

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
 Data File : VU037295.D
 Acq On : 16 Mar 2020 16:12
 Operator : JC/MD
 Sample : L1891-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEQ9

Quant Time: Mar 17 01:58:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 17 01:33:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	150716	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	150072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	61820	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	39305	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.93	69	37834	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.59	63	59257	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.67	46	129084	54.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.82%
24) Chloroform-d	5.11	84	93564	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.74	65	54508	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.76	84	166558	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.73	67	54799	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.93	98	154167	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	8.20	79	23483	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.66	63	108222	52.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.52%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	44578	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	56017	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

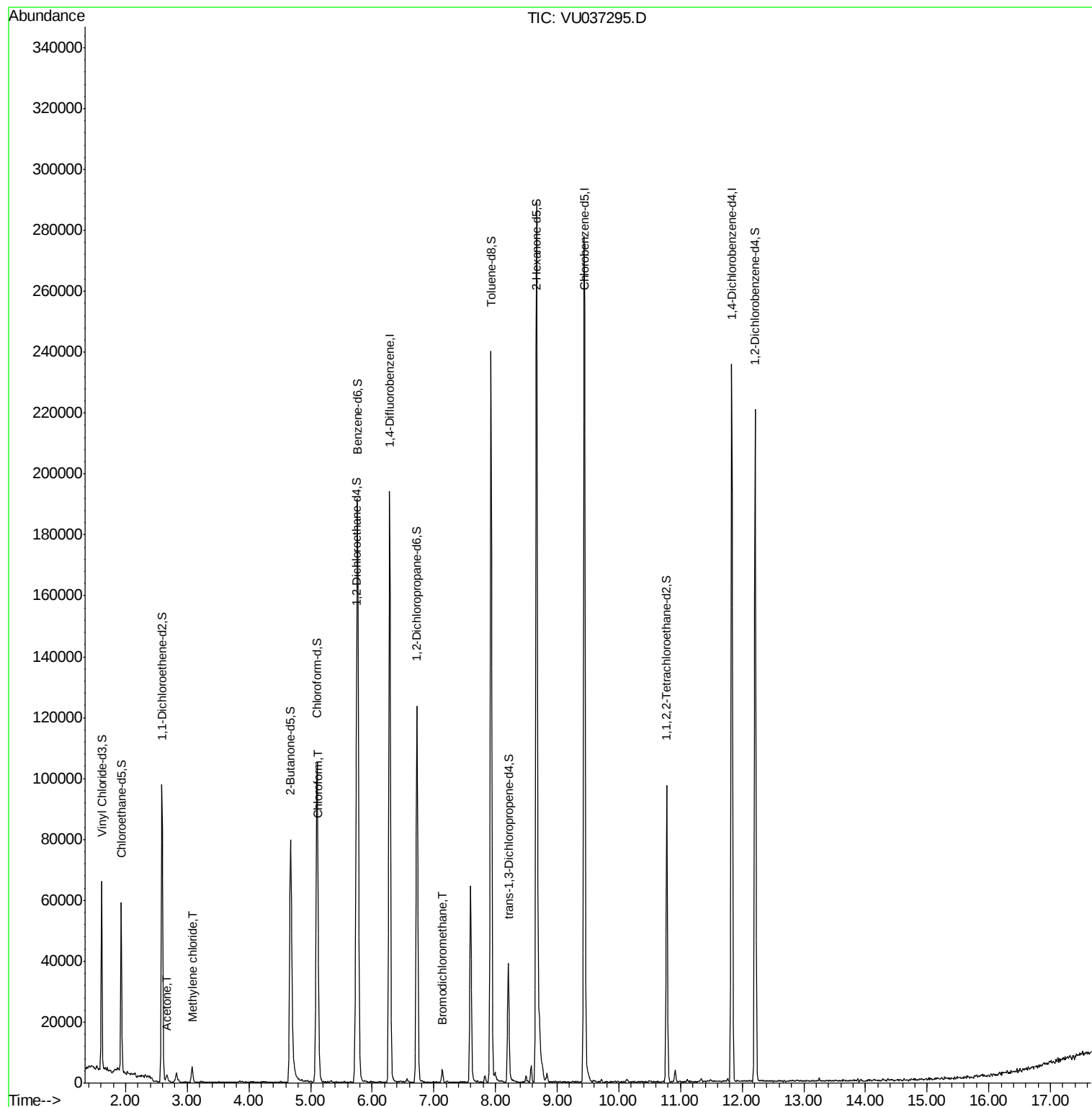
					Ovalue
13) Acetone	2.67	43	3506	1.747 ug/L	91
16) Methylene chloride	3.08	84	2702	0.232 ug/L	76
25) Chloroform	5.13	83	9426	0.413 ug/L	94
38) Bromodichloromethane	7.14	83	2783	0.166 ug/L	87

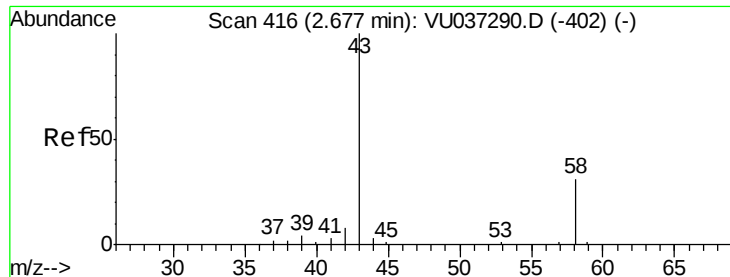
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.747 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU037295.D

Acq: 16 Mar 2020 16:12

Instrument :

MSVOA_U

ClientSampleId :

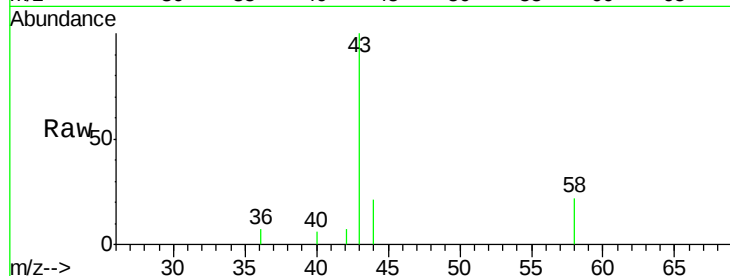
DBEQ9

Tot Ion: 43 Resp: 3506

Ion Ratio Lower Upper

43 100

58 24.2 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VU037295.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU037295.D (-402) (-)

2000

1500

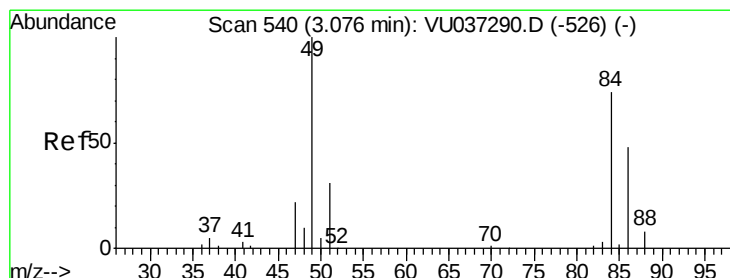
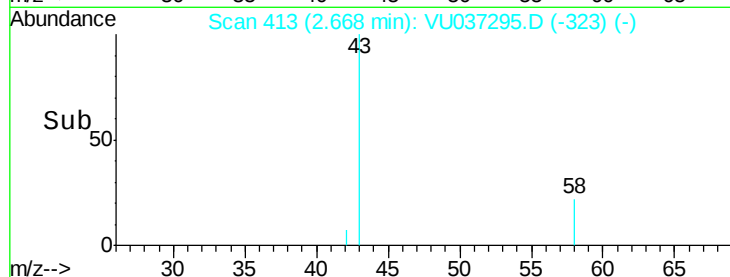
1000

500

0

Time-->

2.60 2.65 2.70



#16

Methylene chloride

Concen: 0.232 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU037295.D

Acq: 16 Mar 2020 16:12

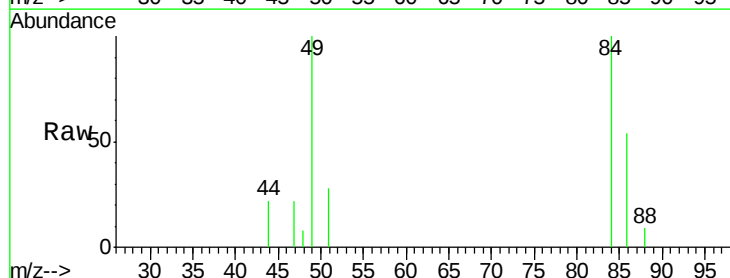
Tgt Ion: 84 Resp: 2702

Ion Ratio Lower Upper

84 100

86 54.2 45.2 84.0

49 99.7 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VU037295.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU037295.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU037295.D (-526) (-)

2000

1500

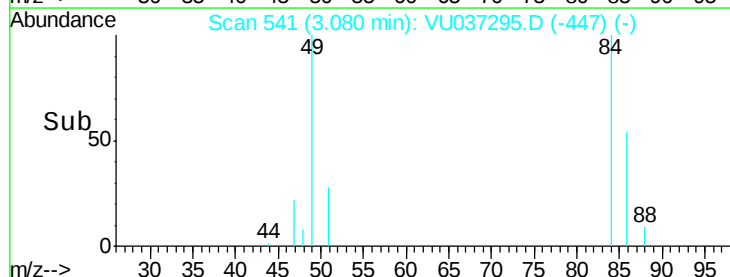
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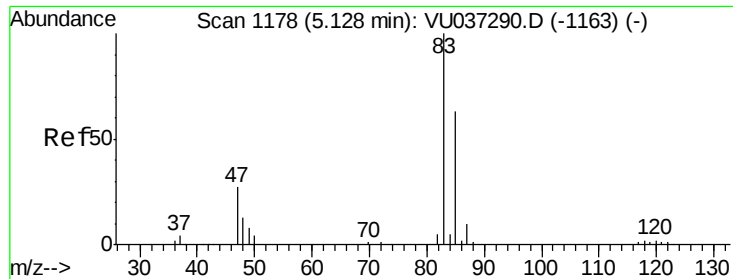
500

0

Time-->

3.05 3.10

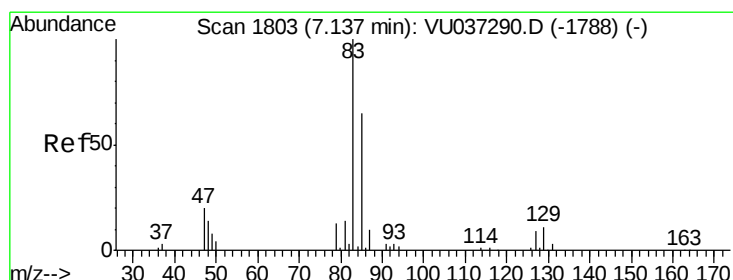
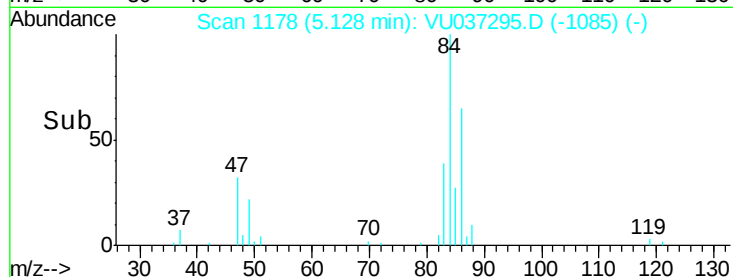
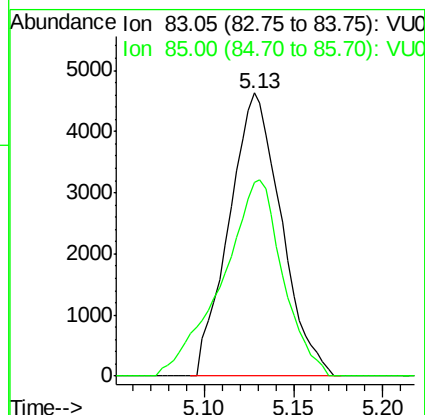
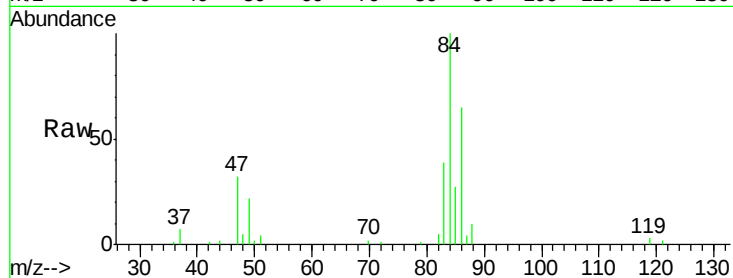




#25
Chloroform
Concen: 0.413 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
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Acq: 16 Mar 2020 16:12

Instrument :
MSVOA_U
ClientSampleId :
DBEQ9

Tot Ion: 83 Resp: 9426
Ion Ratio Lower Upper
83 100
85 68.3 44.7 82.9



#38
Bromodichloromethane
Concen: 0.166 ug/L
RT: 7.14 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VU037295.D
Acq: 16 Mar 2020 16:12

Tgt Ion: 83 Resp: 2783
Ion Ratio Lower Upper
83 100
85 77.2 45.8 85.0
127 7.8 7.0 10.6

