

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
 Data File : VU025424.D
 Acq On : 16 Jul 2018 15:08
 Operator : MD/SY
 Sample : VLEB#01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB01

Quant Time: Jul 17 02:27:38 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	346387	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	318363	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	147189	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85031	45.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.30%
7) Chloroethane-d5	1.68	69	72271	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.52%
11) 1,1-Dichloroethene-d2	2.27	63	131570	32.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.38%
21) 2-Butanone-d5	4.18	46	183135	97.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.31%
24) Chloroform-d	4.65	84	197188	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
26) 1,2-Dichloroethane-d4	5.31	65	139965	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
32) Benzene-d6	5.35	84	386841	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
36) 1,2-Dichloropropane-d6	6.34	67	130447	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.84%
41) Toluene-d8	7.57	98	368421	46.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.76%
43) trans-1,3-Dichloropropene-	7.85	79	59892	45.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.24%
47) 2-Hexanone-d5	8.31	63	143452	103.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.94%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	187239	47.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	147288	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%

Target Compounds

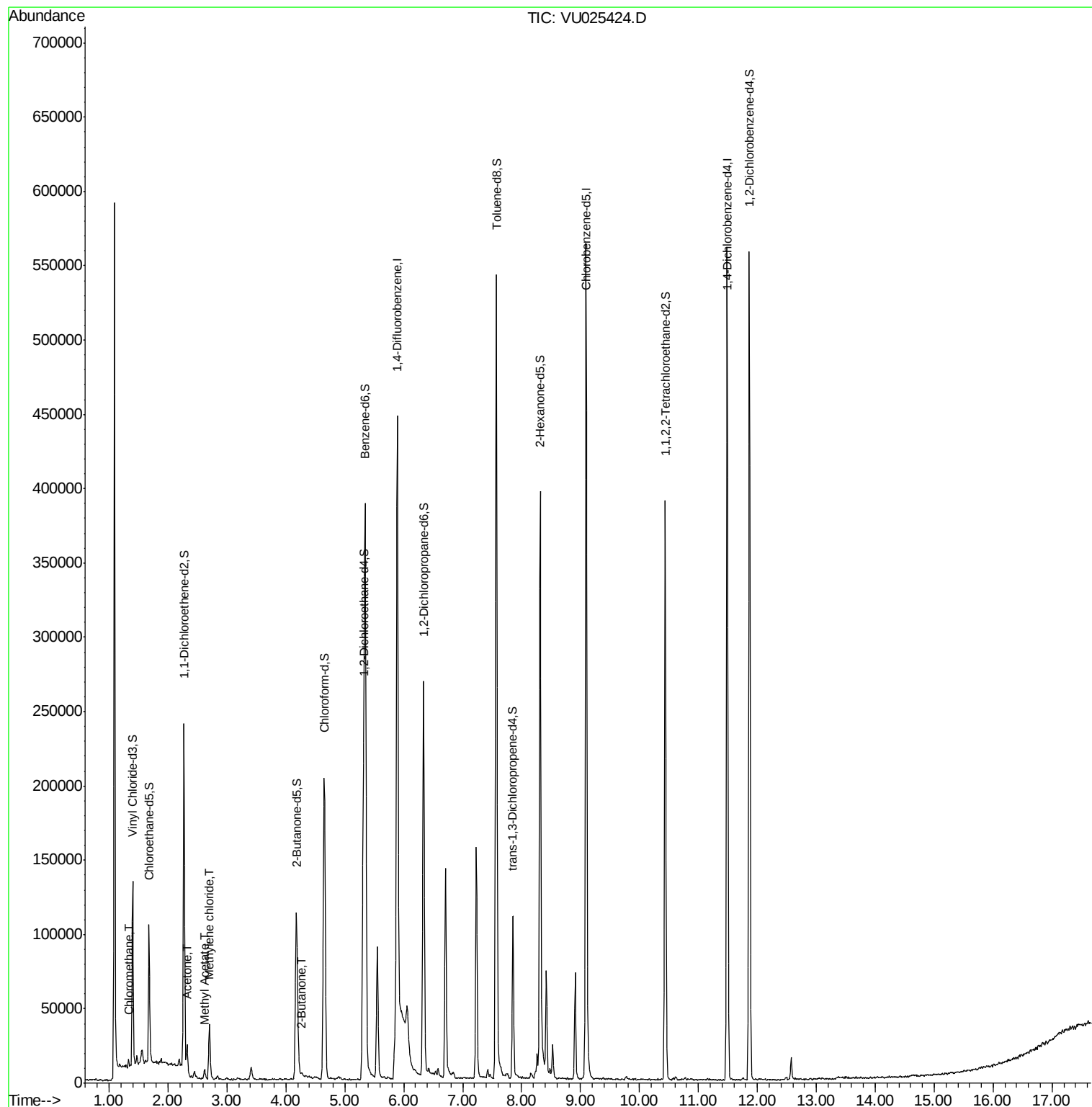
					Qvalue
3) Chloromethane	1.33	50	5011	1.545 ug/L	96
13) Acetone	2.32	43	17599	8.883 ug/L	95
15) Methyl Acetate	2.62	43	6941	2.357 ug/L	93
16) Methylene chloride	2.70	84	17122	6.510 ug/L	97
22) 2-Butanone	4.27	43	3309	1.387 ug/L	86

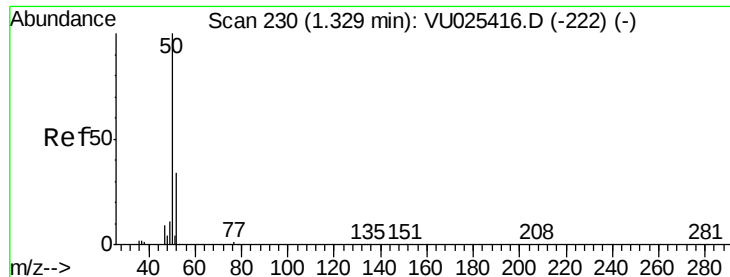
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
Data File : VU025424.D
Acq On : 16 Jul 2018 15:08
Operator : MD/SY
Sample : VLEB#01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Quant Time: Jul 17 02:27:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 17 02:25:49 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.545 ug/L

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025424.D

Acq: 16 Jul 2018 15:08

Instrument :

MSVOA_U

ClientSampleId :

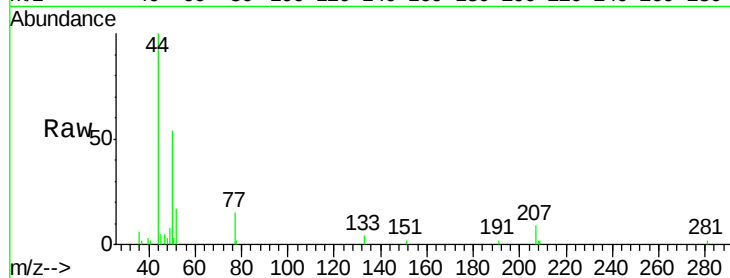
VLEB01

Tgt Ion: 50 Resp: 5011

Ion Ratio Lower Upper

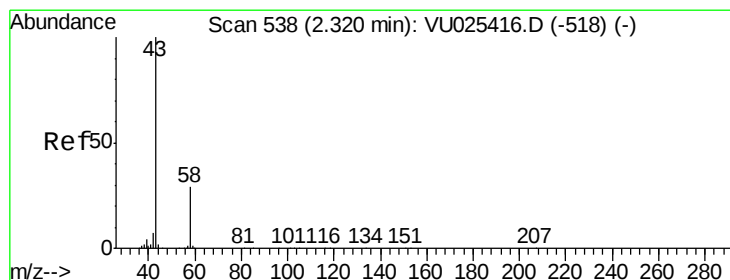
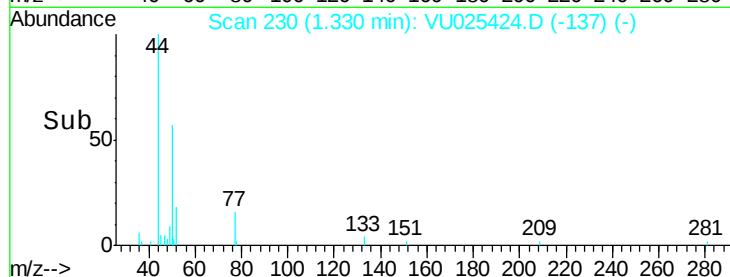
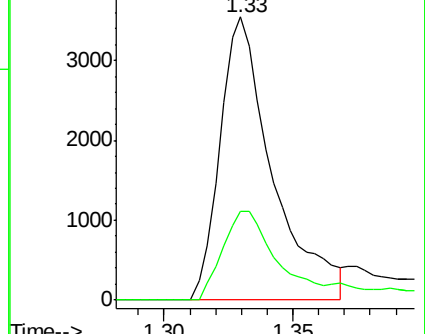
50 100

52 31.2 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: 8.883 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025424.D

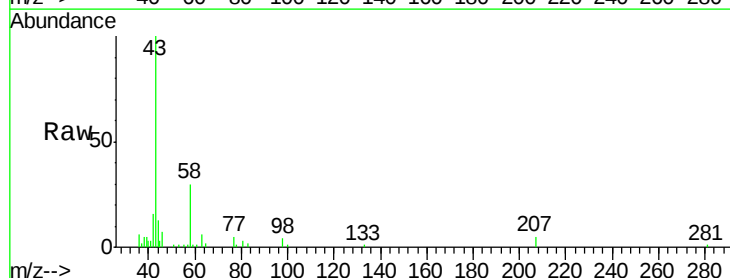
Acq: 16 Jul 2018 15:08

Tgt Ion: 43 Resp: 17599

Ion Ratio Lower Upper

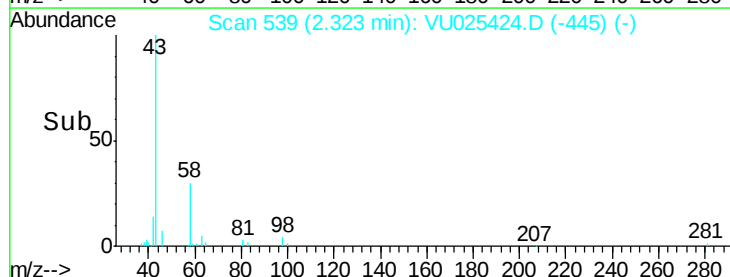
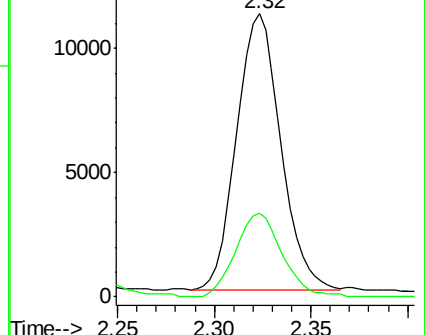
43 100

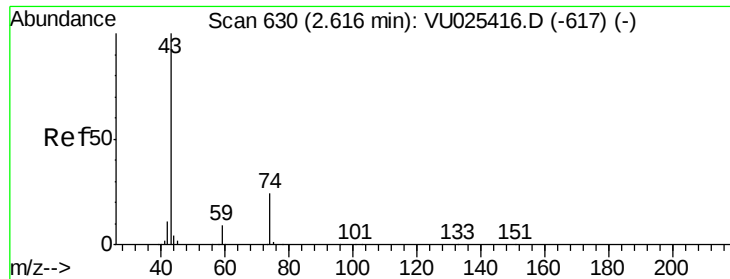
58 31.8 0.0 58.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

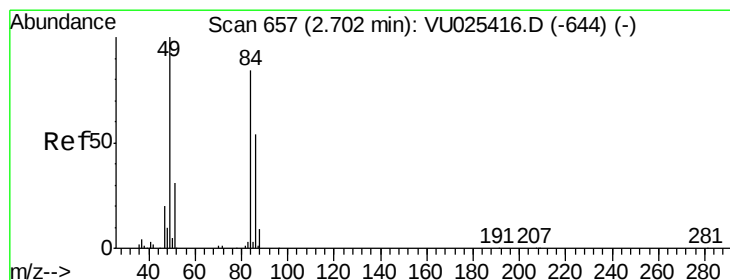
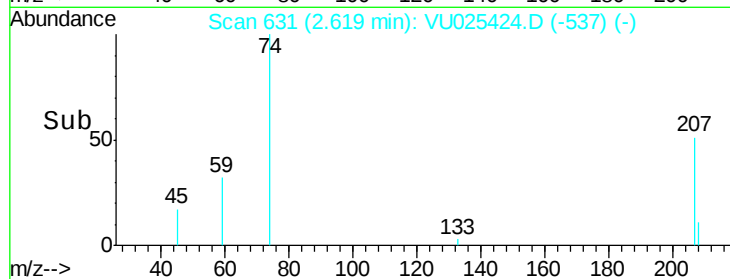
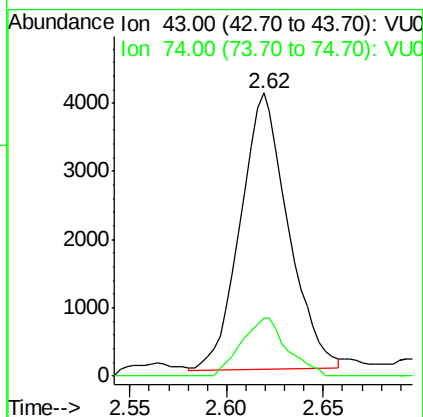
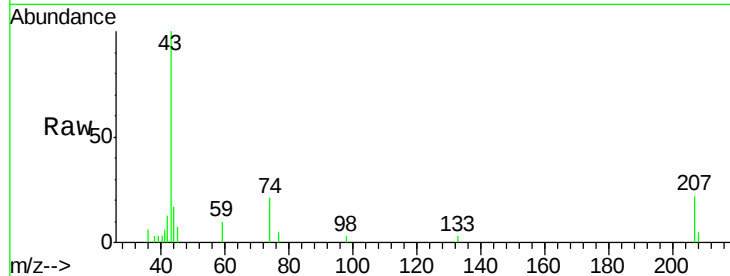




#15
Methyl Acetate
Concen: 2.357 ug/L
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025424.D
Acq: 16 Jul 2018 15:08

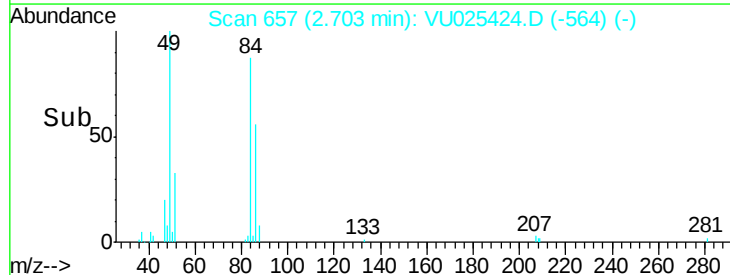
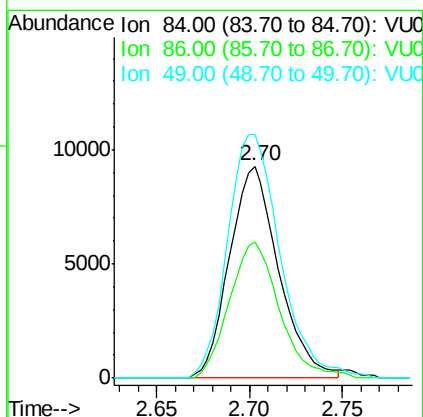
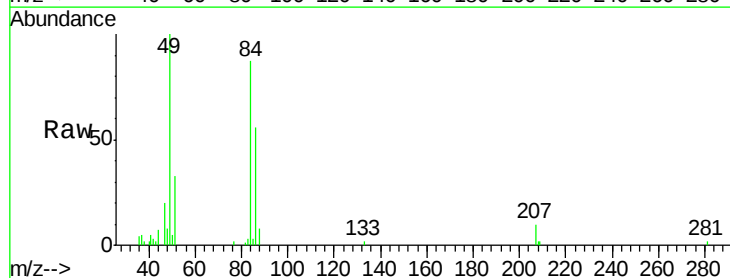
Instrument :
MSVOA_U
ClientSampled :
VLEB01

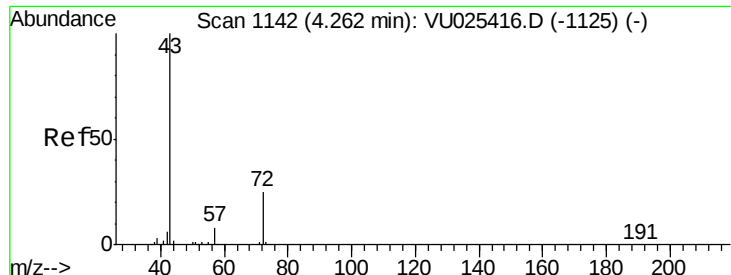
Tgt Ion: 43 Resp: 6941
Ion Ratio Lower Upper
43 100
74 20.2 18.8 28.2



#16
Methylene chloride
Concen: 6.510 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025424.D
Acq: 16 Jul 2018 15:08

Tgt Ion: 84 Resp: 17122
Ion Ratio Lower Upper
84 100
86 63.8 45.2 84.0
49 114.6 83.6 155.2





#22

2-Butanone

Concen: 1.387 ug/L

RT: 4.27 min Scan# 1146

Delta R.T. 0.01 min

Lab File: VU025424.D

Acq: 16 Jul 2018 15:08

Instrument :

MSVOA_U

ClientSampleId :

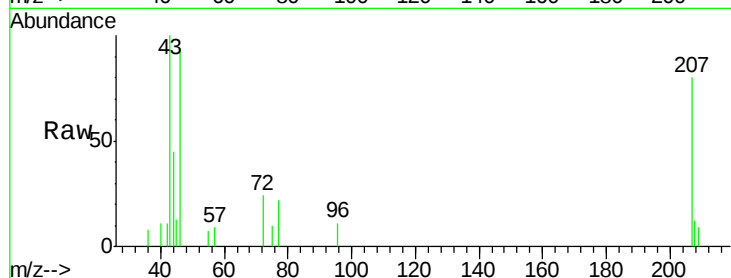
VLEB01

Tgt Ion: 43 Resp: 3309

Ion Ratio Lower Upper

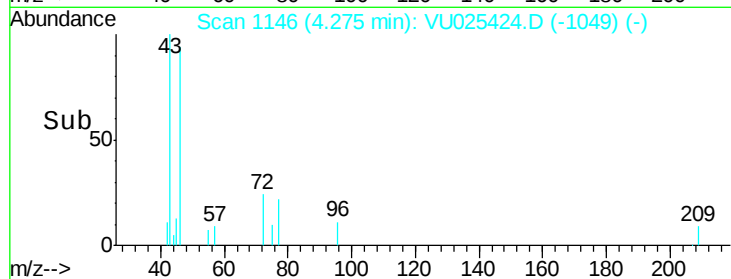
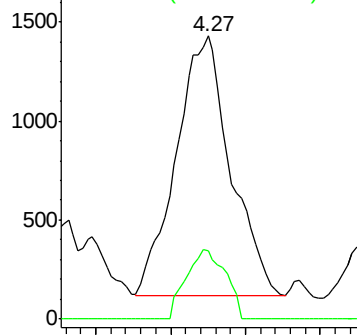
43 100

72 19.5 13.3 39.9



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



Time-->