

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011620\
 Data File : VU036496.D
 Acq On : 16 Jan 2020 11:44
 Operator : JC/MD
 Sample : VU0116WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK42

Quant Time: Jan 16 14:17:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 16 14:14:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	569159	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	529370	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	222005	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	169606	45.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.92%
7) Chloroethane-d5	1.93	69	155202	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.18%
11) 1,1-Dichloroethene-d2	2.59	63	253717	35.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.62%
21) 2-Butanone-d5	4.68	46	318932	100.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.53%
24) Chloroform-d	5.11	84	351225	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
26) 1,2-Dichloroethane-d4	5.74	65	240682	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.56%
32) Benzene-d6	5.77	84	692031	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.98%
36) 1,2-Dichloropropane-d6	6.73	67	229982	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.16%
41) Toluene-d8	7.93	98	647938	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%
43) trans-1,3-Dichloropropene-	8.21	79	115747	47.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.44%
47) 2-Hexanone-d5	8.67	63	239673	103.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.87%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	338423	49.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.94%
64) 1,2-Dichlorobenzene-d4	12.21	152	220105	50.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.66%

Target Compounds

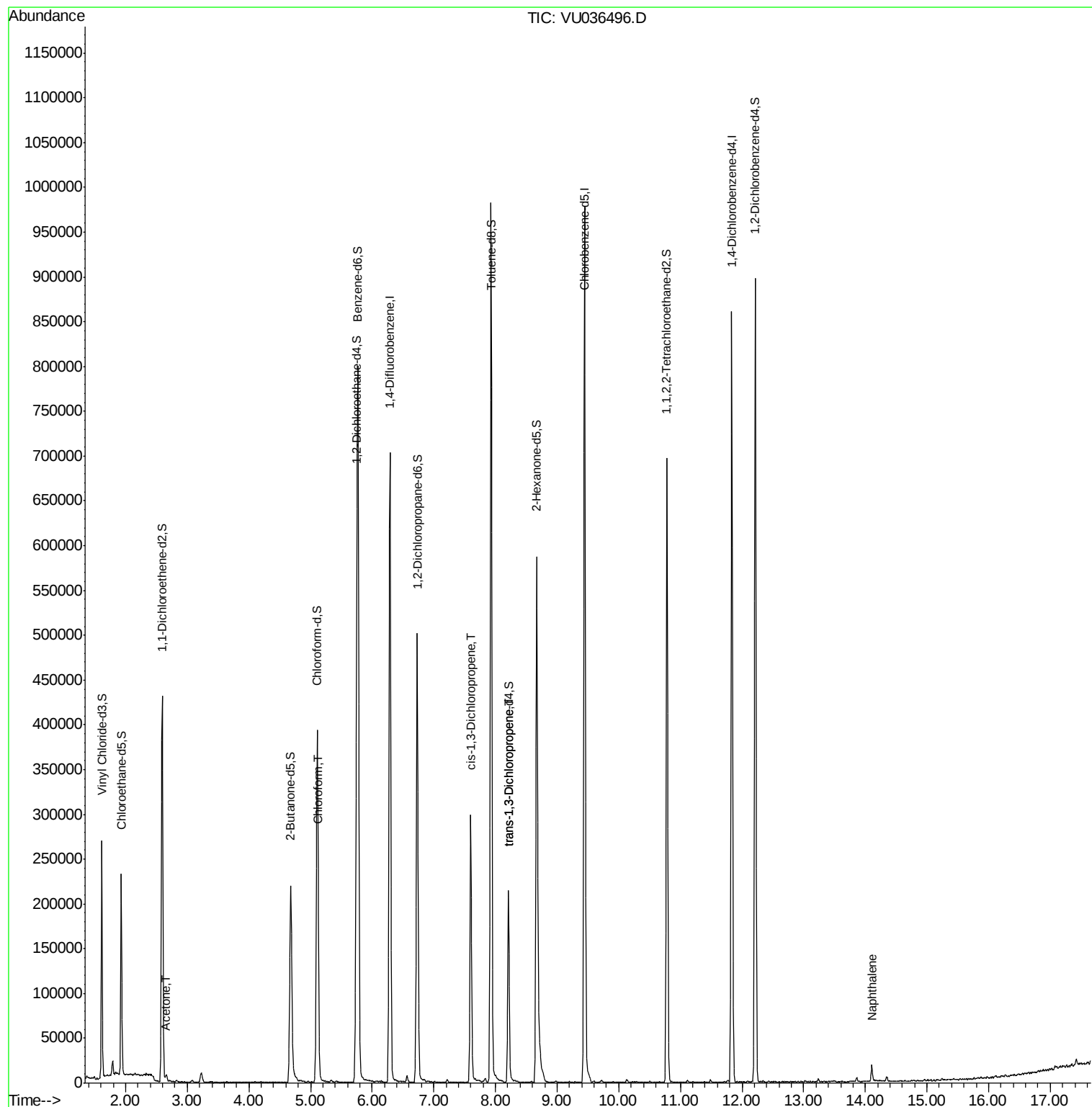
					Qvalue
13) Acetone	2.66	43	6786	1.976 ug/L	98
25) Chloroform	5.13	83	7340	0.988 ug/L	89
39) cis-1,3-Dichloropropene	7.60	75	8498	1.302 ug/L #	67
44) trans-1,3-Dichloropropene	8.21	75	6803	1.125 ug/L #	82
69) Naphthalene	14.10	128	13401	1.273 ug/L	98

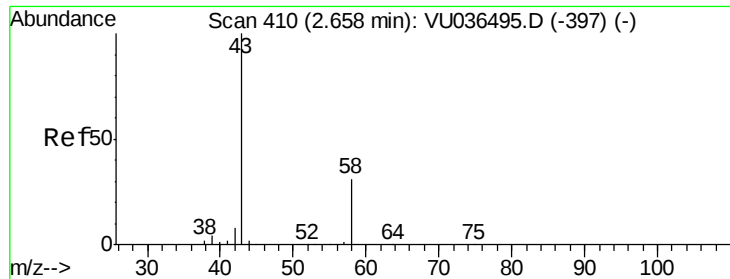
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
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Response via : Initial Calibration





#13

Acetone

Concen: 1.976 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036496.D

Acq: 16 Jan 2020 11:44

Instrument :

MSVOA_U

ClientSampleId :

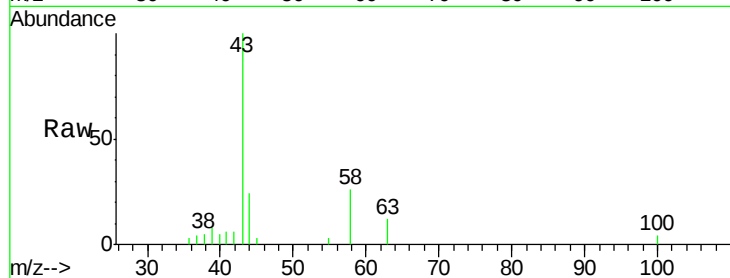
VBLK42

Tgt Ion: 43 Resp: 6786

Ion Ratio Lower Upper

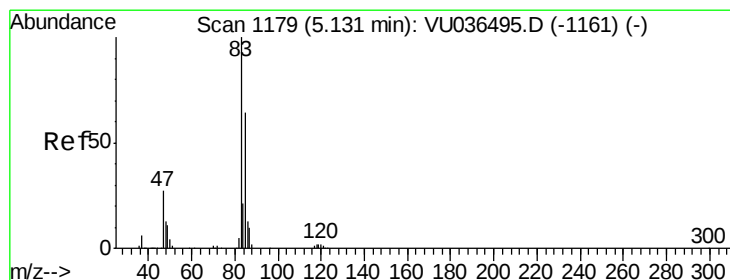
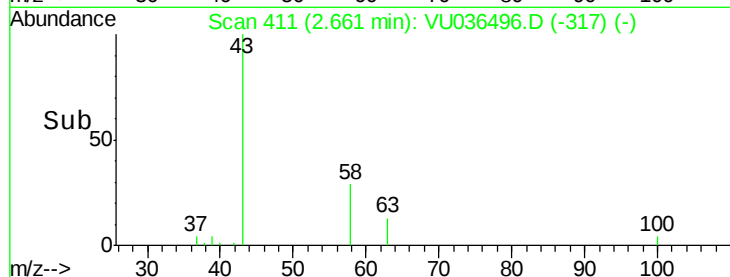
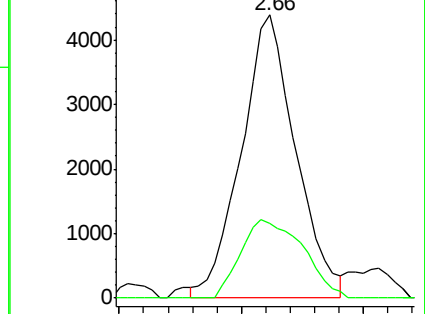
43 100

58 31.6 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU036495.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU036495.D (-397) (-)



#25

Chloroform

Concen: 0.988 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VU036496.D

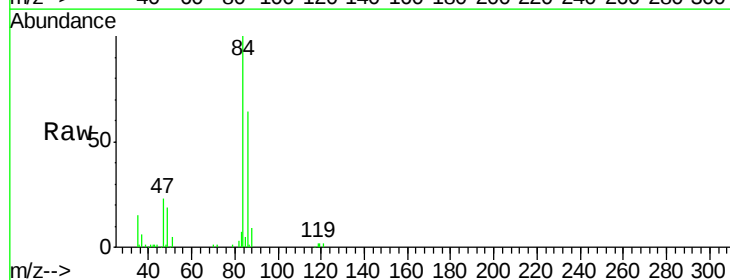
Acq: 16 Jan 2020 11:44

Tgt Ion: 83 Resp: 7340

Ion Ratio Lower Upper

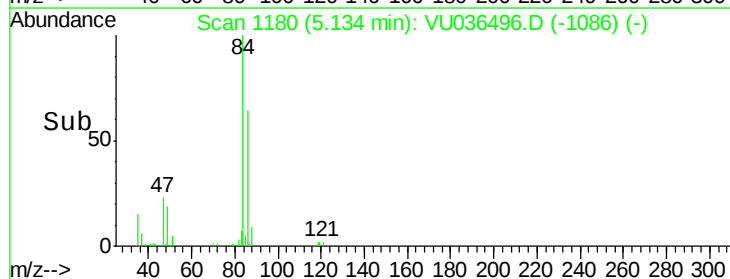
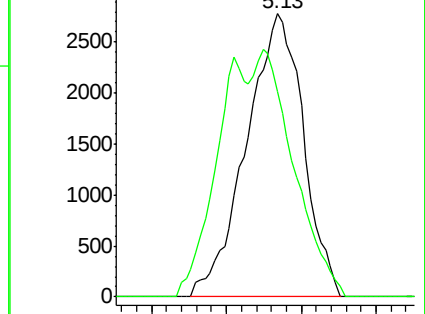
83 100

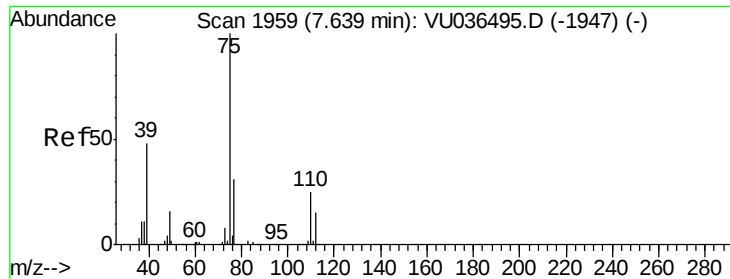
85 72.8 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VU036495.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU036495.D (-1161) (-)





#39

cis-1,3-Dichloropropene

Concen: 1.302 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036496.D

Acq: 16 Jan 2020 11:44

Instrument :

MSVOA_U

ClientSampleId :

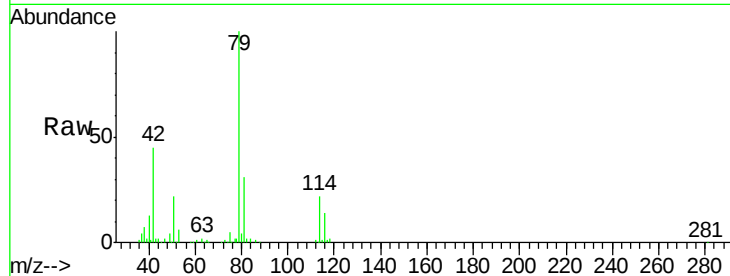
VBLK42

Tgt Ion: 75 Resp: 8498

Ion Ratio Lower Upper

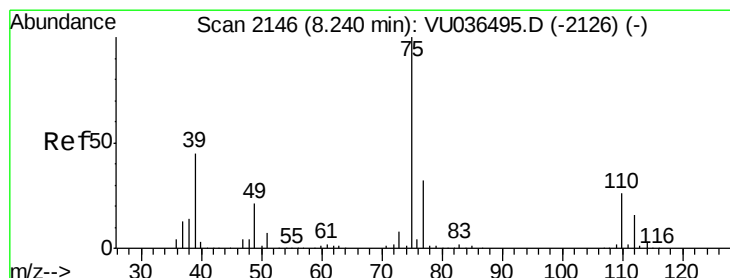
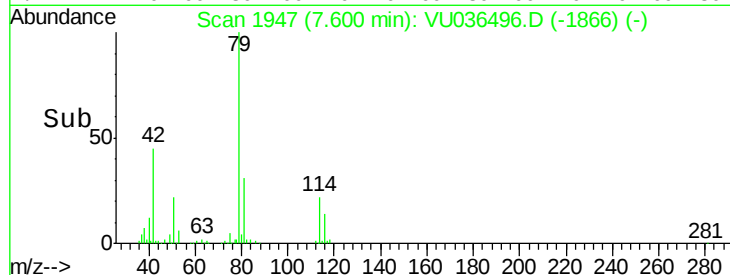
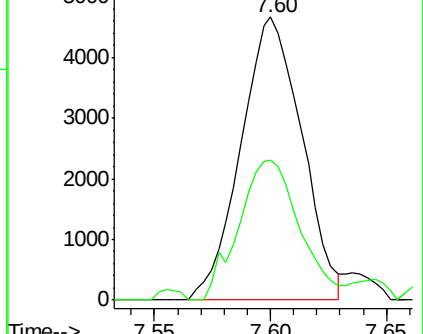
75 100

77 49.4 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 1.125 ug/L

RT: 8.21 min Scan# 2137

Delta R.T. -0.03 min

Lab File: VU036496.D

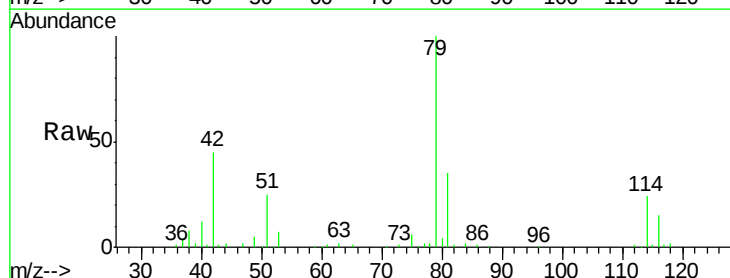
Acq: 16 Jan 2020 11:44

Tgt Ion: 75 Resp: 6803

Ion Ratio Lower Upper

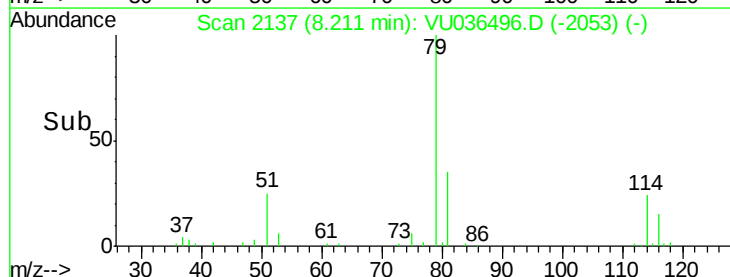
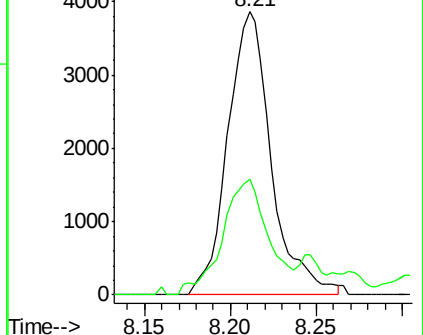
75 100

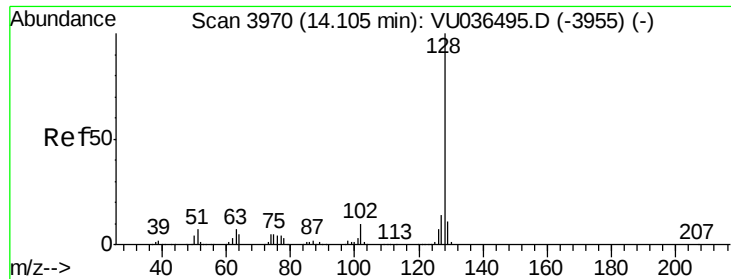
77 40.8 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 1.273 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VU036496.D

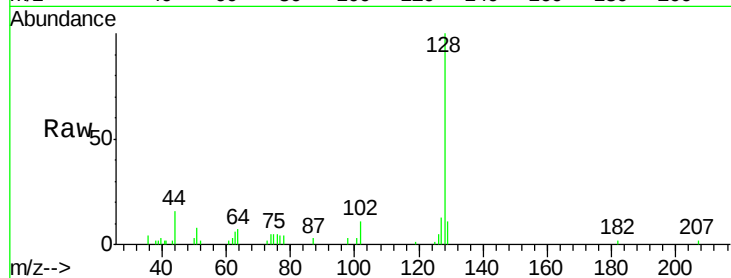
Acq: 16 Jan 2020 11:44

Instrument :

MSVOA_U

ClientSampleId :

VBLK42



Tgt Ion:128 Resp: 13401

Ion Ratio Lower Upper

128 100

127 12.2 10.0 15.0

129 11.6 8.6 12.8

