

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025430.D
 Acq On : 16 Jul 2018 17:39
 Operator : MD/SY
 Sample : J3938-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEMH0

Quant Time: Jul 17 09:12:12 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	348719	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	312566	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	137992	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	83430	44.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.98%
7) Chloroethane-d5	1.68	69	73232	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.14%
11) 1,1-Dichloroethene-d2	2.27	63	129135	31.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.74%
21) 2-Butanone-d5	4.18	46	191424	101.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.04%
24) Chloroform-d	4.65	84	196352	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.28%
26) 1,2-Dichloroethane-d4	5.31	65	140606	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.64%
32) Benzene-d6	5.35	84	380445	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
36) 1,2-Dichloropropane-d6	6.33	67	125204	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.58%
41) Toluene-d8	7.57	98	355517	46.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.14%
43) trans-1,3-Dichloropropene-	7.85	79	56712	44.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.00%
47) 2-Hexanone-d5	8.31	63	148125	109.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.32%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	184540	47.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.64%
64) 1,2-Dichlorobenzene-d4	11.87	152	139398	48.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.70%

Target Compounds

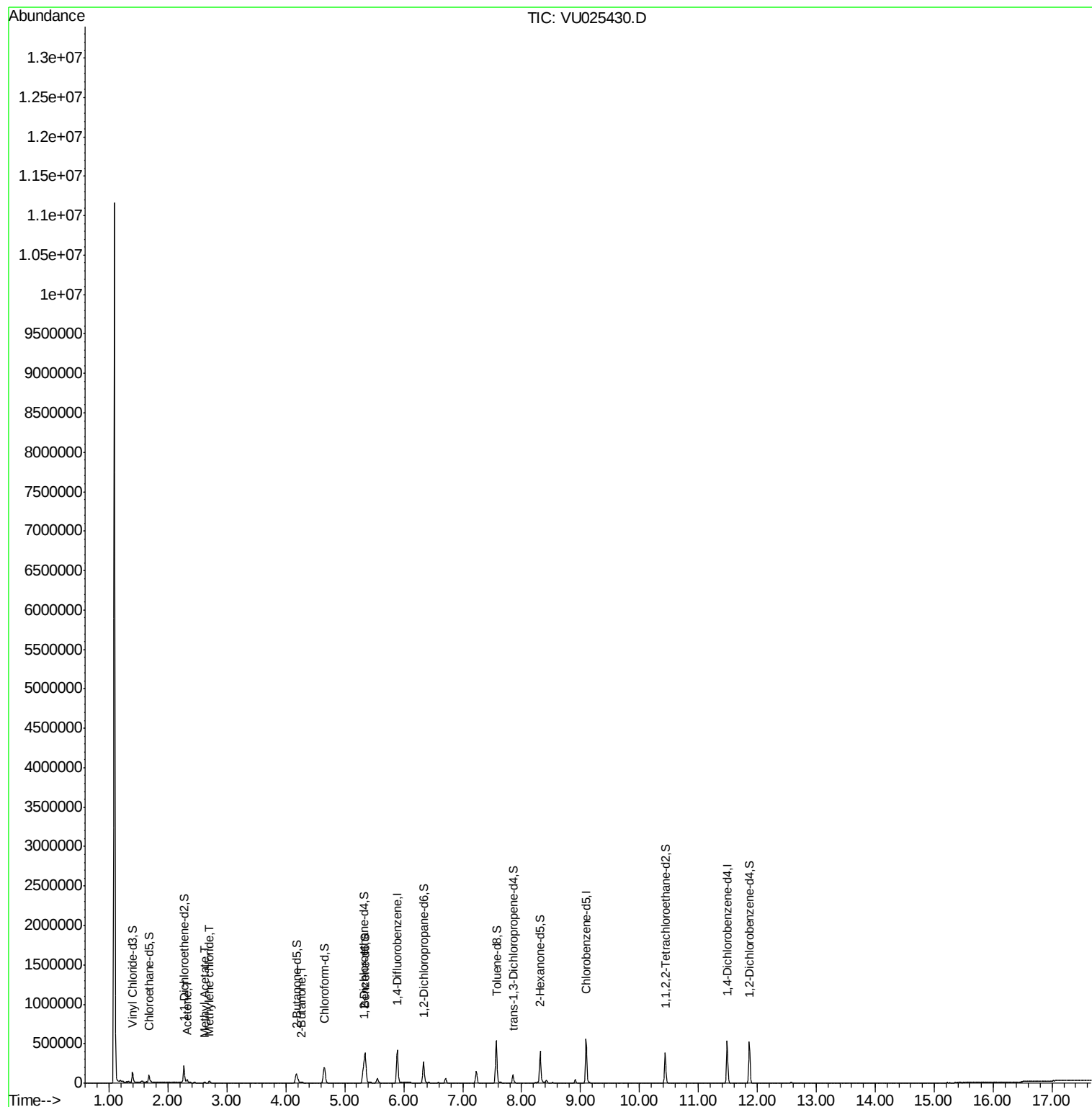
					Ovalue
13) Acetone	2.32	43	35968	18.03	ug/L 100
15) Methyl Acetate	2.62	43	6056	2.04	ug/L # 79
16) Methylene chloride	2.70	84	11637	4.39	ug/L 96
22) 2-Butanone	4.27	43	6275	2.61	ug/L 89

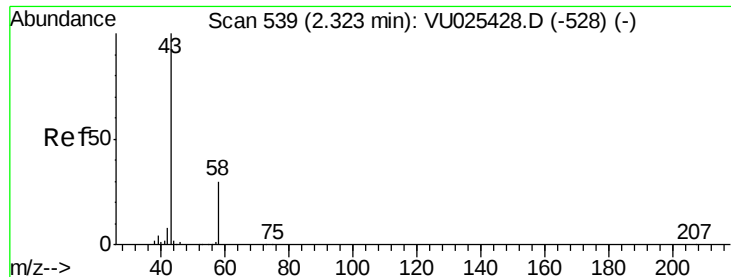
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.03 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025430.D

Acq: 16 Jul 2018 17:39

Instrument :

MSVOA_U

ClientSampleId :

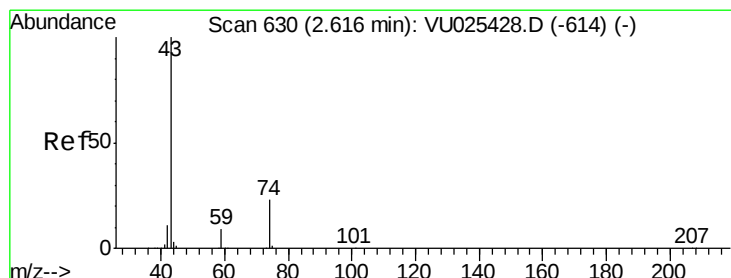
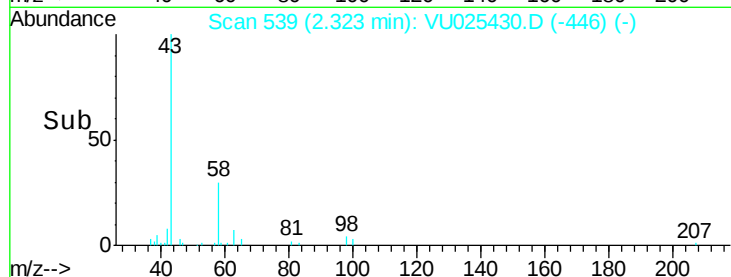
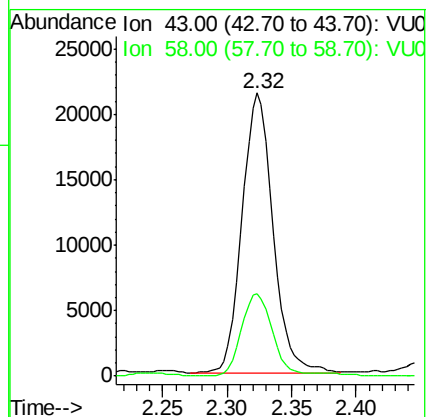
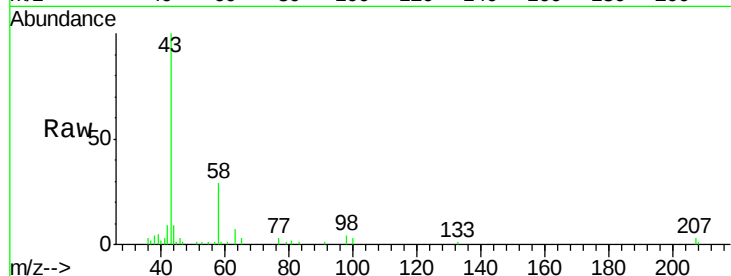
BEMH0

Tot Ion: 43 Resp: 35968

Ion Ratio Lower Upper

43 100

58 29.4 0.0 58.4



#15

Methyl Acetate

Concen: 2.04 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025430.D

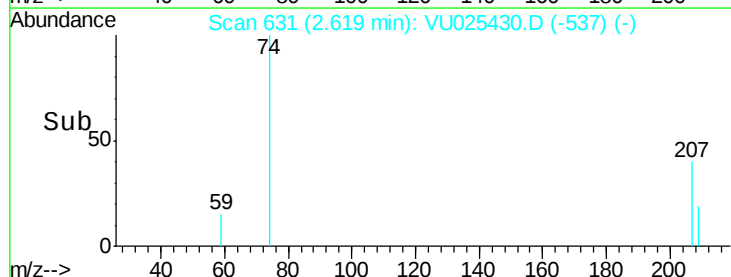
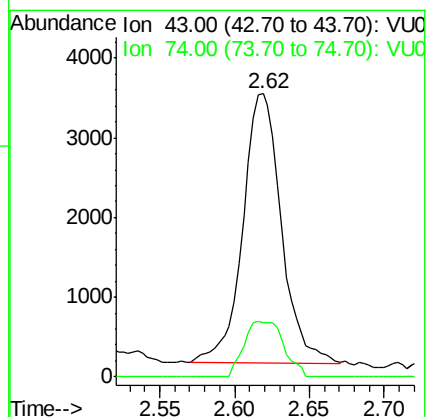
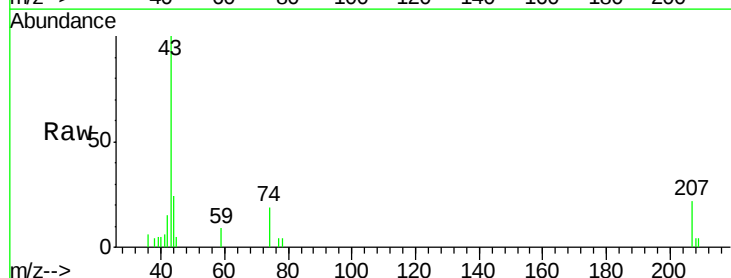
Acq: 16 Jul 2018 17:39

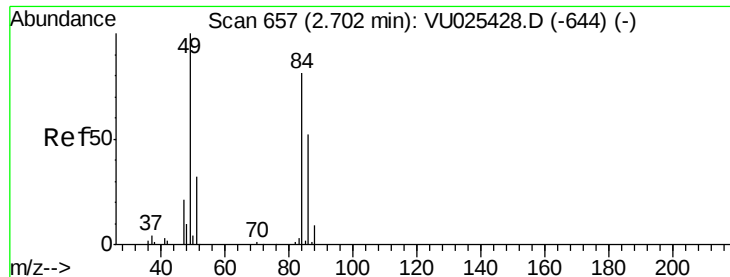
Tgt Ion: 43 Resp: 6056

Ion Ratio Lower Upper

43 100

74 13.2 18.8 28.2#

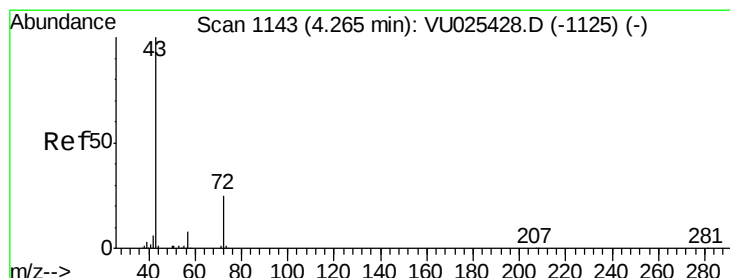
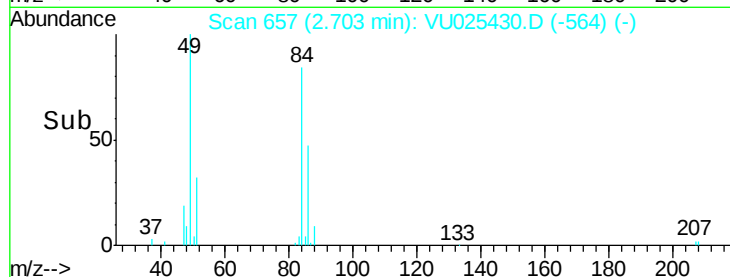
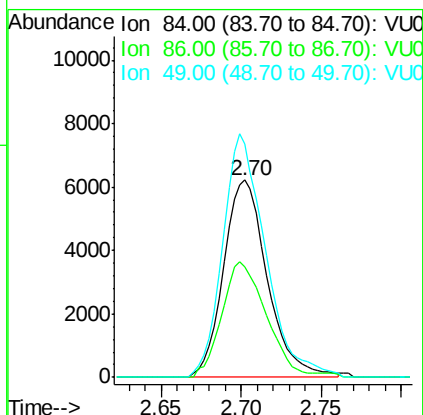
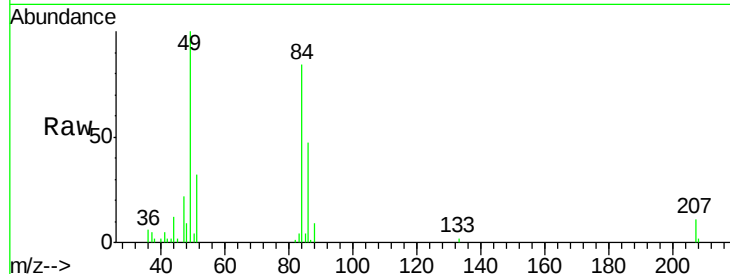




#16
Methylene chloride
Concen: 4.39 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025430.D
Acq: 16 Jul 2018 17:39

Instrument :
MSVOA_U
ClientSampled :
BEMH0

Tot Ion: 84 Resp: 11637
Ion Ratio Lower Upper
84 100
86 56.0 45.2 84.0
49 118.5 83.6 155.2



#22
2-Butanone
Concen: 2.61 ug/L
RT: 4.27 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VU025430.D
Acq: 16 Jul 2018 17:39

Tgt Ion: 43 Resp: 6275
Ion Ratio Lower Upper
43 100
72 21.1 13.3 39.9

