

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
 Data File : VV009057.D
 Acq On : 19 Dec 2018 17:57
 Operator : SY/MD
 Sample : J6468-05
 Misc : 5.98G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JG3

Quant Time: Dec 20 03:41:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 20 01:58:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	116808	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	60944	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	9640	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37734	31.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.88%
7) Chloroethane-d5	1.58	69	38590	43.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	172.84%#
10) 1,1-Dichloroethene-d2	2.13	63	90647	29.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	119.96%#
20) 2-Butanone-d5	3.94	46	18768	42.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.30%
24) Chloroform-d	4.40	84	87198	31.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	124.20%
26) 1,2-Dichloroethane-d4	5.08	65	47104	30.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.96%
29) Benzene-d6	5.10	84	155408	45.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	182.64%#
33) 1,2-Dichloropropane-d6	6.12	67	53149	55.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	223.12%#
37) Toluene-d8	7.36	98	103729	32.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	131.72%#
38) trans-1,3-Dichloropropene-	7.67	79	9414	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.96%
39) 2-Hexanone-d5	8.14	63	10856	62.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.38%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	35604	44.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	178.16%#
61) 1,2-Dichlorobenzene-d4	11.68	152	13964	38.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	154.40%#

Target Compounds

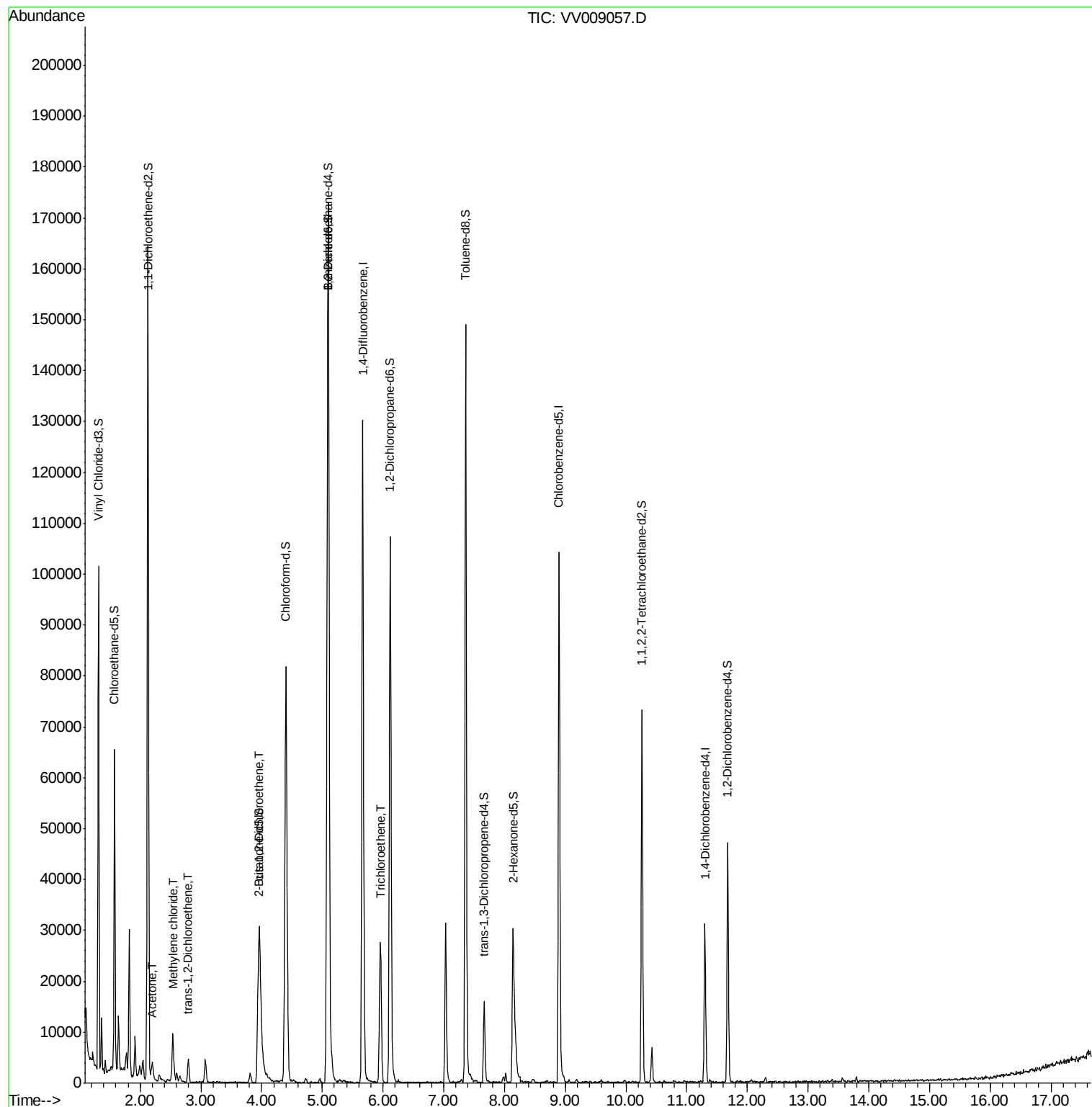
					Qvalue
13) Acetone	2.20	43	4369	6.738 ug/L	48
16) Methylene chloride	2.54	84	3941	2.004 ug/L	86
18) trans-1,2-Dichloroethene	2.79	96	1187	0.730 ug/L	79
22) cis-1,2-Dichloroethene	3.96	96	7318	4.314 ug/L	89
35) Trichloroethene	5.96	95	6950	6.314 ug/L	98

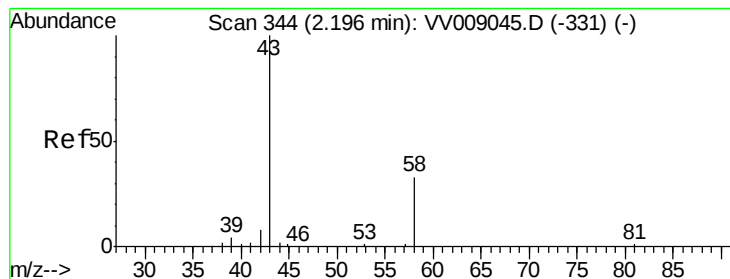
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.738 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

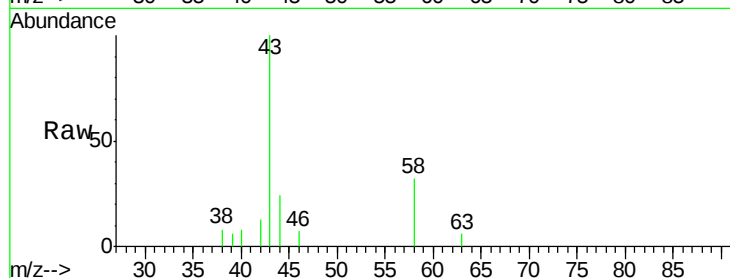
C0JG3

Tgt Ion: 43 Resp: 4369

Ion Ratio Lower Upper

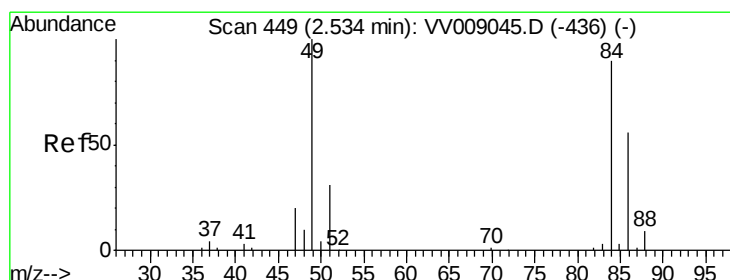
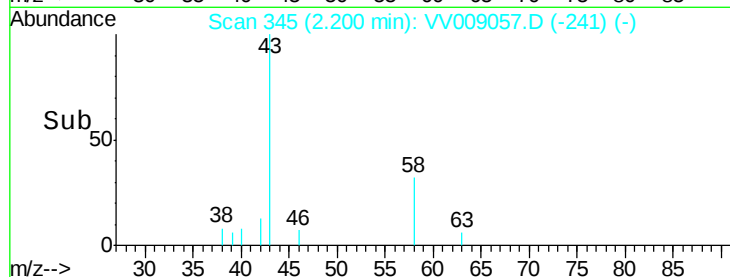
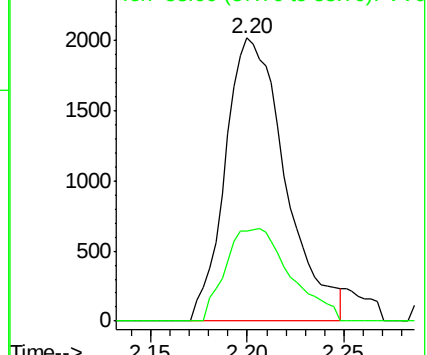
43 100

58 3.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009045.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009045.D (-331) (-)



#16

Methylene chloride

Concen: 2.004 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009057.D

Acq: 19 Dec 2018 17:57

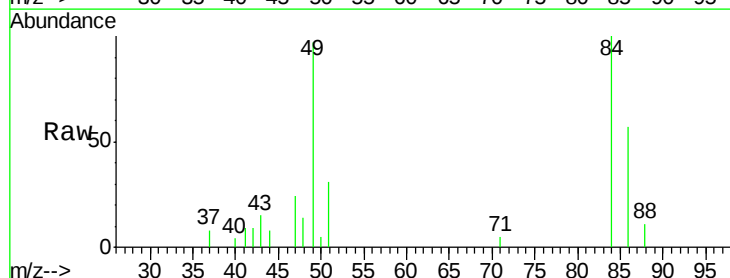
Tgt Ion: 84 Resp: 3941

Ion Ratio Lower Upper

84 100

49 97.3 80.5 149.5

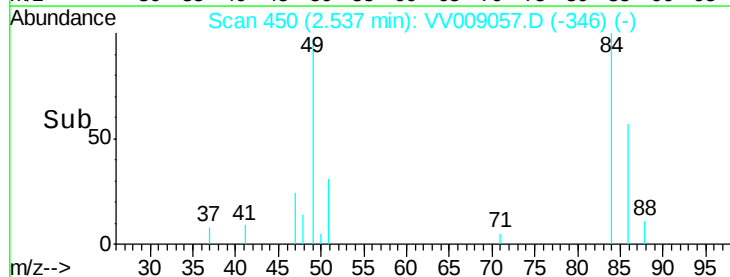
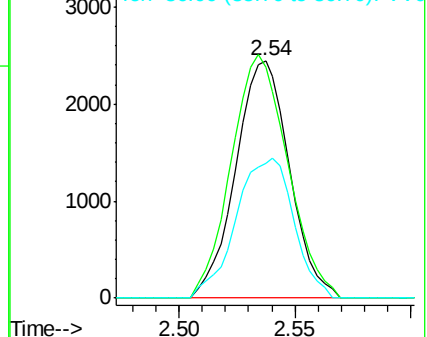
86 56.9 45.5 84.5

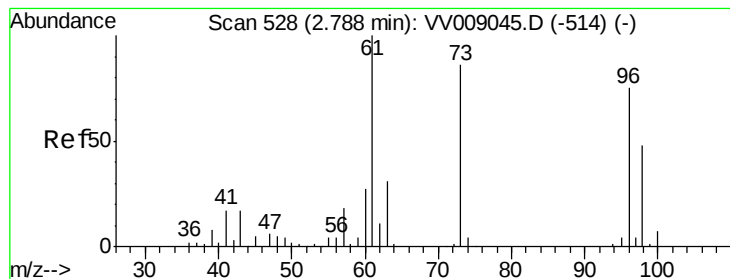


Abundance Ion 84.00 (83.70 to 84.70): VV009045.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009045.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009045.D (-436) (-)





#18

trans-1,2-Dichloroethene

Concen: 0.730 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV009057.D

Acq: 19 Dec 2018 17:57

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ClientSampleId :

C0JG3

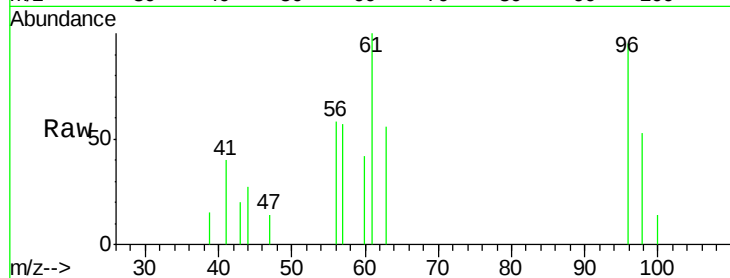
Tgt Ion: 96 Resp: 1187

Ion Ratio Lower Upper

96 100

61 105.2 94.6 175.8

98 55.4 45.3 84.1

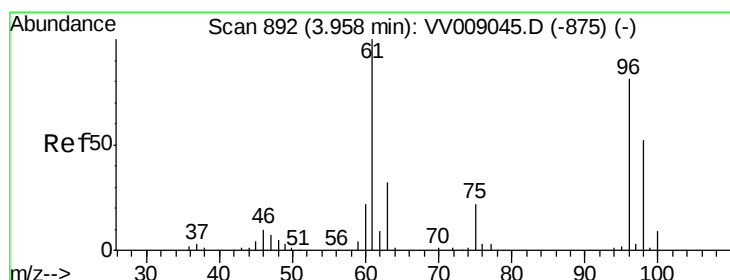
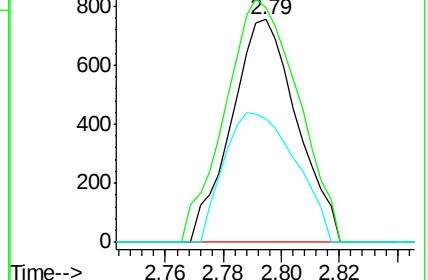
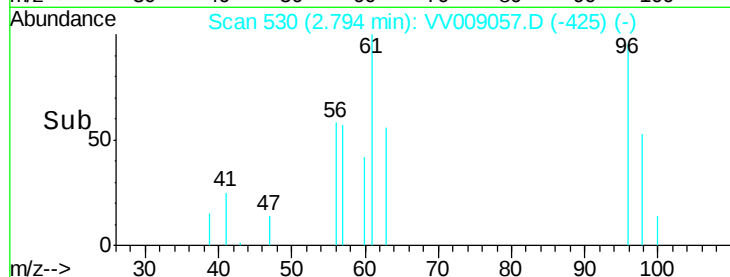


Abundance Ion 96.00 (95.70 to 96.70): VV009045.D (-514) (-)

Ion 61.00 (60.70 to 61.70): VV009045.D (-514) (-)

Ion 98.00 (97.70 to 98.70): VV009045.D (-514) (-)

Time-->



#22

cis-1,2-Dichloroethene

Concen: 4.314 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV009057.D

Acq: 19 Dec 2018 17:57

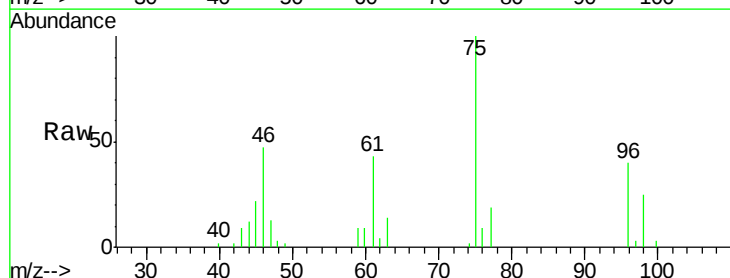
Tgt Ion: 96 Resp: 7318

Ion Ratio Lower Upper

96 100

61 106.4 86.2 160.0

98 61.3 45.6 84.6

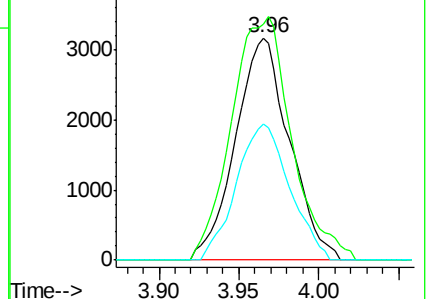
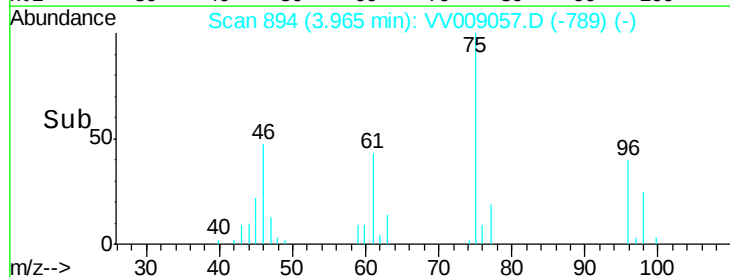


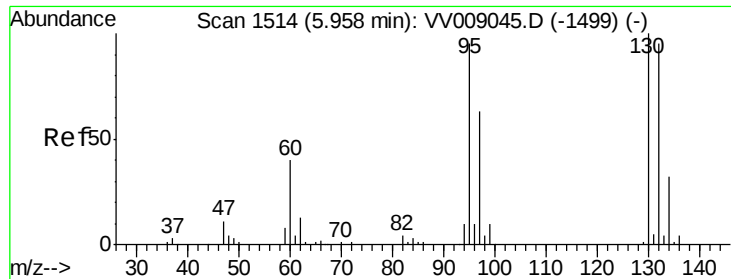
Abundance Ion 96.00 (95.70 to 96.70): VV009045.D (-875) (-)

Ion 61.00 (60.70 to 61.70): VV009045.D (-875) (-)

Ion 98.00 (97.70 to 98.70): VV009045.D (-875) (-)

Time-->





#35

Trichloroethene

Concen: 6.314 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009057.D

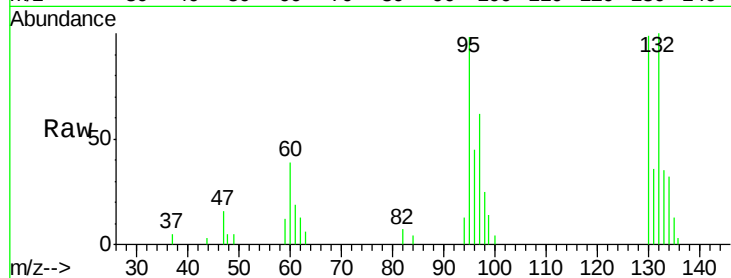
Acq: 19 Dec 2018 17:57

Instrument :

MSVOA_V

ClientSampleId :

C0JG3



Tgt Ion: 95 Resp: 6950

Ion Ratio Lower Upper

95 100

97 65.4 45.3 84.1

132 104.5 70.0 130.0

130 104.6 73.4 136.4

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

