

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\
 Data File : VU037536.D
 Acq On : 01 Apr 2020 21:40
 Operator : JC/MD
 Sample : L2065-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBF11

Quant Time: Apr 02 02:31:31 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	88535	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	83702	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	40227	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19846	2.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.40%
7) Chloroethane-d5	1.93	69	20336	3.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.20%
11) 1,1-Dichloroethene-d2	2.59	63	29518	2.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.80%#
20) 2-Butanone-d5	4.67	46	88453	43.95	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.90%
24) Chloroform-d	5.11	84	47091	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.20%
26) 1,2-Dichloroethane-d4	5.74	65	26180	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
32) Benzene-d6	5.76	84	85783	3.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.40%#
36) 1,2-Dichloropropane-d6	6.72	67	31829	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.20%
41) Toluene-d8	7.92	98	77414	3.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.40%#
43) trans-1,3-Dichloropropene-	8.20	79	12413	3.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.20%
46) 2-Hexanone-d5	8.66	63	73431	39.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	27803	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	30233	3.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.00%#

Target Compounds

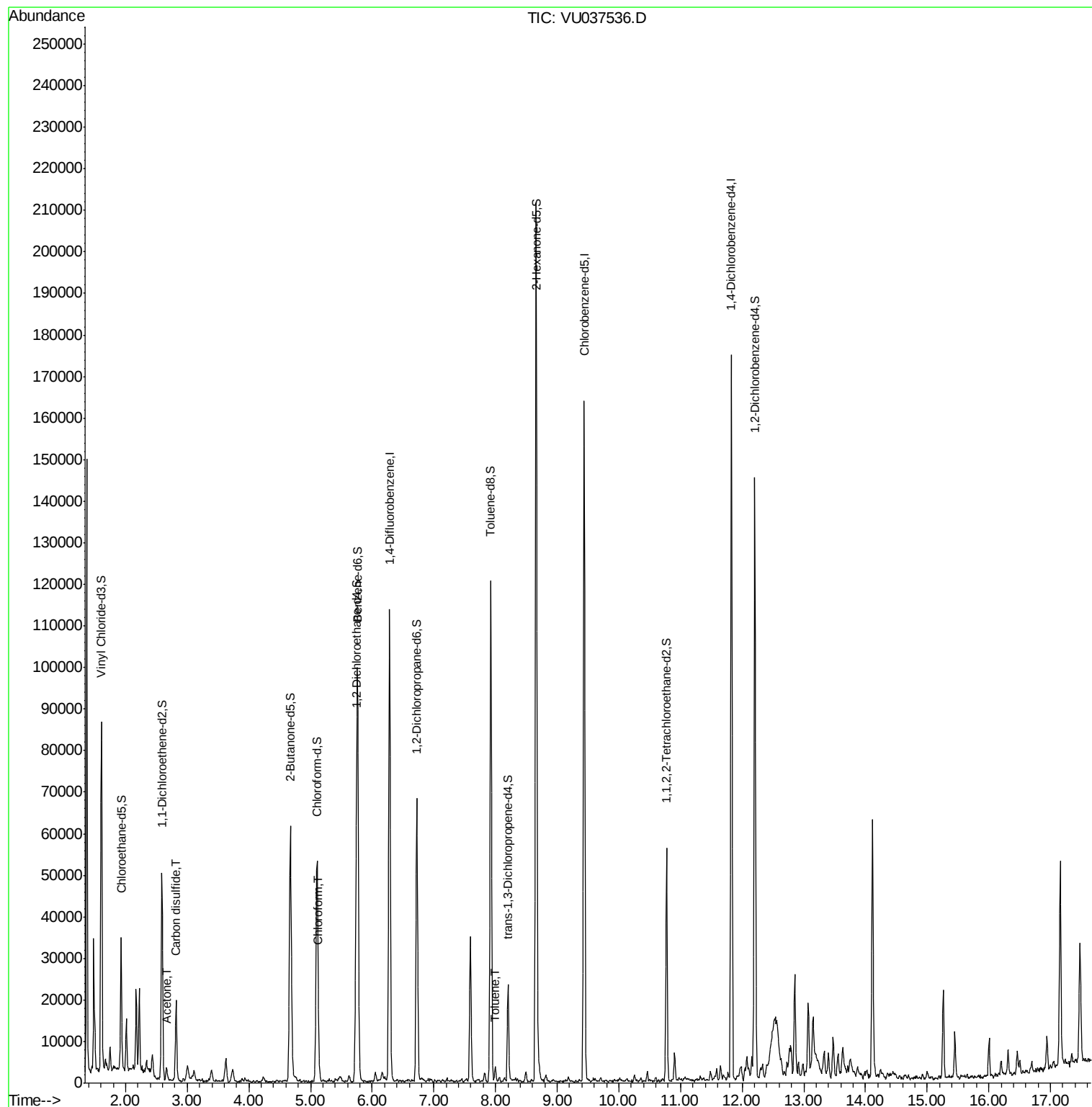
					Ovalue
13) Acetone	2.66	43	3285	2.896	ug/L 100
14) Carbon disulfide	2.82	76	24153	1.256	ug/L 99
25) Chloroform	5.13	83	4694	0.382	ug/L 99
42) Toluene	8.00	91	2993	0.106	ug/L 88

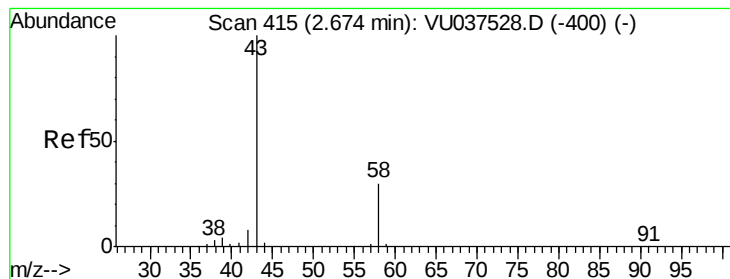
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#13

Acetone

Concen: 2.896 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU037536.D

Acq: 01 Apr 2020 21:40

Instrument :

MSVOA_U

ClientSampleId :

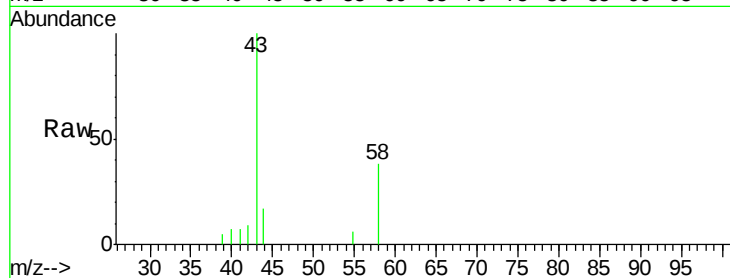
DBF11

Tot Ion: 43 Resp: 3285

Ion Ratio Lower Upper

43 100

58 34.1 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

2000

1500

1000

500

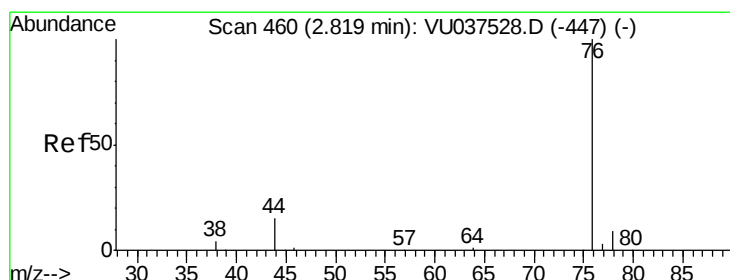
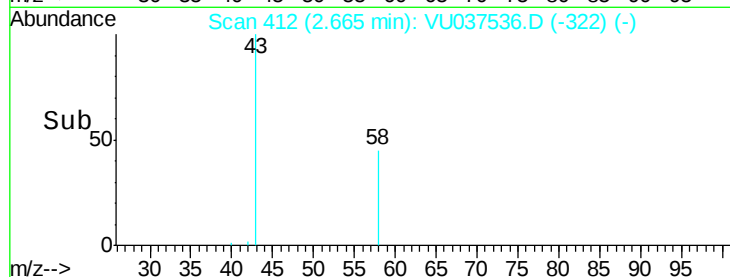
0

Time-->

2.60

2.65

2.70



#14

Carbon disulfide

Concen: 1.256 ug/L

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

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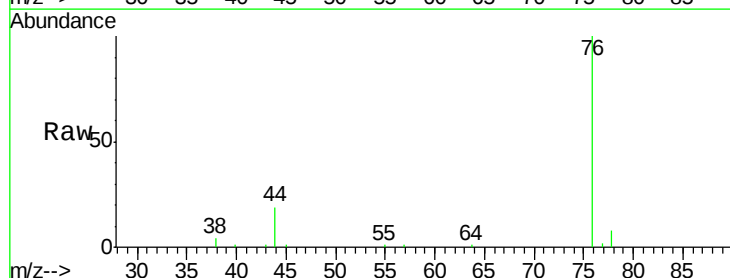
Acq: 01 Apr 2020 21:40

Tgt Ion: 76 Resp: 24153

Ion Ratio Lower Upper

76 100

78 8.2 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

15000

10000

5000

0

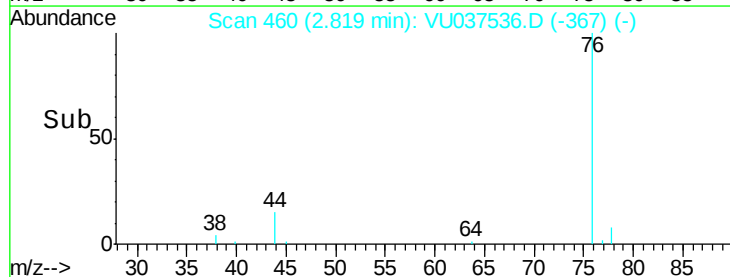
Time-->

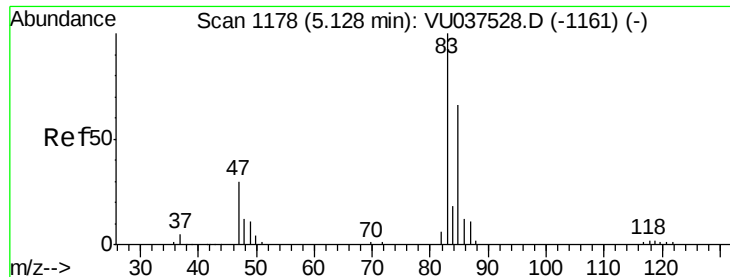
2.75

2.80

2.85

2.90

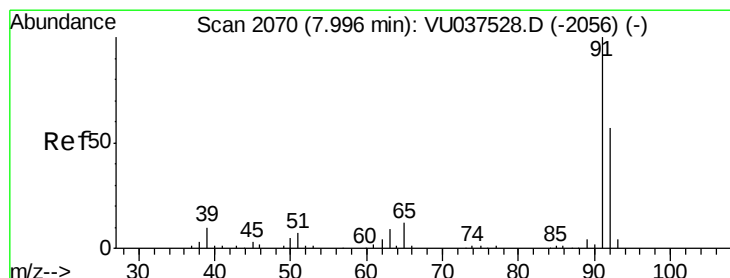
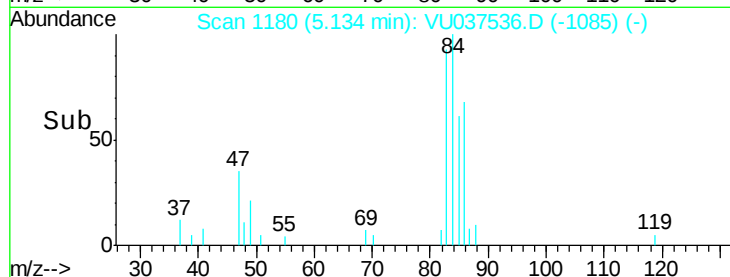
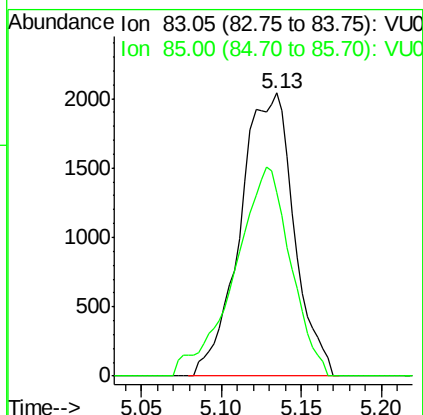
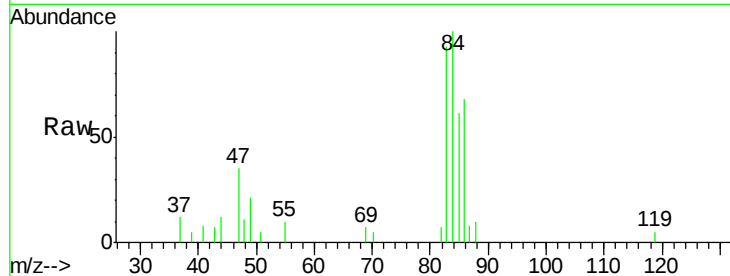




#25
Chloroform
Concen: 0.382 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.01 min
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Instrument :
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ClientSampleId :
DBF11

Tot Ion: 83 Resp: 4694
Ion Ratio Lower Upper
83 100
85 65.0 45.8 85.2



#42
Toluene
Concen: 0.106 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VU037536.D
Acq: 01 Apr 2020 21:40

Tgt Ion: 91 Resp: 2993
Ion Ratio Lower Upper
91 100
92 46.2 38.6 71.8

