

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 03:56:27 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

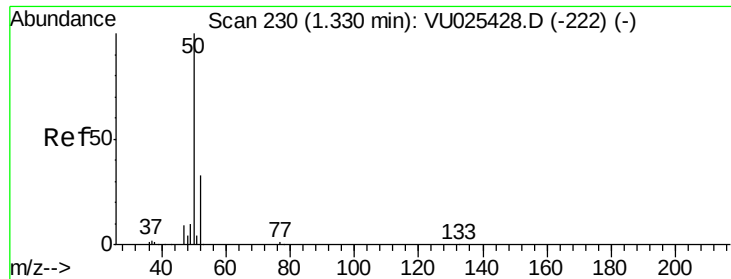
System Monitoring Compounds

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

					Qvalue
3) Chloromethane	1.33	50	3970	1.244 ug/L	100
13) Acetone	2.32	43	22966	11.780 ug/L	95
15) Methyl Acetate	2.62	43	6747	2.328 ug/L	98
16) Methylene chloride	2.70	84	12502	4.830 ug/L	96
22) 2-Butanone	4.27	43	5126	2.183 ug/L	99
48) 2-Hexanone	8.31	43	16148	4.781 ug/L #	67

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



#3

Chloromethane

Concen: 1.244 ug/L

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

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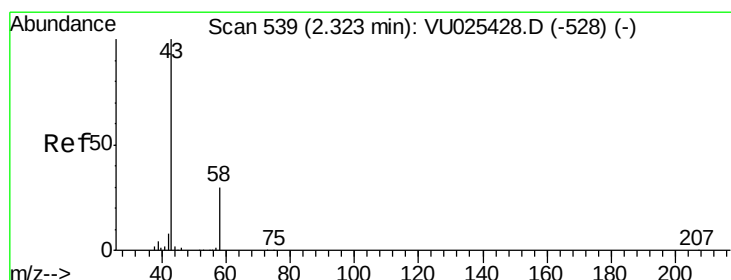
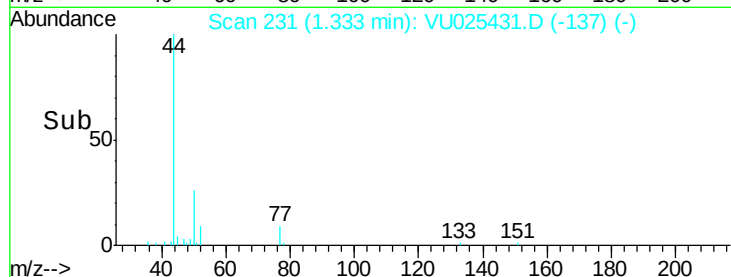
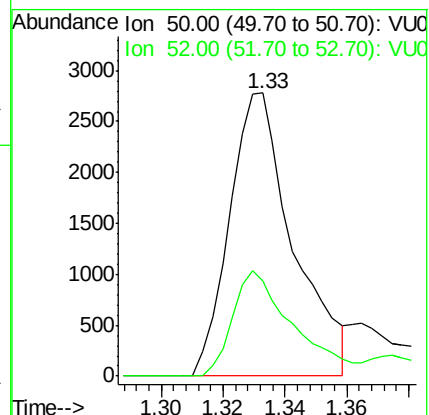
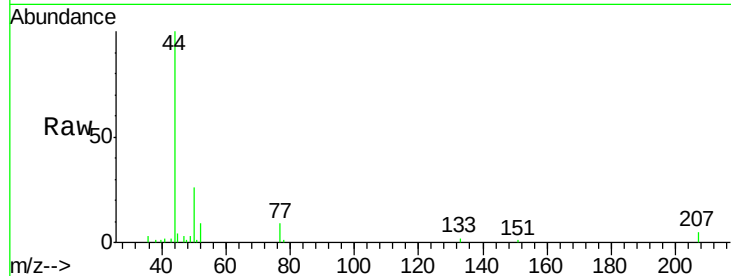
BEMG9

Tgt Ion: 50 Resp: 3970

Ion Ratio Lower Upper

50 100

52 33.8 23.5 43.7



#13

Acetone

Concen: 11.780 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025431.D

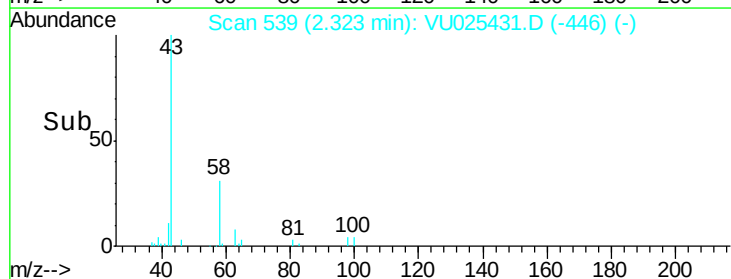
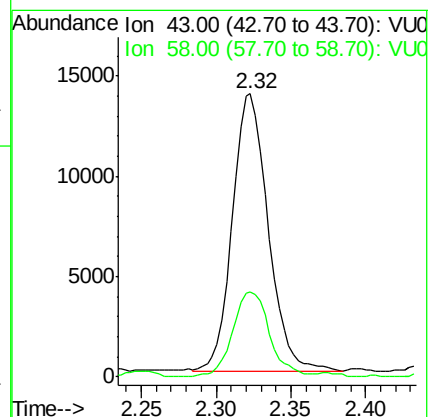
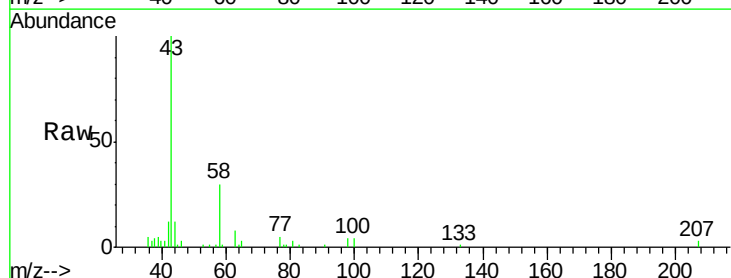
Acq: 16 Jul 2018 18:04

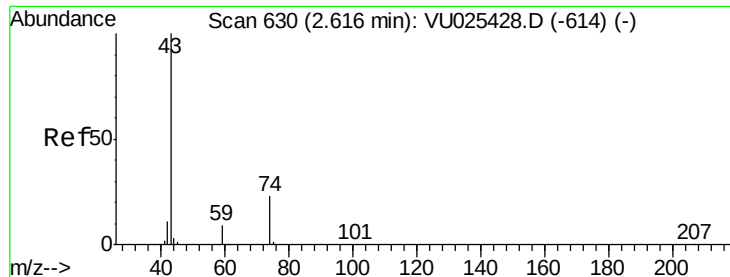
Tgt Ion: 43 Resp: 22966

Ion Ratio Lower Upper

43 100

58 31.8 0.0 58.4

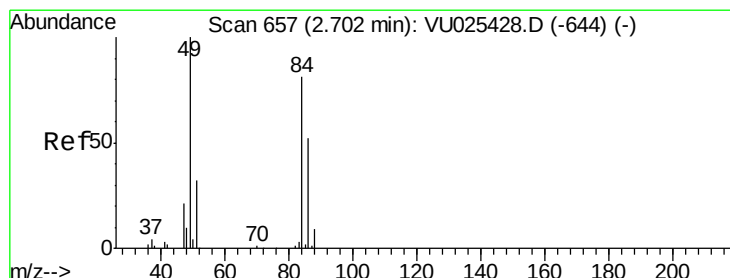
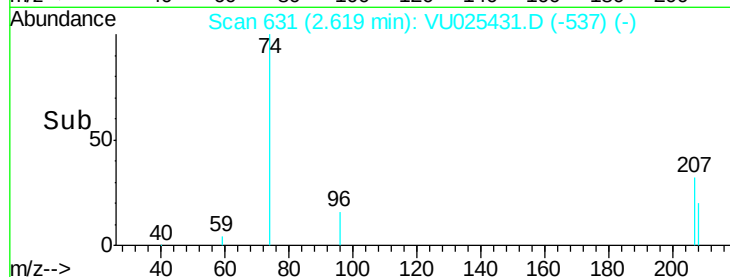
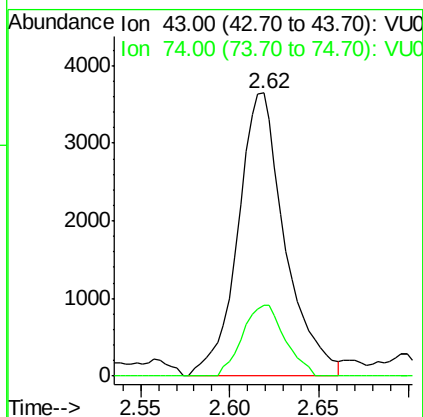
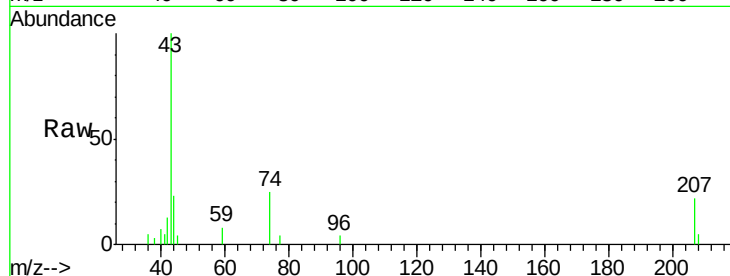




#15
Methyl Acetate
Concen: 2.328 ug/L
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025431.D
Acq: 16 Jul 2018 18:04

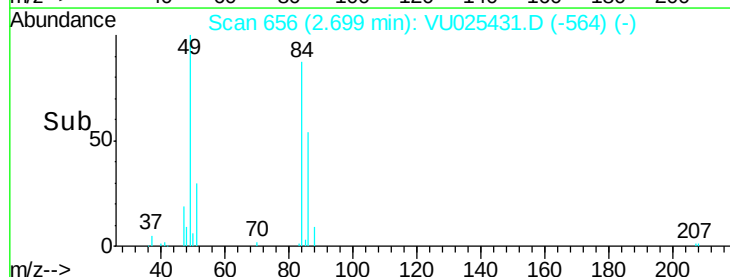
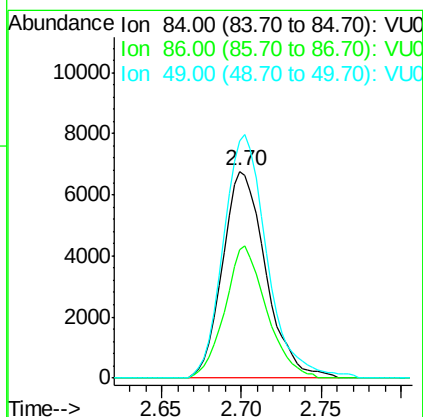
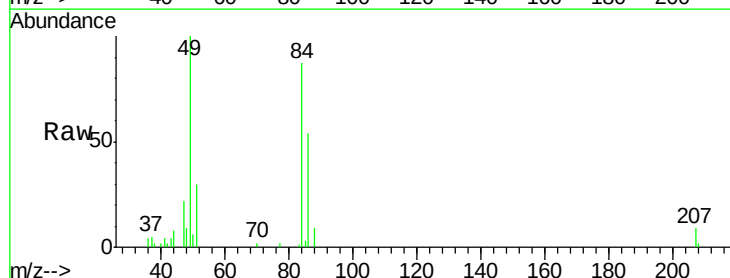
Instrument :
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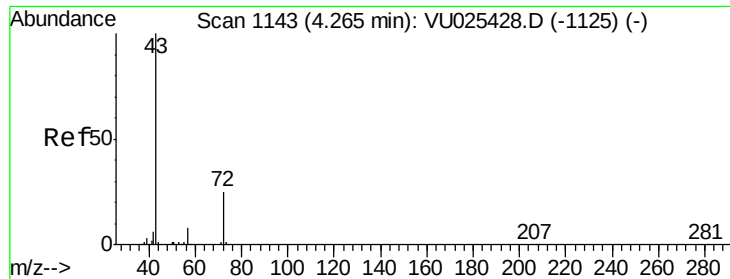
Tgt Ion: 43 Resp: 6747
Ion Ratio Lower Upper
43 100
74 22.6 18.8 28.2



#16
Methylene chloride
Concen: 4.830 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU025431.D
Acq: 16 Jul 2018 18:04

Tgt Ion: 84 Resp: 12502
Ion Ratio Lower Upper
84 100
86 62.3 45.2 84.0
49 114.7 83.6 155.2

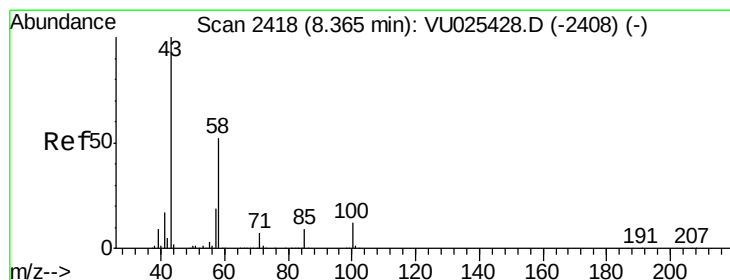
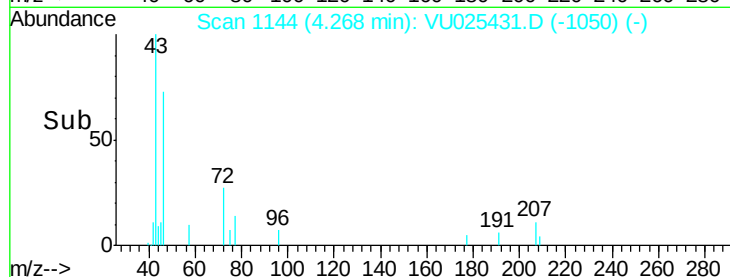
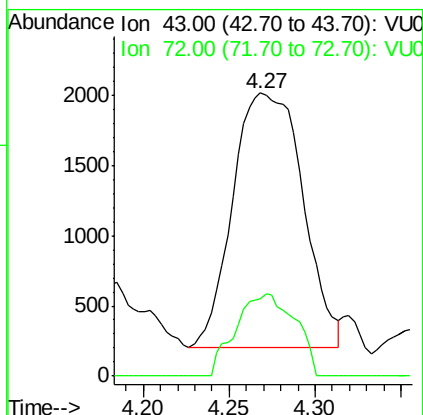
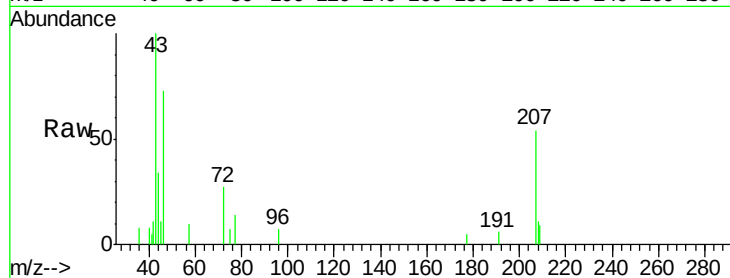




#22
2-Butanone
Concen: 2.183 ug/L
RT: 4.27 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VU025431.D
Acq: 16 Jul 2018 18:04

Instrument :
MSVOA_U
ClientSampleId :
BEMG9

Tgt Ion: 43 Resp: 5126
Ion Ratio Lower Upper
43 100
72 27.3 13.3 39.9



#48
2-Hexanone
Concen: 4.781 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU025431.D
Acq: 16 Jul 2018 18:04

Tgt Ion: 43 Resp: 16148
Ion Ratio Lower Upper
43 100
58 24.0 43.0 64.4#
57 25.0 15.8 23.6#
100 0.0 9.4 14.0#

