

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025431.D
 Acq On : 16 Jul 2018 18:04
 Operator : MD/SY
 Sample : J3938-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEMG9

Quant Time: Jul 17 09:12:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:54:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	340860	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	314110	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	137920	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	83626	45.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.24%
7) Chloroethane-d5	1.68	69	71712	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.30%
11) 1,1-Dichloroethene-d2	2.27	63	129057	32.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.16%
21) 2-Butanone-d5	4.18	46	190767	103.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.01%
24) Chloroform-d	4.65	84	197786	45.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.96%
26) 1,2-Dichloroethane-d4	5.31	65	140131	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
32) Benzene-d6	5.35	84	381784	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
36) 1,2-Dichloropropane-d6	6.34	67	125298	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.16%
41) Toluene-d8	7.57	98	357550	46.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.22%
43) trans-1,3-Dichloropropene-	7.85	79	57705	44.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.10%
47) 2-Hexanone-d5	8.31	63	144964	106.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.46%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	182528	46.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.14%
64) 1,2-Dichlorobenzene-d4	11.87	152	140615	48.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.58%

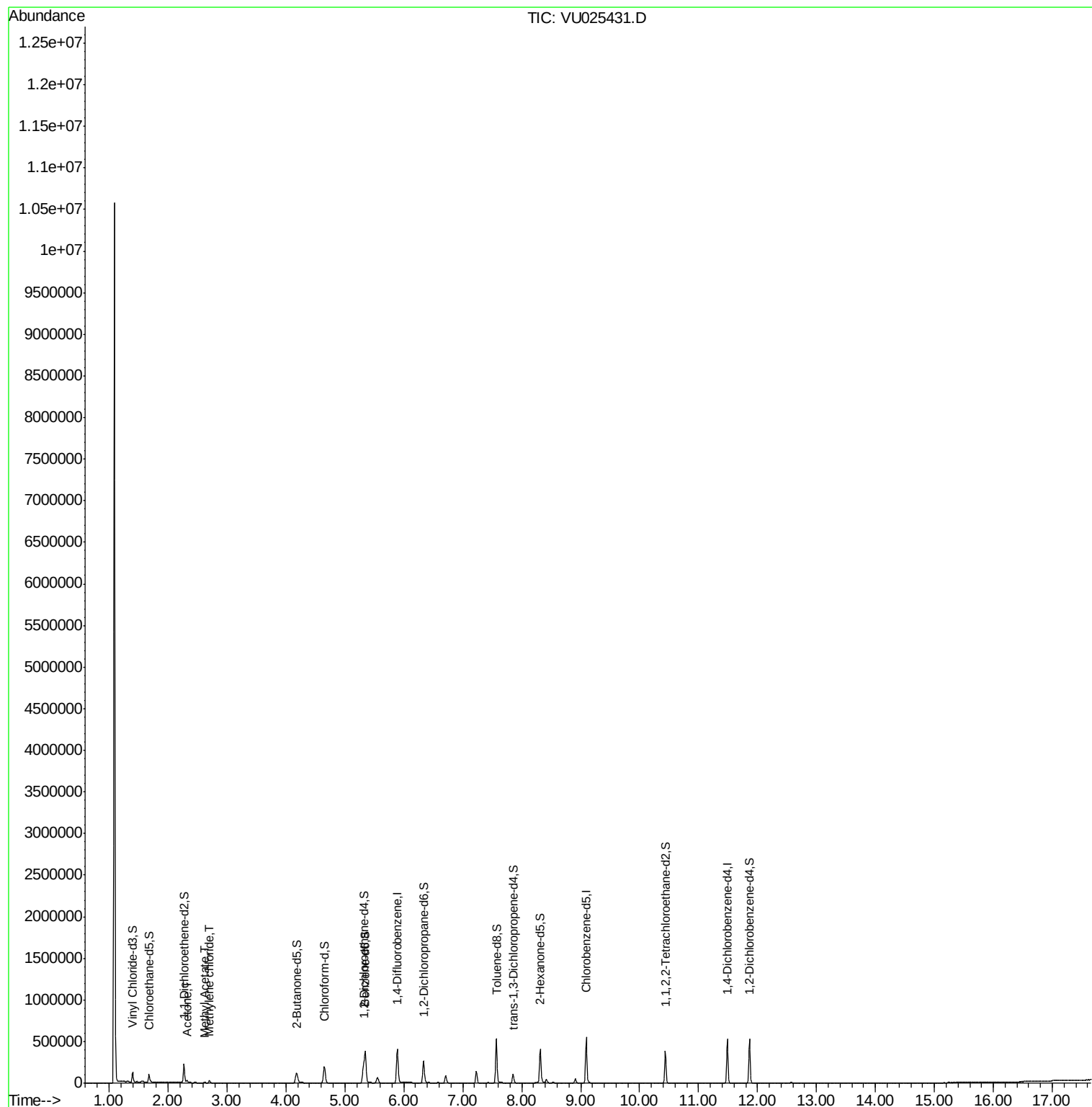
Target Compounds					Ovalue
13) Acetone	2.32	43	22966	11.78 ug/L	95
15) Methyl Acetate	2.62	43	6747	2.33 ug/L	98
16) Methylene chloride	2.70	84	12502	4.83 ug/L	96

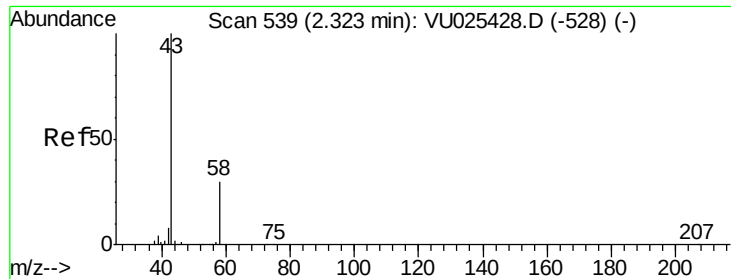
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.78 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025431.D

Acq: 16 Jul 2018 18:04

Instrument :

MSVOA_U

ClientSampleId :

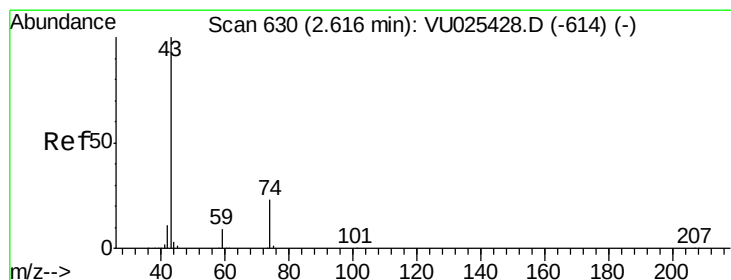
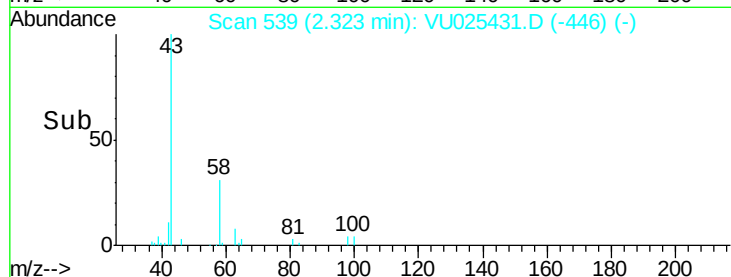
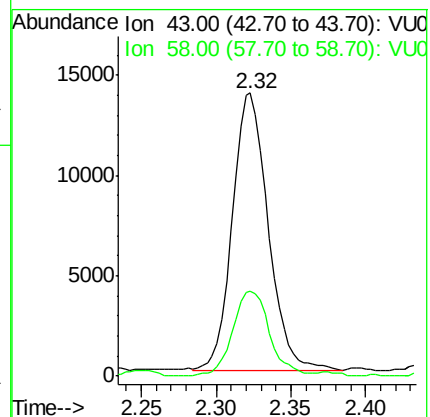
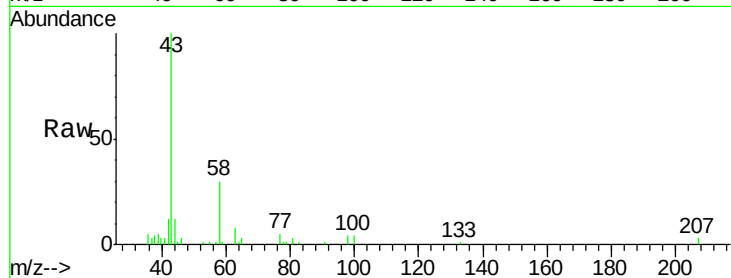
BEMG9

Tot Ion: 43 Resp: 22966

Ion Ratio Lower Upper

43 100

58 31.8 0.0 58.4



#15

Methyl Acetate

Concen: 2.33 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025431.D

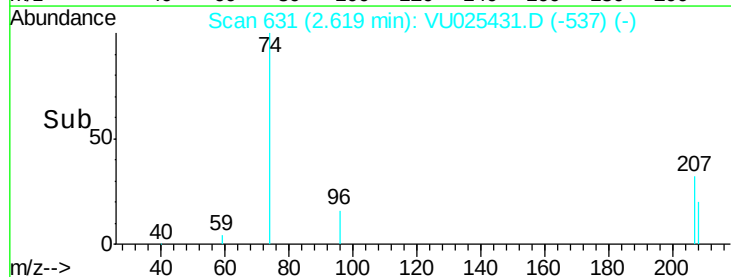
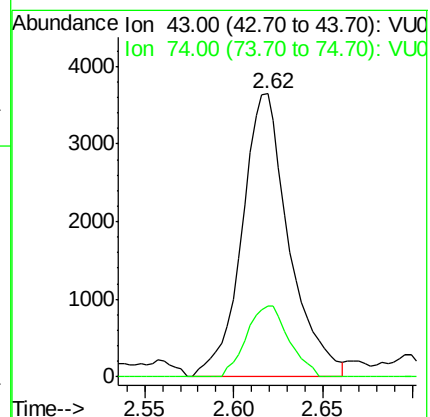
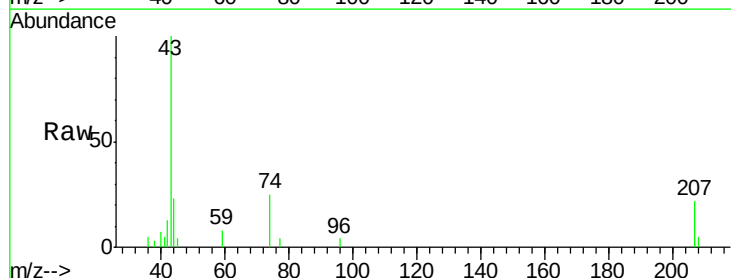
Acq: 16 Jul 2018 18:04

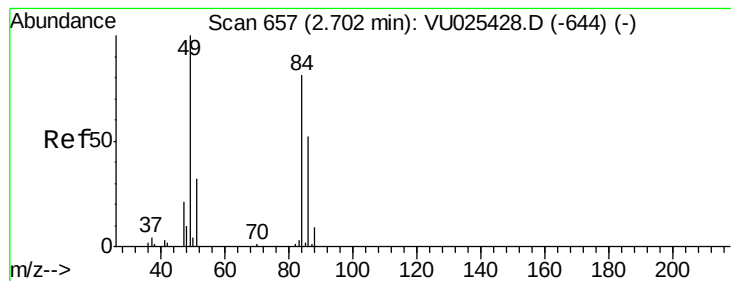
Tgt Ion: 43 Resp: 6747

Ion Ratio Lower Upper

43 100

74 22.6 18.8 28.2





#16
Methylene chloride
Concen: 4.83 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU025431.D
Acq: 16 Jul 2018 18:04

Instrument :
MSVOA_U
ClientSampleId :
BEMG9

Tot Ion: 84 Resp: 12502

Ion	Ratio	Lower	Upper
84	100		
86	62.3	45.2	84.0
49	114.7	83.6	155.2

