

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025425.D
 Acq On : 16 Jul 2018 15:33
 Operator : MD/SY
 Sample : J3938-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEMG7

Quant Time: Jul 17 09:10:15 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	340466	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	308361	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	135839	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	83488	45.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.20%
7) Chloroethane-d5	1.68	69	71425	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.04%
11) 1,1-Dichloroethene-d2	2.27	63	126148	31.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.78%
21) 2-Butanone-d5	4.18	46	185578	100.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.32%
24) Chloroform-d	4.65	84	194074	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	5.31	65	136497	46.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.10%
32) Benzene-d6	5.35	84	371222	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
36) 1,2-Dichloropropane-d6	6.34	67	122902	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.08%
41) Toluene-d8	7.57	98	348628	45.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.85	79	58706	46.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.34%
47) 2-Hexanone-d5	8.31	63	142623	106.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.69%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	180265	46.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.70%
64) 1,2-Dichlorobenzene-d4	11.87	152	139170	49.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.06%

Target Compounds

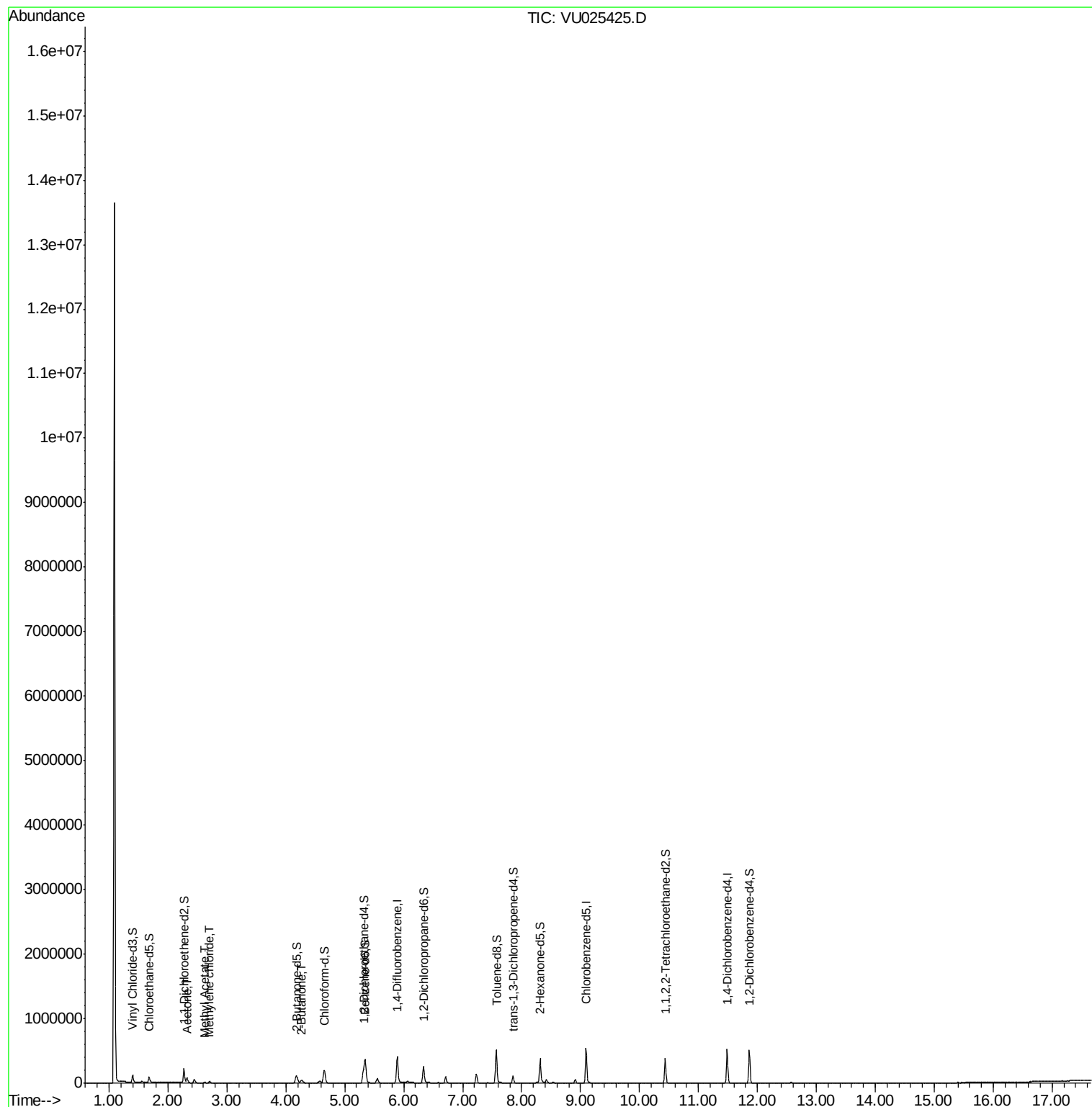
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	83014	42.63	ug/L	98
15) Methyl Acetate	2.62	43	6627	2.29	ug/L	96
16) Methylene chloride	2.70	84	11423	4.42	ug/L	92
22) 2-Butanone	4.27	43	67815	28.92	ug/L	100

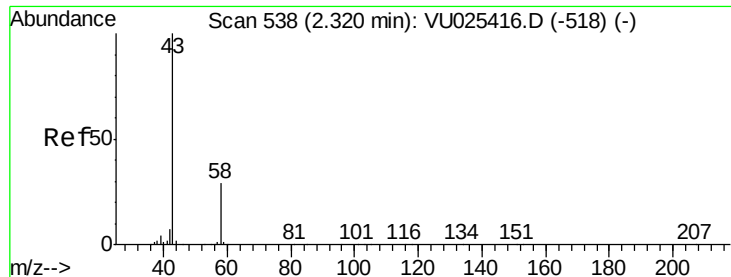
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 42.63 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025425.D

Acq: 16 Jul 2018 15:33

Instrument :

MSVOA_U

ClientSampleId :

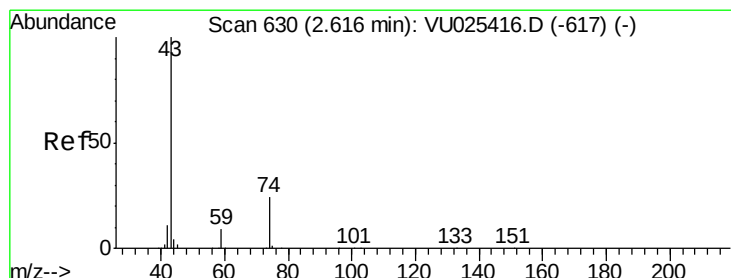
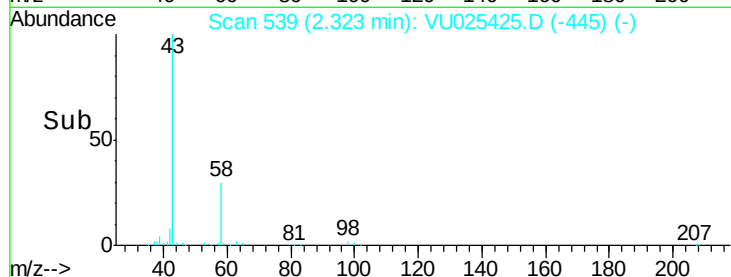
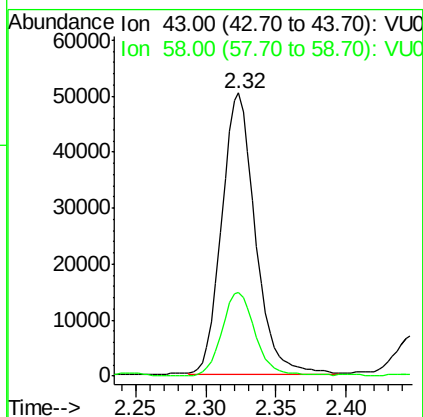
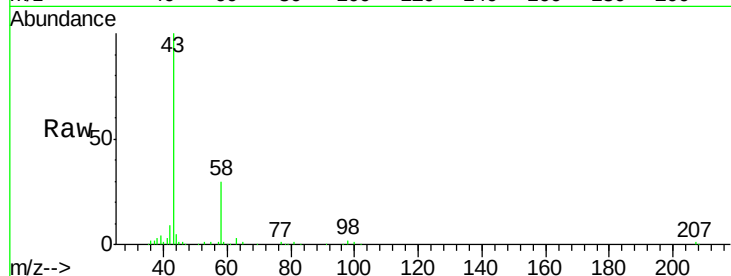
BEMG7

Tot Ion: 43 Resp: 83014

Ion Ratio Lower Upper

43 100

58 30.3 0.0 58.4



#15

Methyl Acetate

Concen: 2.29 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025425.D

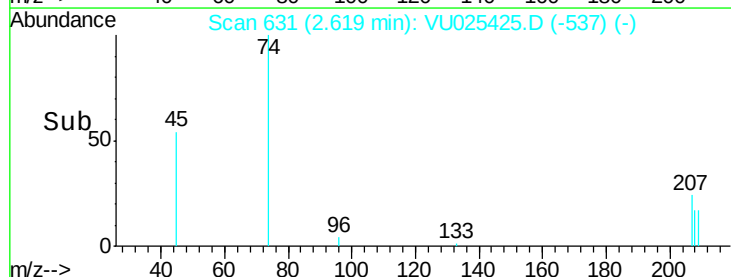
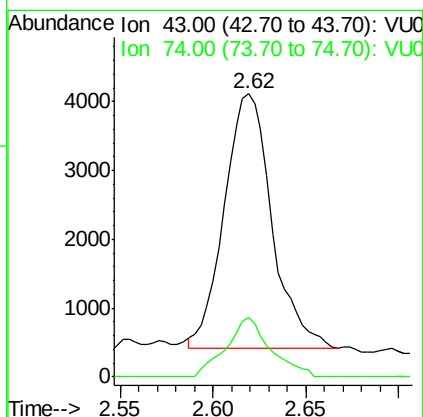
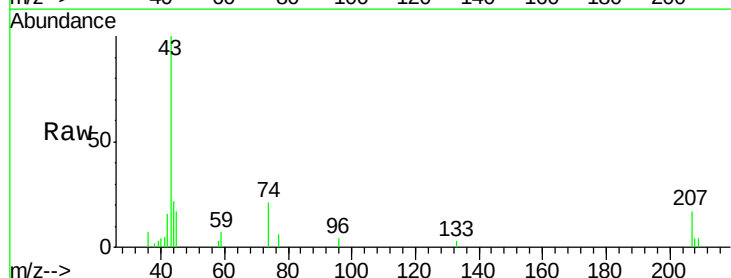
Acq: 16 Jul 2018 15:33

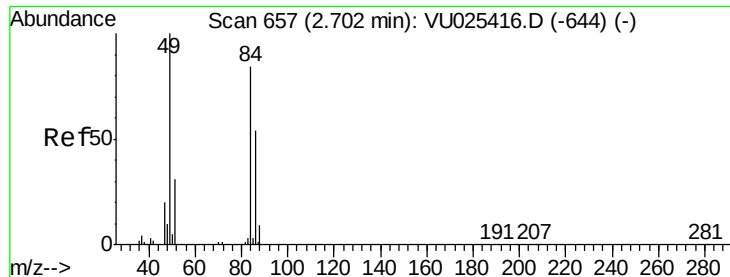
Tgt Ion: 43 Resp: 6627

Ion Ratio Lower Upper

43 100

74 21.5 18.8 28.2

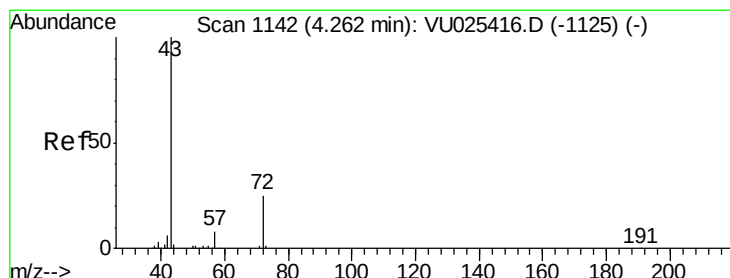
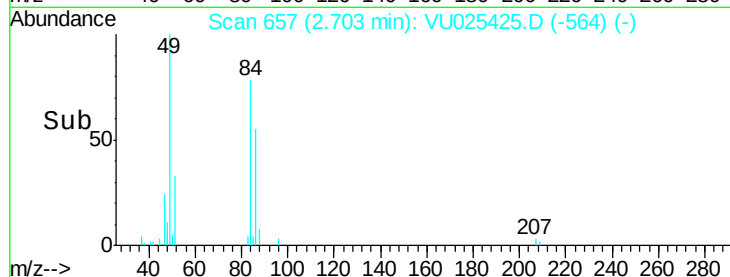
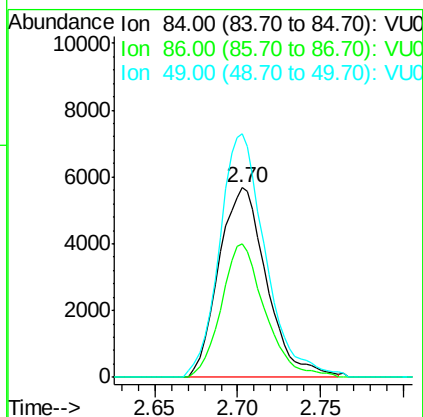
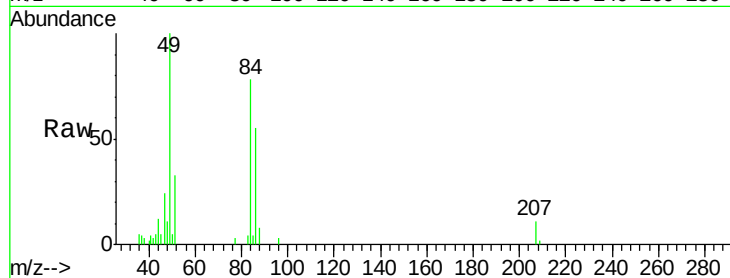




#16
Methylene chloride
Concen: 4.42 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025425.D
Acq: 16 Jul 2018 15:33

Instrument :
MSVOA_U
ClientSampled :
BEMG7

Tot Ion: 84 Resp: 11423
Ion Ratio Lower Upper
84 100
86 70.3 45.2 84.0
49 128.6 83.6 155.2



#22
2-Butanone
Concen: 28.92 ug/L
RT: 4.27 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU025425.D
Acq: 16 Jul 2018 15:33

Tgt Ion: 43 Resp: 67815
Ion Ratio Lower Upper
43 100
72 26.5 13.3 39.9

