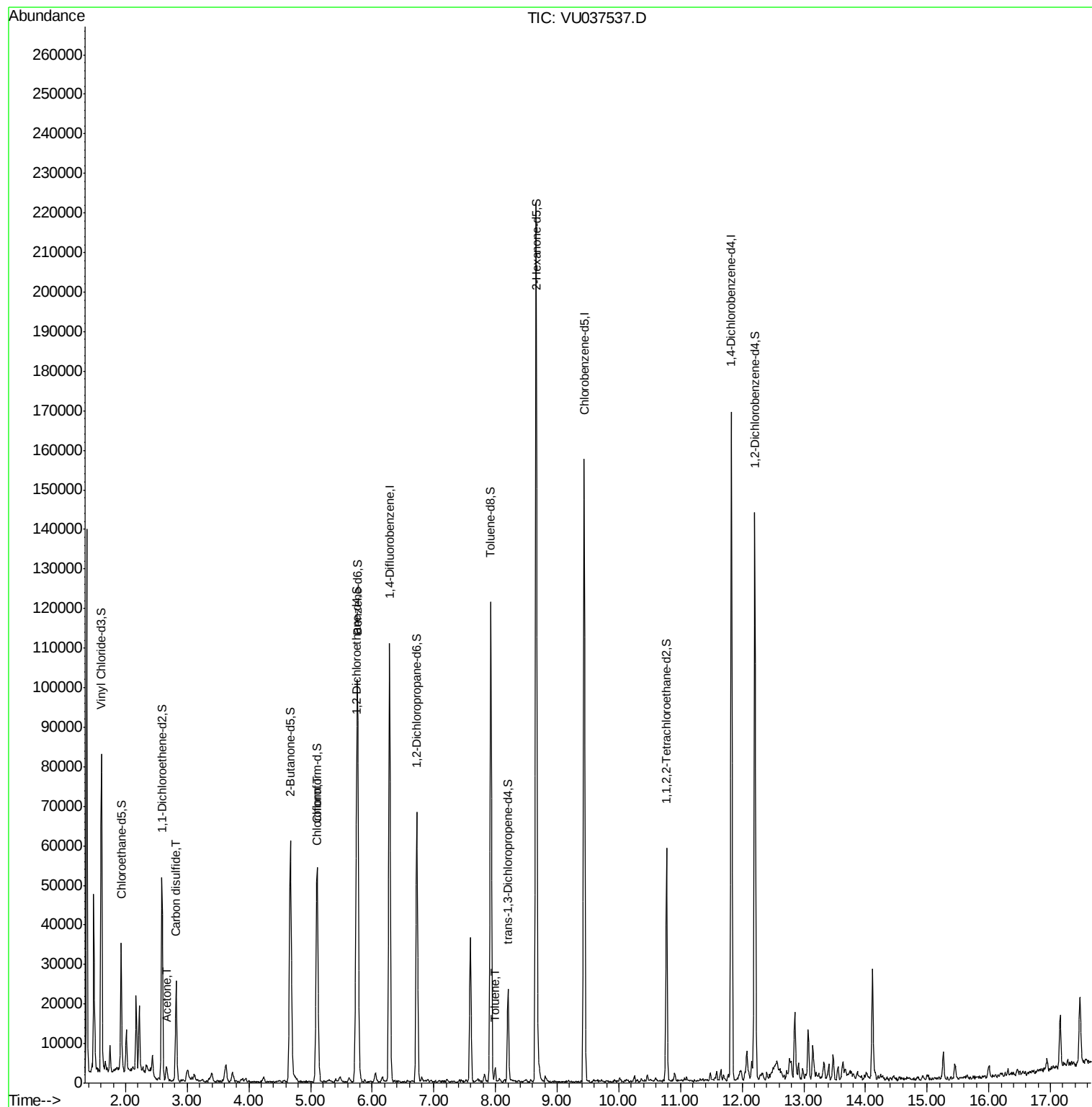
					Ovalue
13) Acetone	2.66	43	4307	3.919 ug/L	96
14) Carbon disulfide	2.82	76	31003	1.664 ug/L	99
25) Chloroform	5.12	83	4576	0.384 ug/L	97
42) Toluene	8.00	91	2775	0.101 ug/L	99

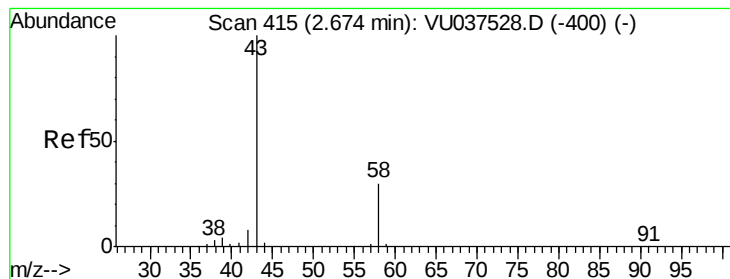
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.919 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

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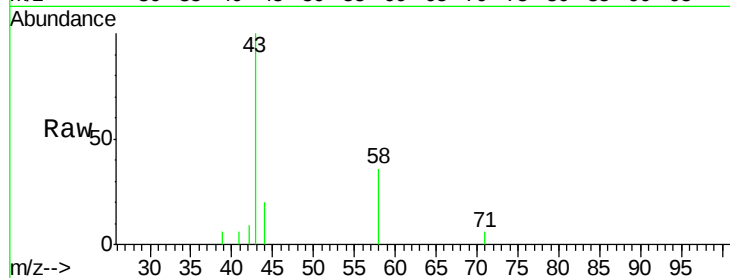
DBF12

Tot Ion: 43 Resp: 4307

Ion Ratio Lower Upper

43 100

58 31.8 0.0 68.2



Abundance Ion 43.05 (42.75 to 43.75): VU037528.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU037528.D (-400) (-)

2.66

2500

2000

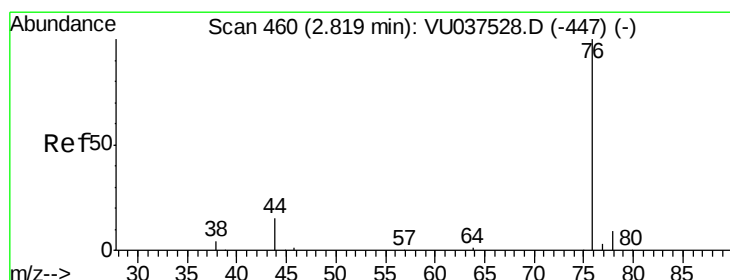
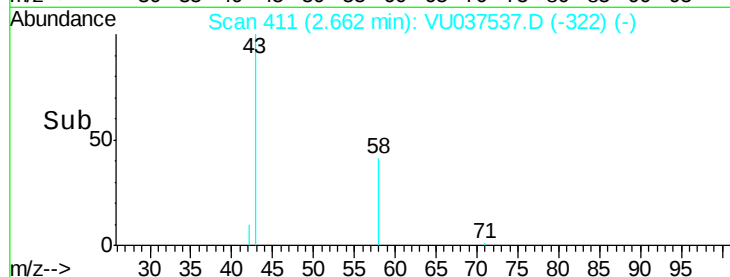
1500

1000

500

0

Time--> 2.60 2.65 2.70



#14

Carbon disulfide

Concen: 1.664 ug/L

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU037537.D

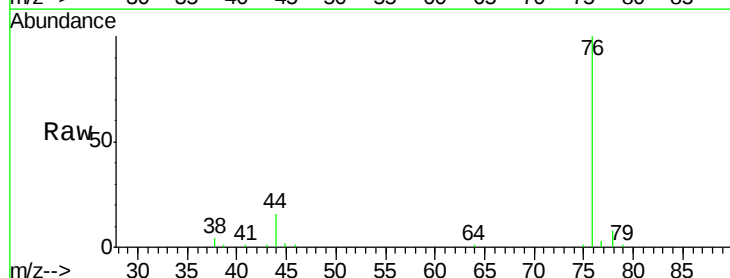
Acq: 01 Apr 2020 22:04

Tgt Ion: 76 Resp: 31003

Ion Ratio Lower Upper

76 100

78 8.1 6.3 9.5



Abundance Ion 76.05 (75.75 to 76.75): VU037528.D (-447) (-)

Ion 78.00 (77.70 to 78.70): VU037528.D (-447) (-)

2.82

20000

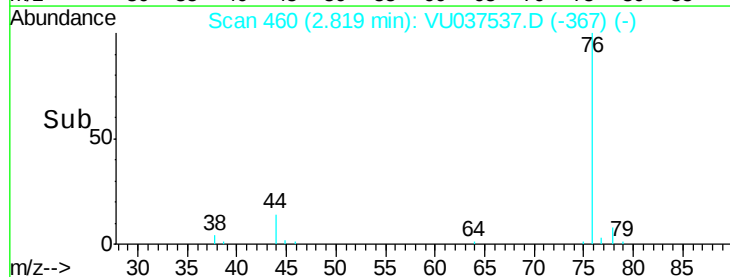
15000

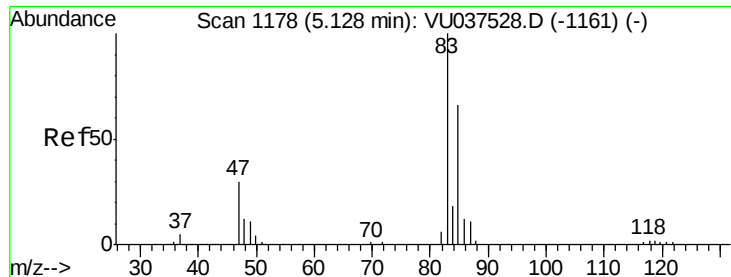
10000

5000

0

Time--> 2.75 2.80 2.85 2.90

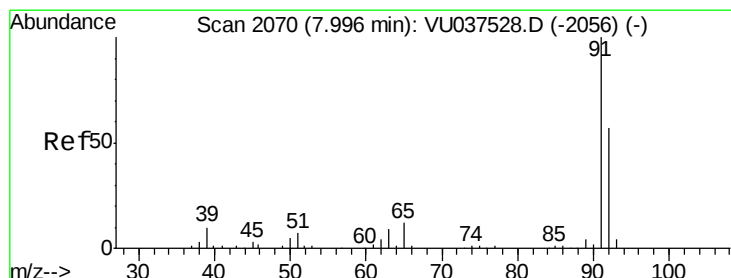
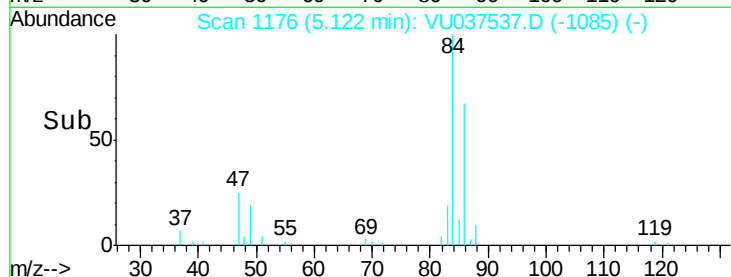
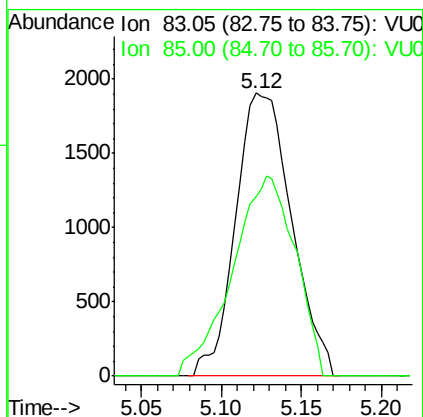
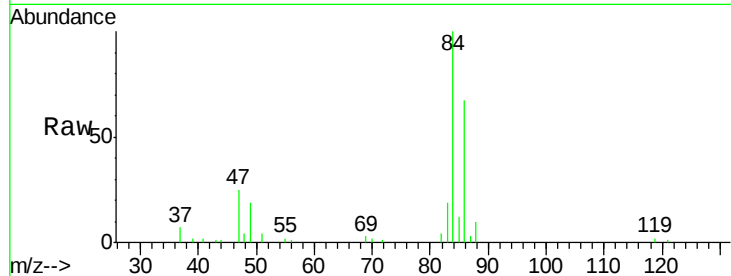




#25
Chloroform
Concen: 0.384 ug/L
RT: 5.12 min Scan# 1176
Delta R.T. -0.01 min
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Tot Ion: 83 Resp: 4576
Ion Ratio Lower Upper
83 100
85 63.3 45.8 85.2



#42
Toluene
Concen: 0.101 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VU037537.D
Acq: 01 Apr 2020 22:04

Tgt Ion: 91 Resp: 2775
Ion Ratio Lower Upper
91 100
92 54.7 38.6 71.8

