

Data File : VW009280.D
Acq On : 20 Mar 2019 12:00
Operator : SY/VA
Sample : K1986-02
Misc : 6.17G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0A9

Quant Time: Mar 21 10:32:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 10:17:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	451651	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	407447	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175555	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	137152	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.64%
7) Chloroethane-d5	2.89	69	124848	19.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.08%
10) 1,1-Dichloroethene-d2	4.01	63	210974	18.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.36%
20) 2-Butanone-d5	7.08	46	80191	35.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.86%
24) Chloroform-d	7.65	84	272334	22.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	8.38	65	165	0.02	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	527991	23.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.00%
33) 1,2-Dichloropropane-d6	9.27	67	155014	22.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.88%
37) Toluene-d8	10.32	98	476233	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.68%
38) trans-1,3-Dichloropropene-	10.57	79	67798	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.00%
39) 2-Hexanone-d5	10.93	63	60504	37.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122544	18.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	151469	22.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.00%

Target Compounds

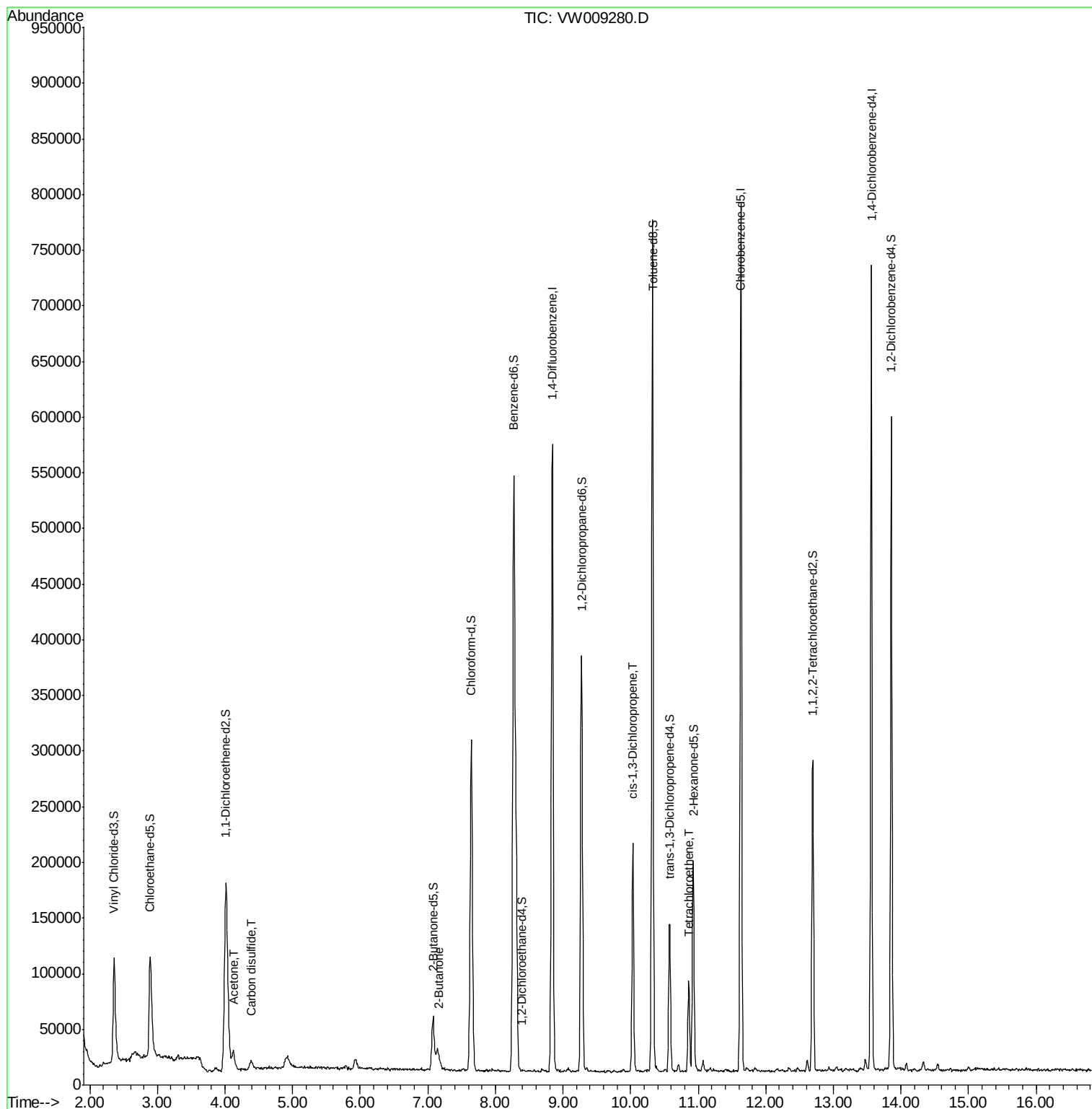
					Qvalue
13) Acetone	4.12	43	26231	14.331 ug/L	98
14) Carbon disulfide	4.38	76	10878	0.727 ug/L #	91
21) 2-Butanone	7.17	43	5099	2.018 ug/L	84
42) cis-1,3-Dichloropropene	10.04	75	5800	0.622 ug/L #	70
47) Tetrachloroethene	10.86	164	17017	3.389 ug/L	95

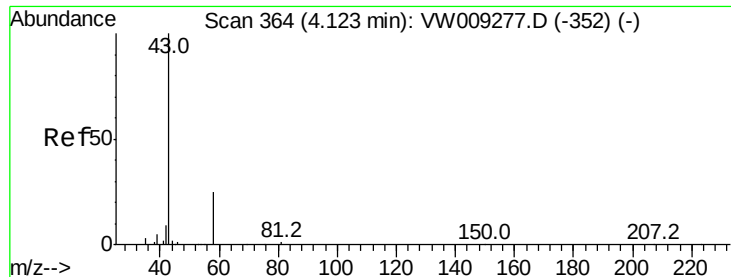
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.331 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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Acq: 20 Mar 2019 12:00

Instrument :

MSVOA_W

ClientSampled :

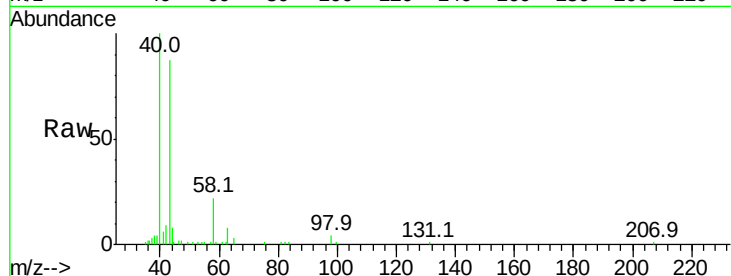
BF0A9

Tgt Ion: 43 Resp: 26231

Ion Ratio Lower Upper

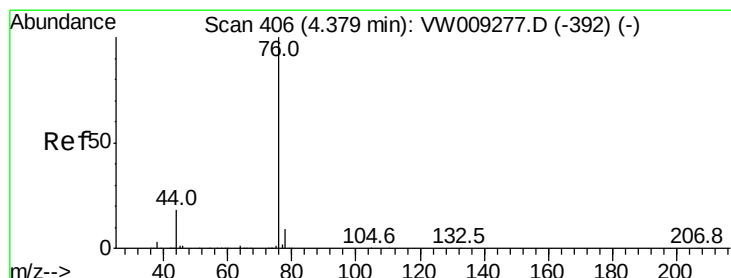
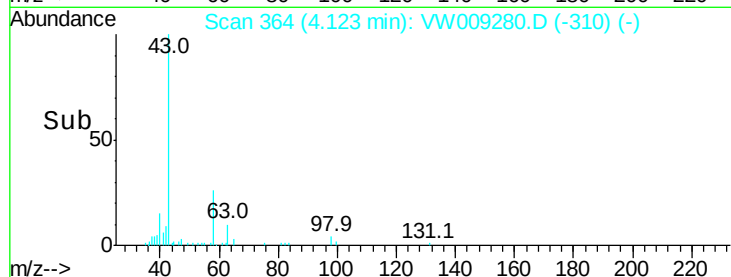
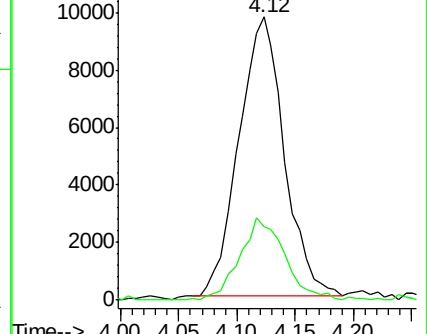
43 100

58 29.0 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.727 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

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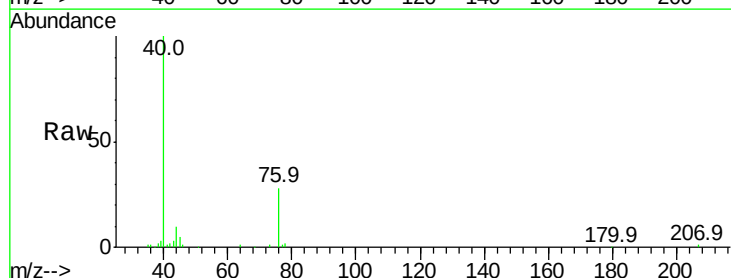
Acq: 20 Mar 2019 12:00

Tgt Ion: 76 Resp: 10878

Ion Ratio Lower Upper

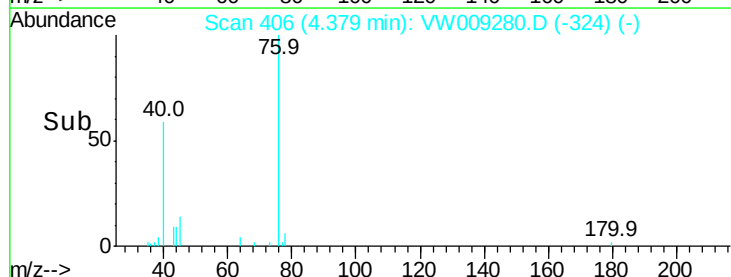
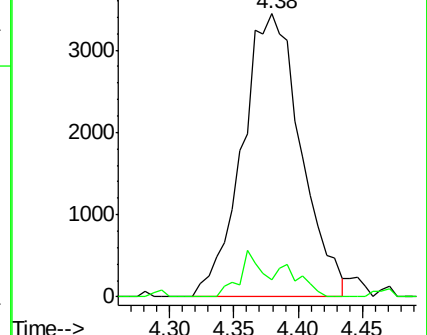
76 100

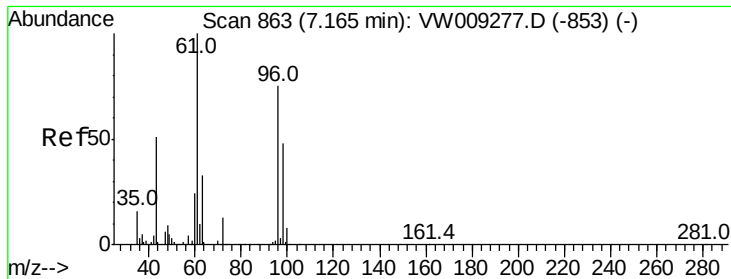
78 5.9 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#21

2-Butanone

Concen: 2.018 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

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Acq: 20 Mar 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

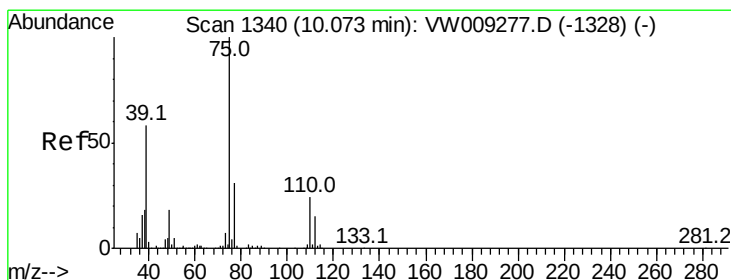
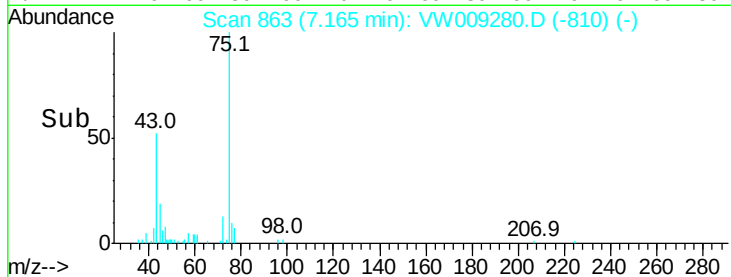
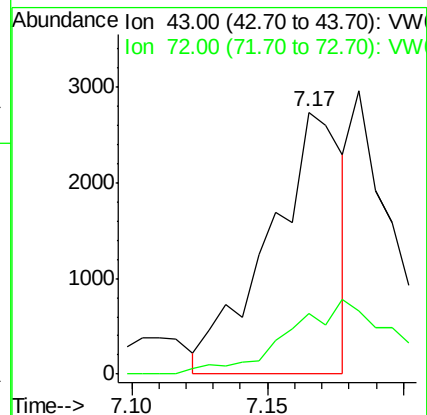
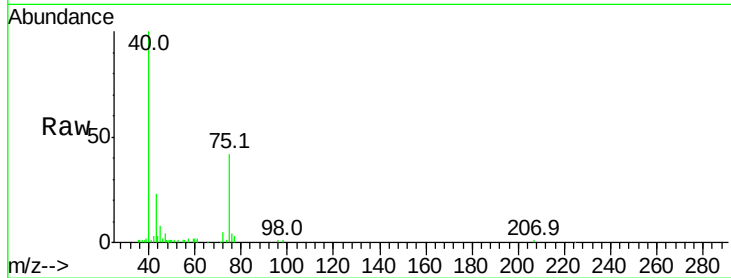
BF0A9

Tgt Ion: 43 Resp: 5099

Ion Ratio Lower Upper

43 100

72 17.7 13.1 39.1



#42

cis-1,3-Dichloropropene

Concen: 0.622 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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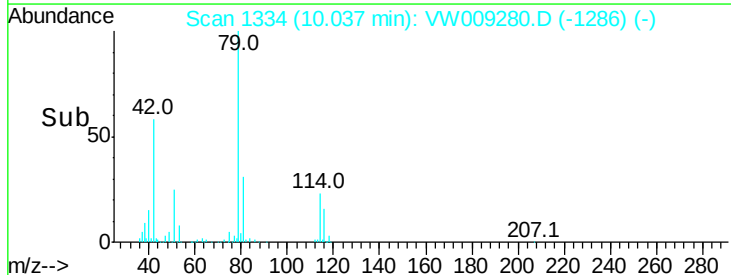
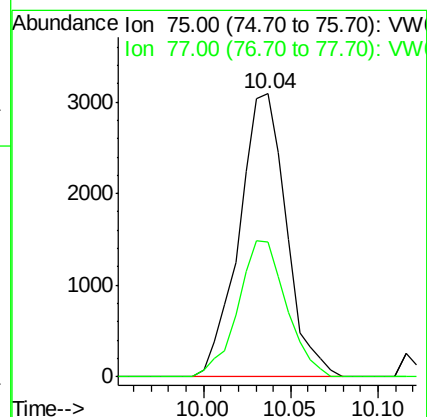
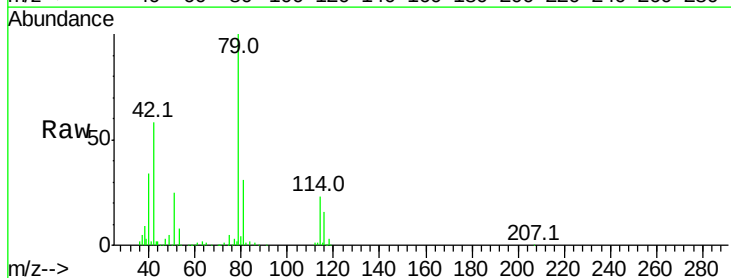
Acq: 20 Mar 2019 12:00

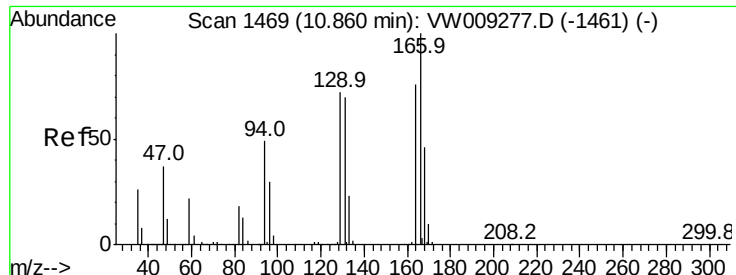
Tgt Ion: 75 Resp: 5800

Ion Ratio Lower Upper

75 100

77 47.6 21.6 40.2#





#47

Tetrachloroethene

Concen: 3.389 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009280.D

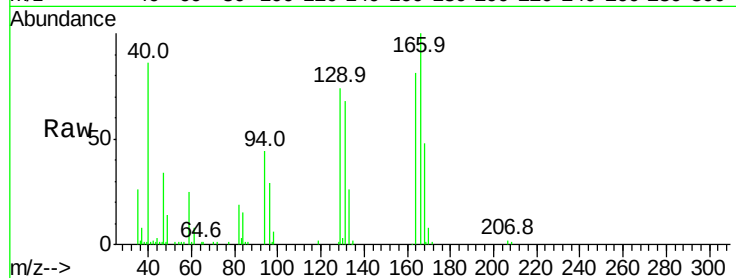
Acq: 20 Mar 2019 12:00

Instrument :

MSVOA_W

ClientSampleId :

BF0A9



Tgt Ion:164 Resp: 17017

Ion Ratio Lower Upper

164 100

129 91.2 66.5 123.5

131 84.1 62.6 116.3

166 124.0 91.6 170.0

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

