

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
 Data File : VW006313.D
 Acq On : 24 Oct 2018 12:34
 Operator : SY/AP
 Sample : J5635-06
 Misc : 5.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40E5

Quant Time: Oct 25 07:36:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 07:32:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	406428	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	385654	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	205439	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	79887	17.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.72%
7) Chloroethane-d5	2.89	69	79099	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.20%
10) 1,1-Dichloroethene-d2	4.01	63	128052	14.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.20%
20) 2-Butanone-d5	7.08	46	62294	41.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.00%
24) Chloroform-d	7.65	84	192617	21.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.52%
26) 1,2-Dichloroethane-d4	8.31	65	113733	23.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.40%
29) Benzene-d6	8.27	84	384518	21.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.84%
33) 1,2-Dichloropropane-d6	9.27	67	115059	21.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.08%
37) Toluene-d8	10.33	98	376556	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.04%
38) trans-1,3-Dichloropropene-	10.58	79	49112	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.48%
39) 2-Hexanone-d5	10.93	63	51236	40.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113027	22.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	165669	23.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.12%

Target Compounds

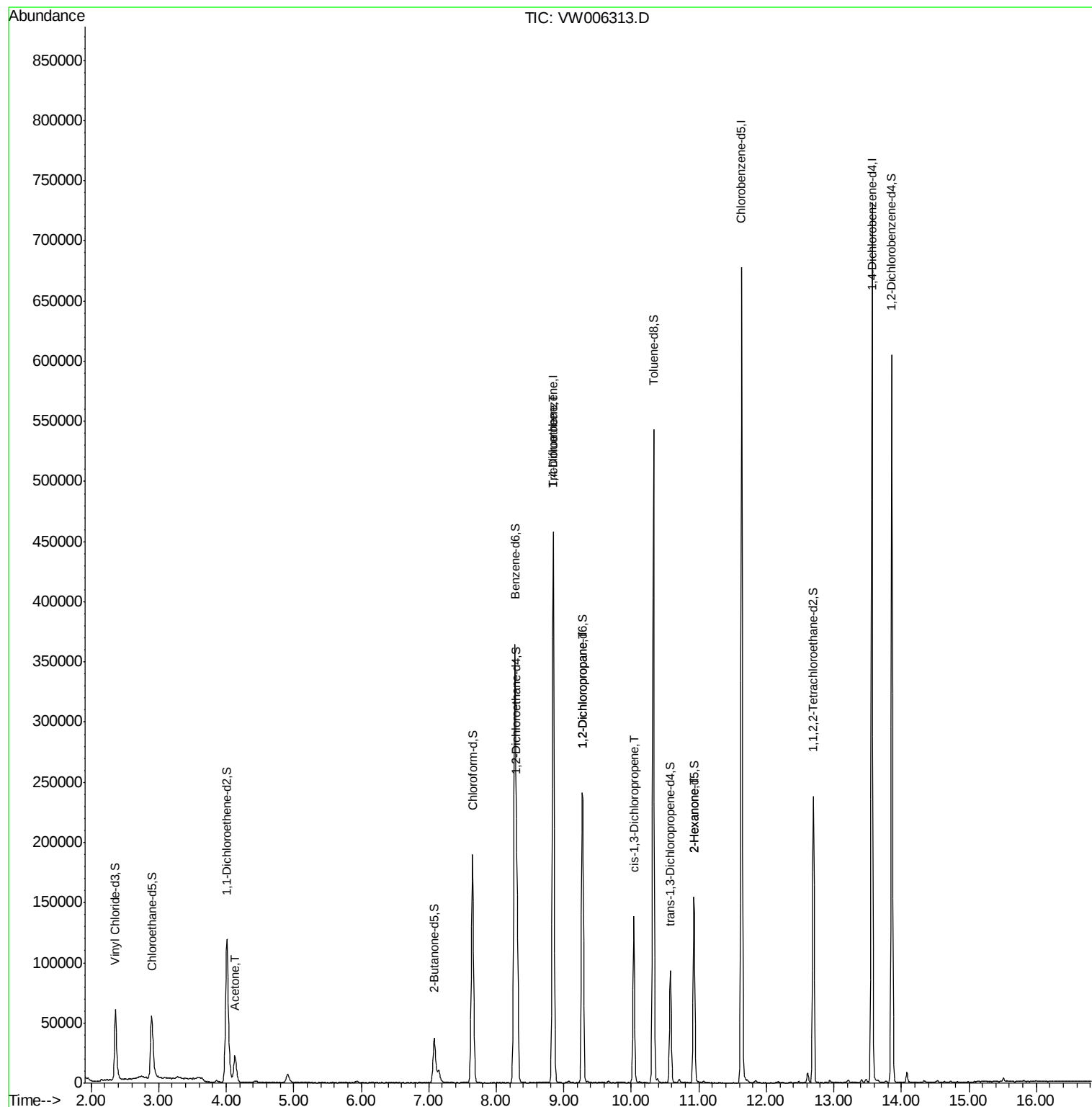
					Qvalue
13) Acetone	4.13	43	39396	25.667 ug/L	100
35) Trichloroethene	8.85	95	11845	2.126 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	13156	2.679 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3557	0.443 ug/L #	68
49) 2-Hexanone	10.93	43	6375	2.198 ug/L #	65

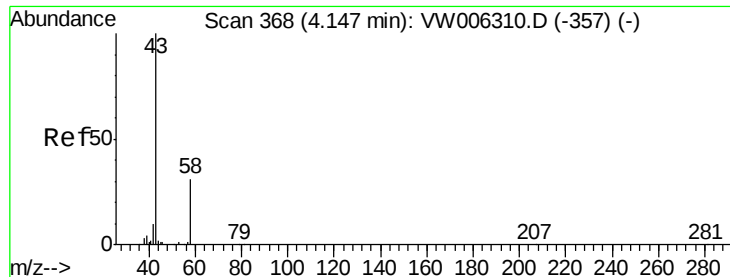
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 25 07:32:16 2018
Response via : Initial Calibration





#13

Acetone

Concen: 25.667 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006313.D

Acq: 24 Oct 2018 12:34

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MSVOA_W

ClientSampleId :

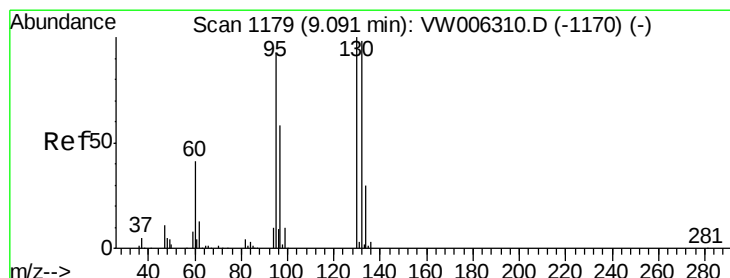
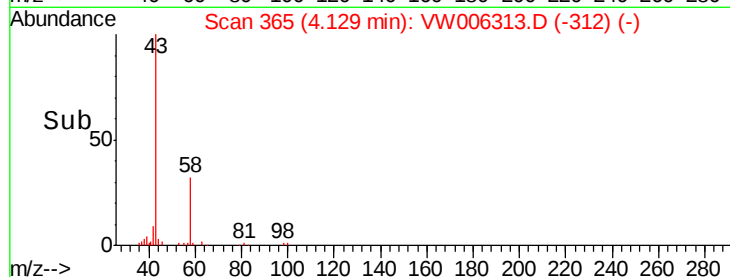
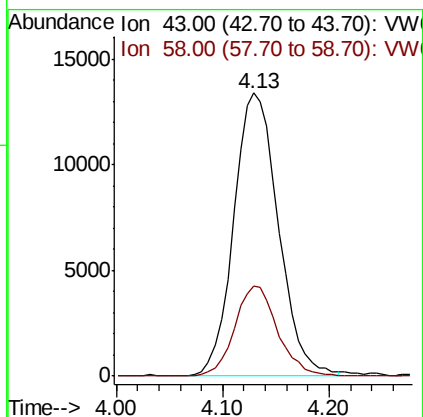
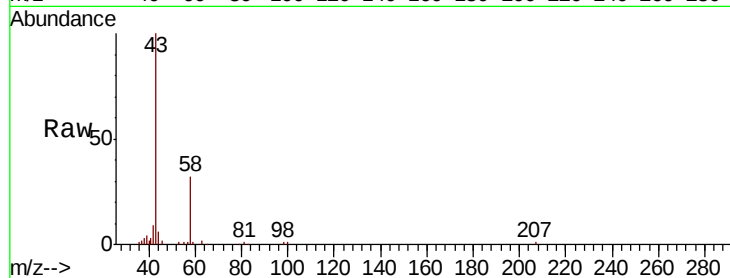
A40E5

Tgt Ion: 43 Resp: 39396

Ion Ratio Lower Upper

43 100

58 30.4 0.0 61.2



#35

Trichloroethene

Concen: 2.126 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Acq: 24 Oct 2018 12:34

Tgt Ion: 95 Resp: 11845

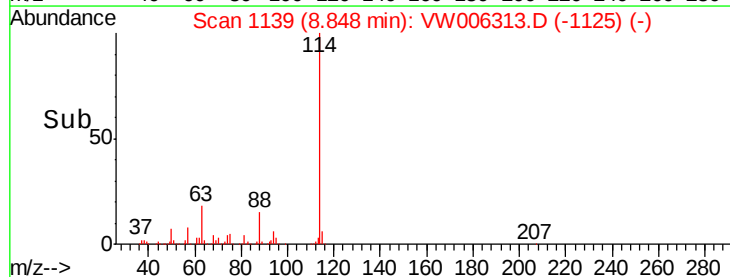
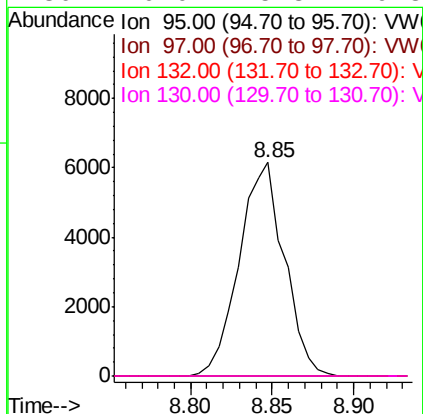
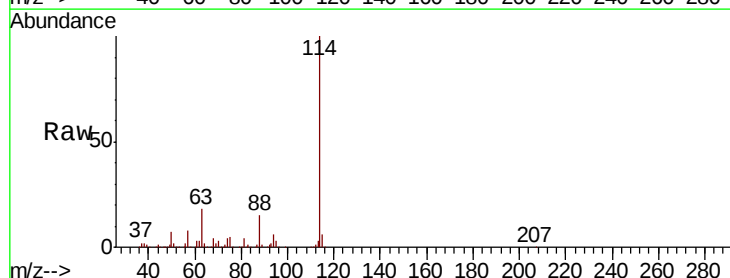
Ion Ratio Lower Upper

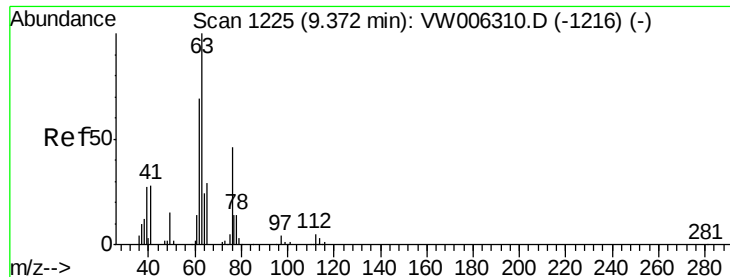
95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#





#40

1,2-Dichloropropane

Concen: 2.679 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

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ClientSampleId :

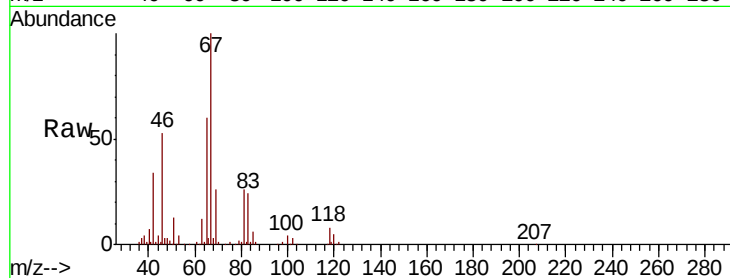
A40E5

Tgt Ion: 63 Resp: 13156

Ion Ratio Lower Upper

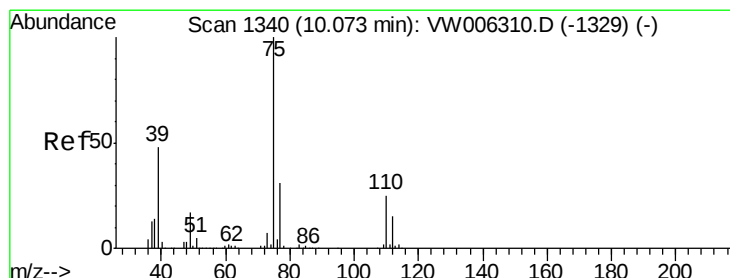
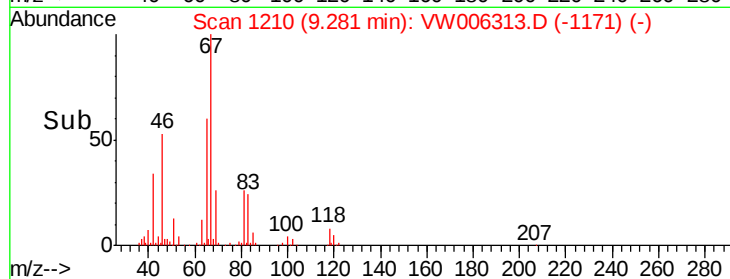
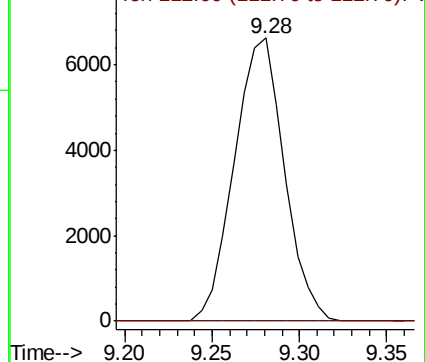
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.443 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006313.D

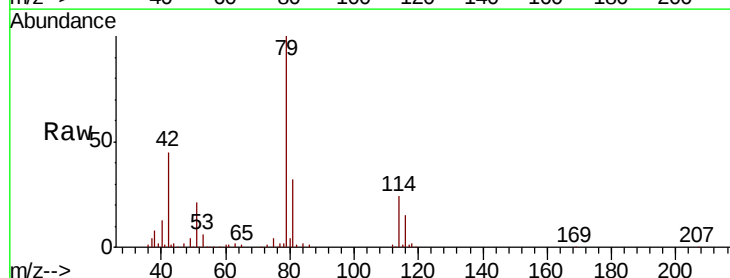
Acq: 24 Oct 2018 12:34

Tgt Ion: 75 Resp: 3557

Ion Ratio Lower Upper

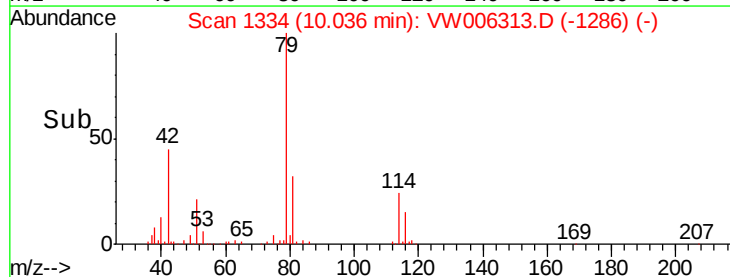
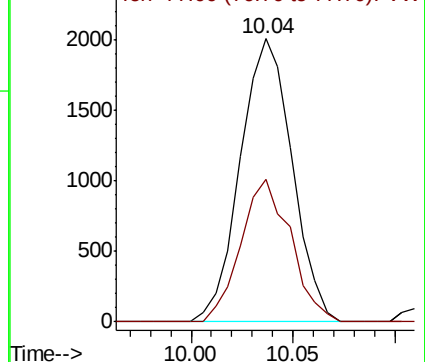
75 100

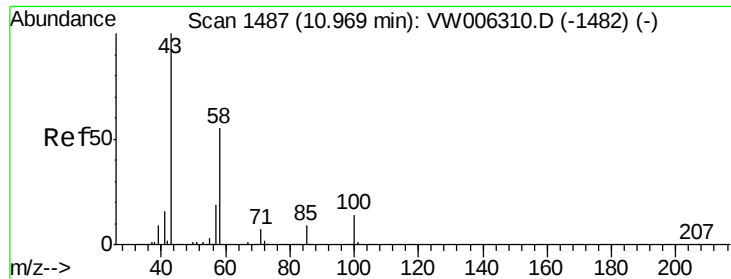
77 50.5 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.198 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW006313.D

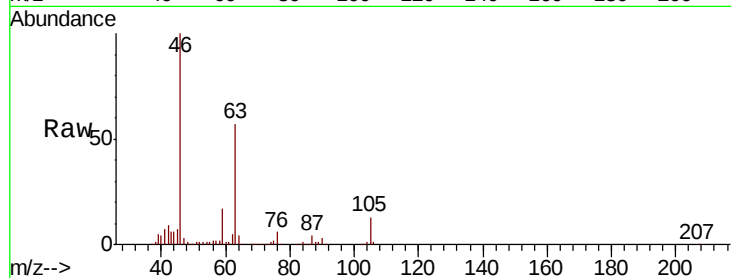
Acq: 24 Oct 2018 12:34

Instrument :

MSVOA_W

ClientSampleId :

A40E5



Tgt Ion:	43	Resp:	6375
Ion	Ratio	Lower	Upper
43	100		
58	23.5	42.1	63.1#
57	27.4	15.1	22.7#
100	0.0	9.9	14.9#

