

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
 Data File : VU025422.D
 Acq On : 16 Jul 2018 14:17
 Operator : MD/SY
 Sample : J3986-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1C8

Quant Time: Jul 17 02:27:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:25:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	328242	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	302329	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	130501	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82010	46.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.92%
7) Chloroethane-d5	1.68	69	68001	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.84%
11) 1,1-Dichloroethene-d2	2.27	63	126096	33.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.12%
21) 2-Butanone-d5	4.18	46	172583	96.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.77%
24) Chloroform-d	4.65	84	183258	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.52%
26) 1,2-Dichloroethane-d4	5.31	65	128644	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.04%
32) Benzene-d6	5.35	84	352472	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
36) 1,2-Dichloropropane-d6	6.34	67	117033	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.26%
41) Toluene-d8	7.57	98	329779	44.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.38%
43) trans-1,3-Dichloropropene-	7.85	79	53542	42.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.90%
47) 2-Hexanone-d5	8.31	63	127783	97.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.50%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	166077	44.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	127953	46.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.84%

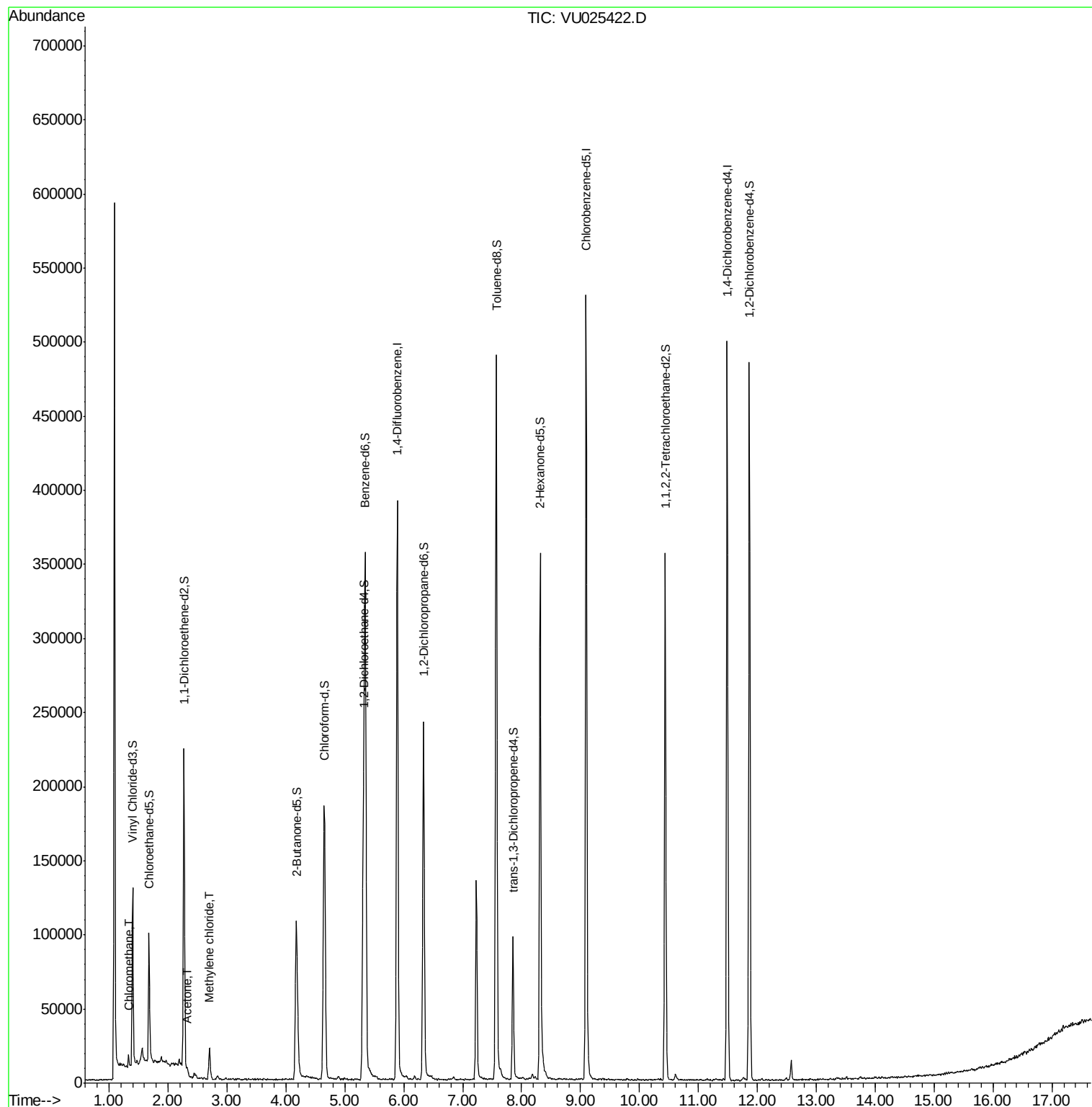
Target Compounds					Qvalue
3) Chloromethane	1.33	50	6891	2.242 ug/L	98
13) Acetone	2.32	43	3247	1.730 ug/L	81
16) Methylene chloride	2.71	84	9739	3.908 ug/L	94

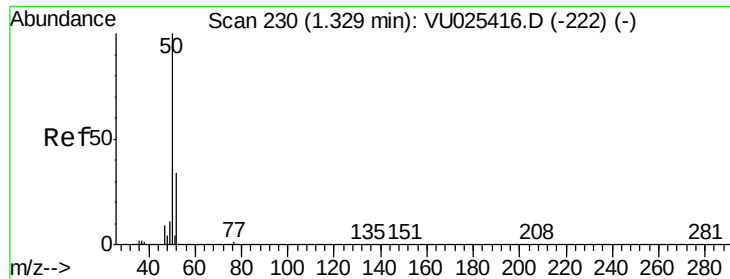
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.242 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025422.D

Acq: 16 Jul 2018 14:17

Instrument :

MSVOA_U

ClientSampleId :

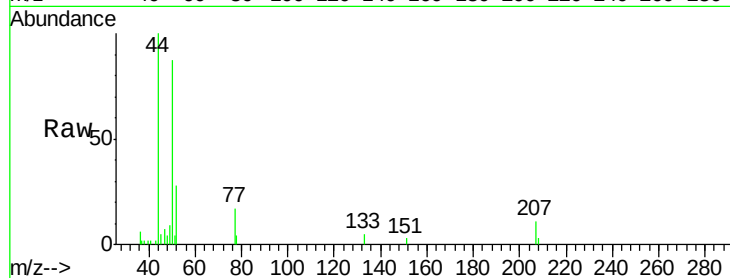
DB1C8

Tgt Ion: 50 Resp: 6891

Ion Ratio Lower Upper

50 100

52 32.3 23.5 43.7



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

1.33

6000

5000

4000

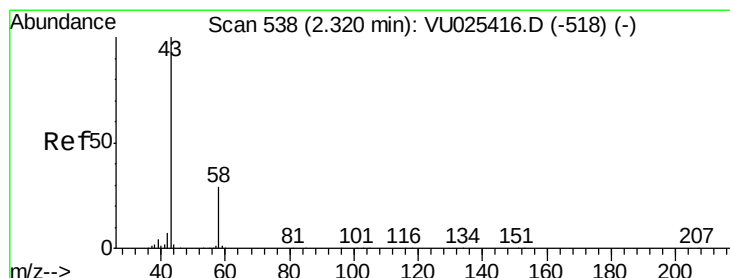
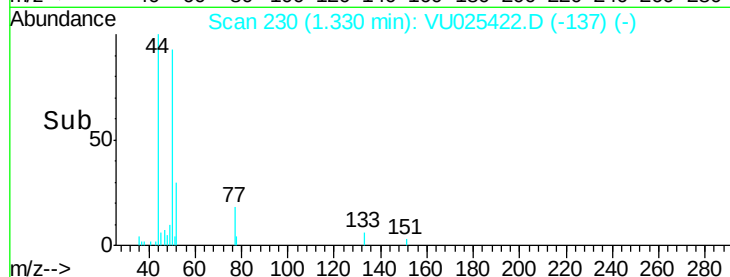
3000

2000

1000

0

Time-->



#13

Acetone

Concen: 1.730 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

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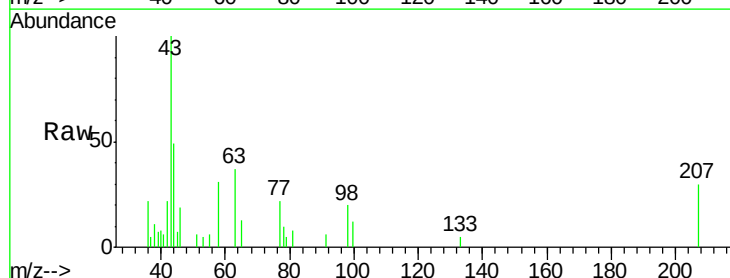
Acq: 16 Jul 2018 14:17

Tgt Ion: 43 Resp: 3247

Ion Ratio Lower Upper

43 100

58 39.4 0.0 58.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

2500

2000

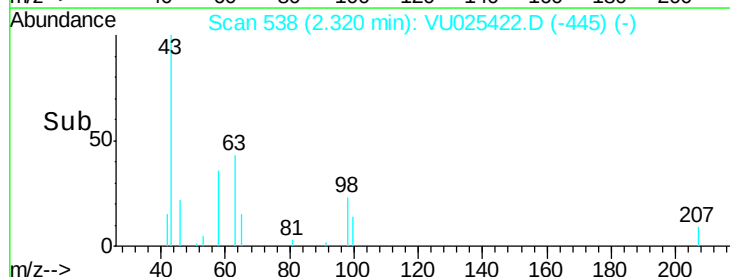
1500

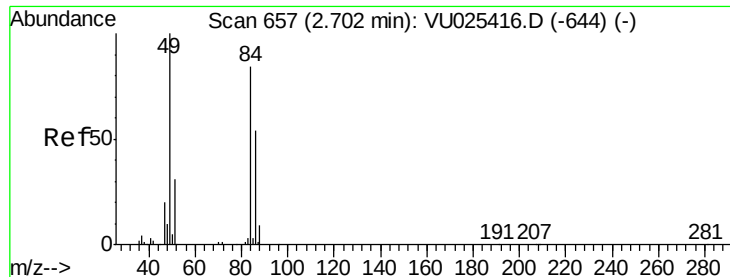
1000

500

0

Time-->





#16
Methylene chloride
Concen: 3.908 ug/L
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
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Instrument :
MSVOA_U
ClientSampleId :
DB1C8

Tgt Ion: 84 Resp: 9739
Ion Ratio Lower Upper
84 100
86 69.7 45.2 84.0
49 125.9 83.6 155.2

