

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 02:27:43 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

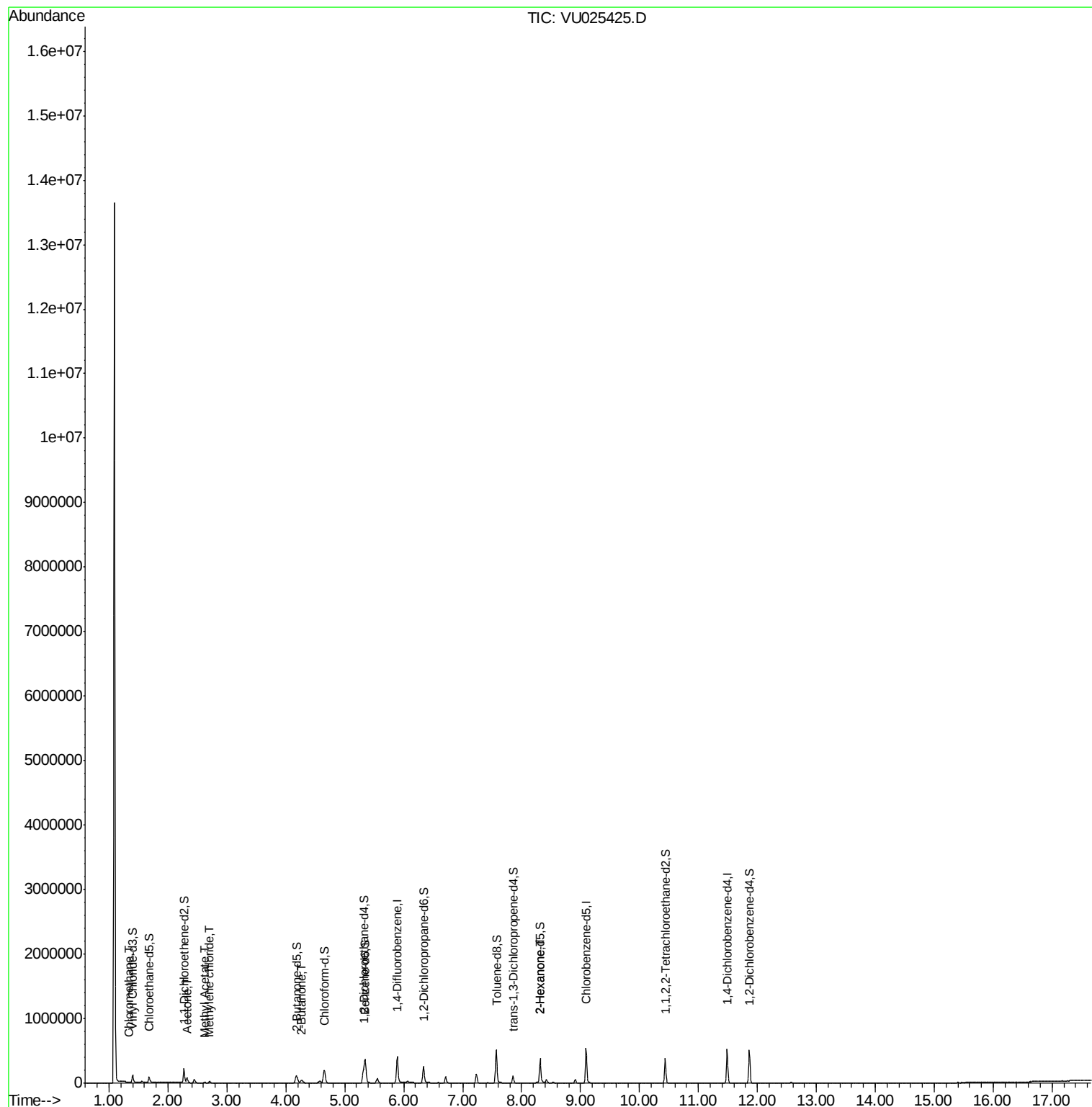
					Qvalue
3) Chloromethane	1.33	50	4057	1.273 ug/L	93
13) Acetone	2.32	43	83014	42.631 ug/L	98
15) Methyl Acetate	2.62	43	6627	2.289 ug/L	96
16) Methylene chloride	2.70	84	11423	4.419 ug/L	92
22) 2-Butanone	4.27	43	67815	28.917 ug/L	100
48) 2-Hexanone	8.31	43	17073	5.149 ug/L #	67

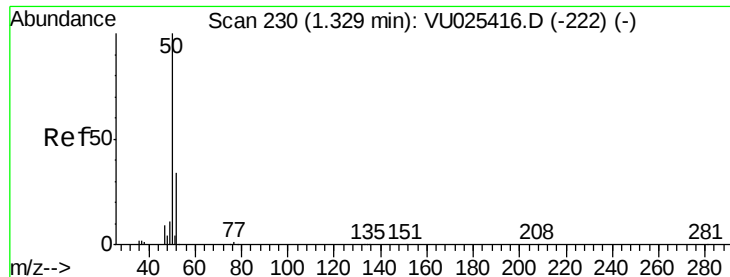
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.273 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025425.D

Acq: 16 Jul 2018 15:33

Instrument :

MSVOA_U

ClientSampleId :

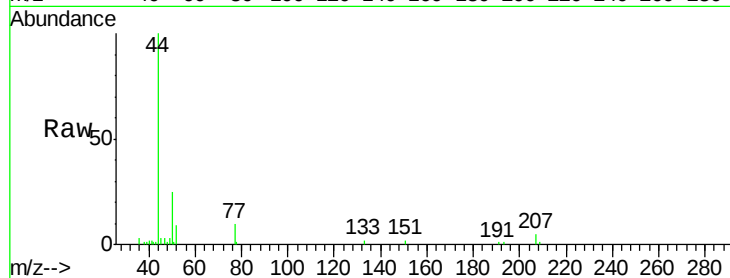
BEMG7

Tgt Ion: 50 Resp: 4057

Ion Ratio Lower Upper

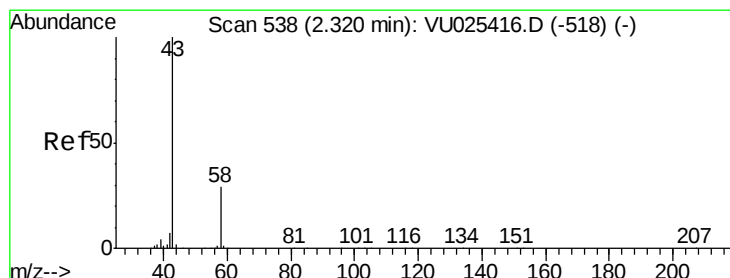
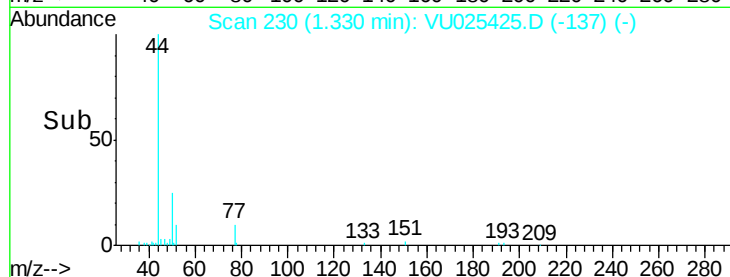
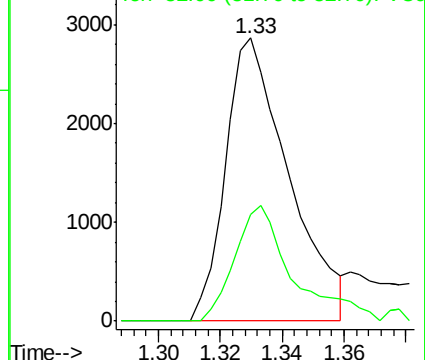
50 100

52 37.6 23.5 43.7



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#13

Acetone

Concen: 42.631 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025425.D

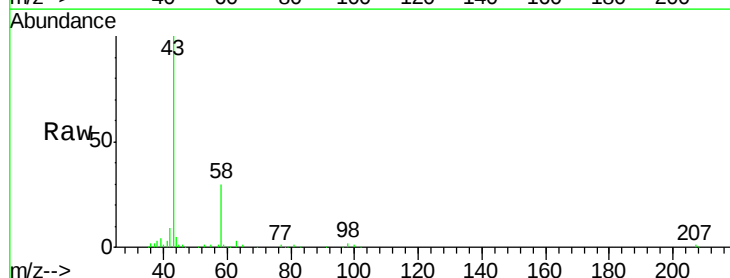
Acq: 16 Jul 2018 15:33

Tgt Ion: 43 Resp: 83014

Ion Ratio Lower Upper

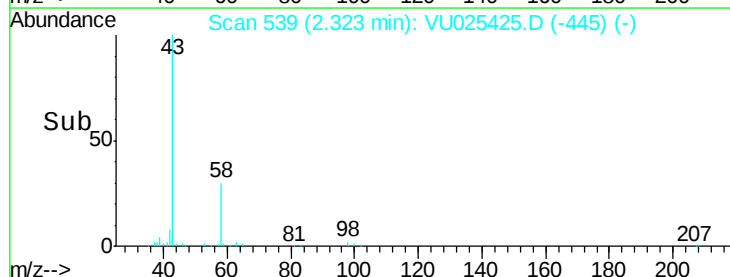
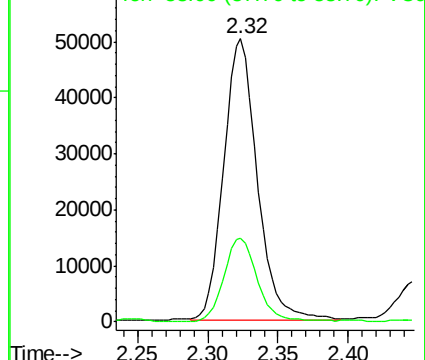
43 100

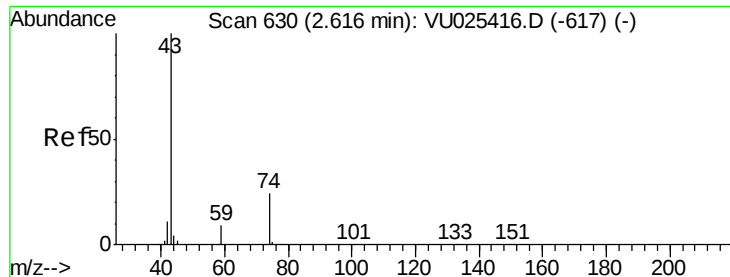
58 30.3 0.0 58.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

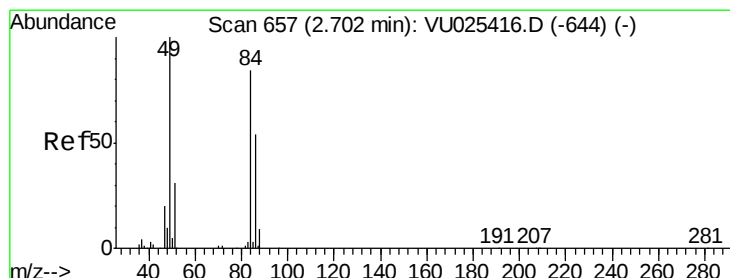
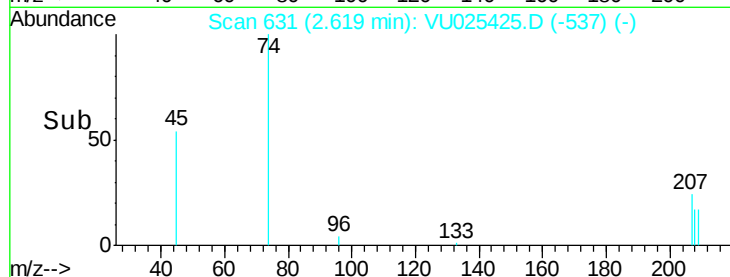
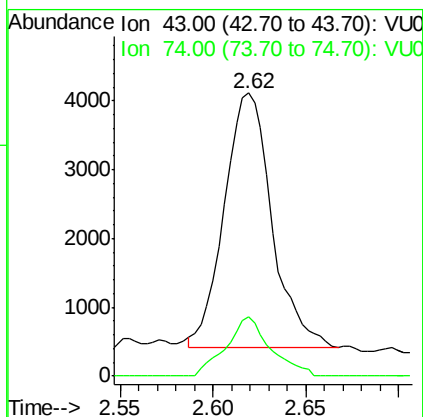
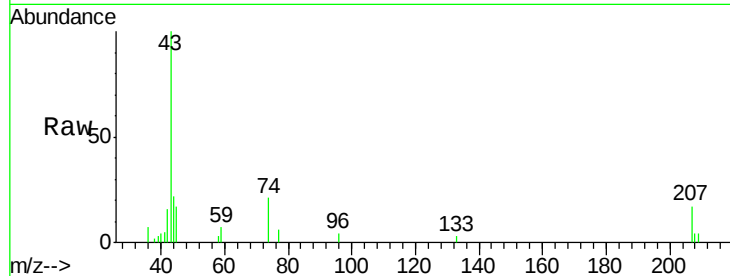




#15
Methyl Acetate
Concen: 2.289 ug/L
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025425.D
Acq: 16 Jul 2018 15:33

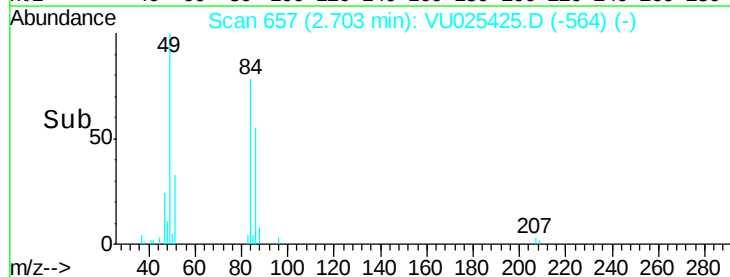
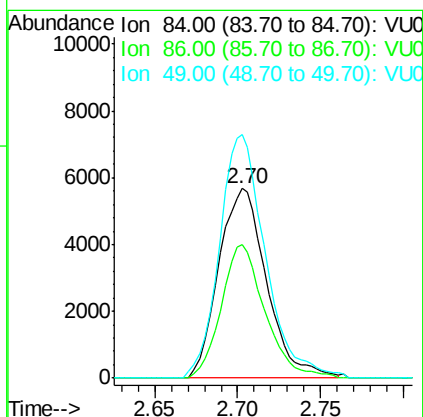
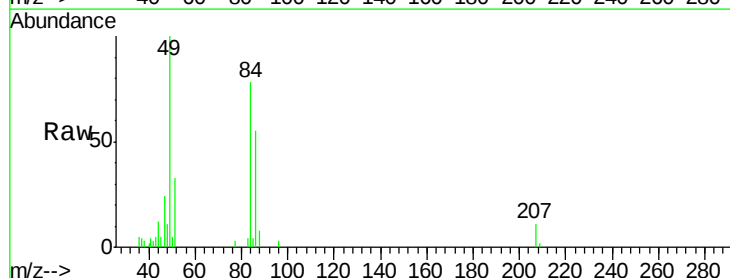
Instrument :
MSVOA_U
ClientSampleId :
BEMG7

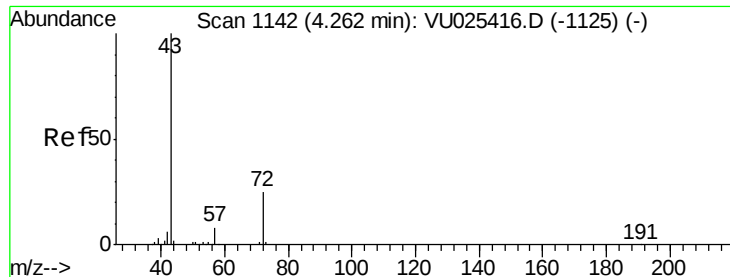
Tgt Ion: 43 Resp: 6627
Ion Ratio Lower Upper
43 100
74 21.5 18.8 28.2



#16
Methylene chloride
Concen: 4.419 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025425.D
Acq: 16 Jul 2018 15:33

Tgt 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: 28.917 ug/L

RT: 4.27 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VU025425.D

Acq: 16 Jul 2018 15:33

Instrument :

MSVOA_U

ClientSampleId :

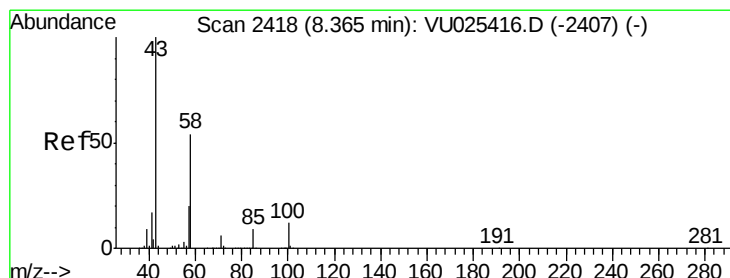
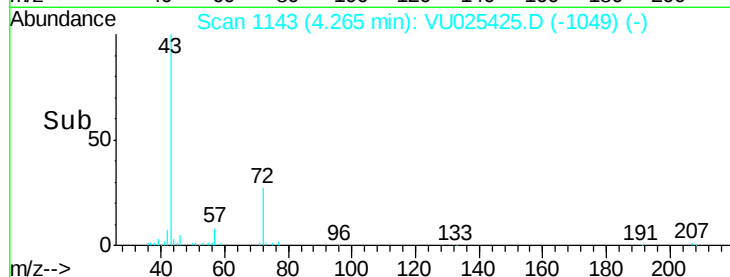
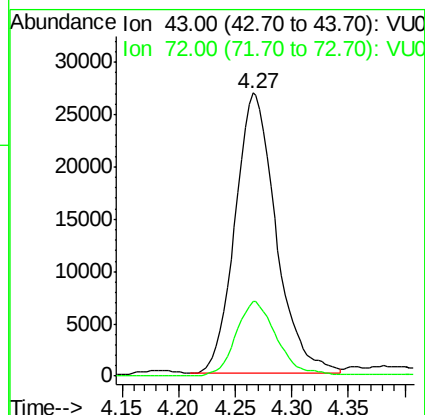
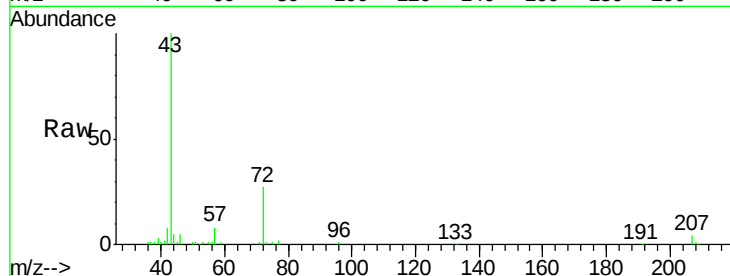
BEMG7

Tgt Ion: 43 Resp: 67815

Ion Ratio Lower Upper

43 100

72 26.5 13.3 39.9



#48

2-Hexanone

Concen: 5.149 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU025425.D

Acq: 16 Jul 2018 15:33

Tgt Ion: 43 Resp: 17073

Ion Ratio Lower Upper

43 100

58 22.4 43.0 64.4#

57 22.0 15.8 23.6

100 0.0 9.4 14.0#

