

Data File : VW009399.D
Acq On : 23 Mar 2019 19:49
Operator : SY/VA
Sample : K2062-15
Misc : 4.60G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0G5

Quant Time: Mar 23 23:56:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 23:52:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	430060	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	420706	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188812	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	92101	17.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.68%
7) Chloroethane-d5	2.89	69	100073	16.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.56%
10) 1,1-Dichloroethene-d2	4.01	63	151196	13.61	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.44%
20) 2-Butanone-d5	7.08	46	101834	47.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.82%
24) Chloroform-d	7.64	84	240325	20.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.92%
26) 1,2-Dichloroethane-d4	8.30	65	151808	21.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.88%
29) Benzene-d6	8.27	84	425647	18.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.40%
33) 1,2-Dichloropropane-d6	9.27	67	136664	19.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.44%
37) Toluene-d8	10.32	98	372992	17.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.56%
38) trans-1,3-Dichloropropene-	10.58	79	60131	17.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.72%
39) 2-Hexanone-d5	10.93	63	77174	45.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151591	22.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	151995	20.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.96%

Target Compounds

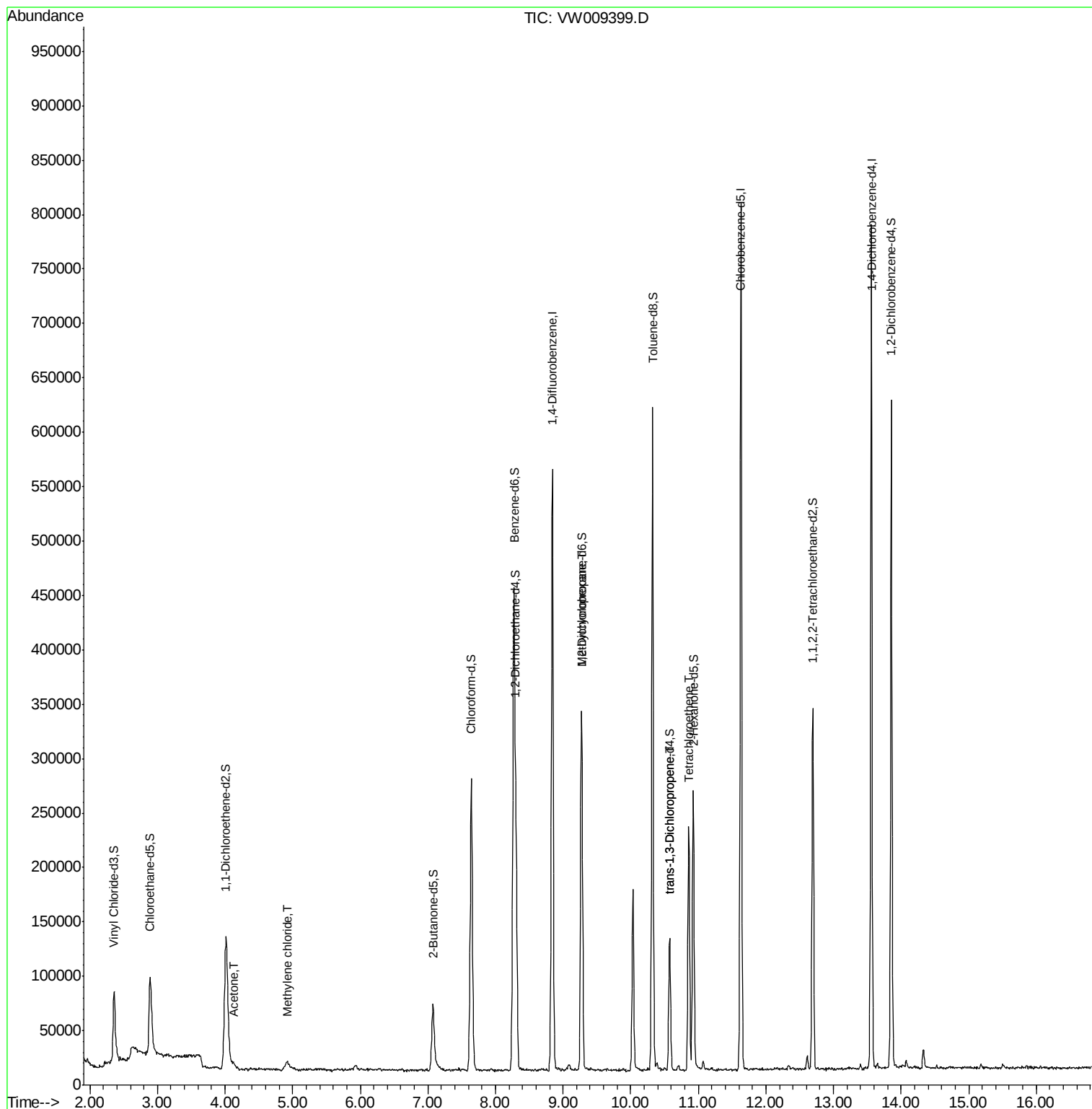
					Qvalue
13) Acetone	4.12	43	7377	4.233 ug/L	83
16) Methylene chloride	4.92	84	6120	0.976 ug/L	82
36) Methylcyclohexane	9.27	83	34774	3.276 ug/L #	18
45) trans-1,3-Dichloropropene	10.58	75	3523	0.421 ug/L #	83
47) Tetrachloroethene	10.86	164	45075	8.694 ug/L	97

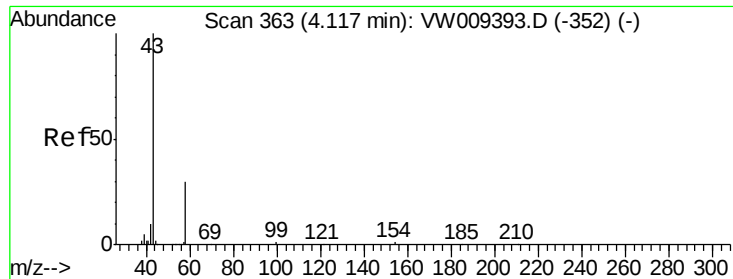
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.233 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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ClientSampleId :

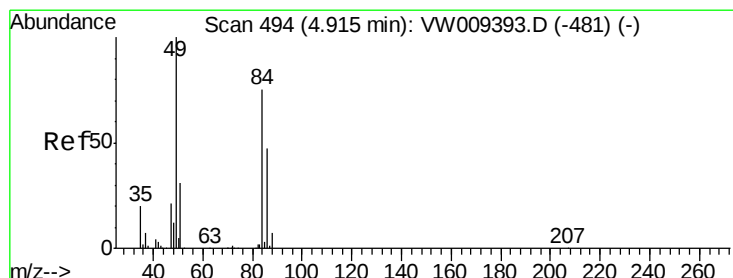
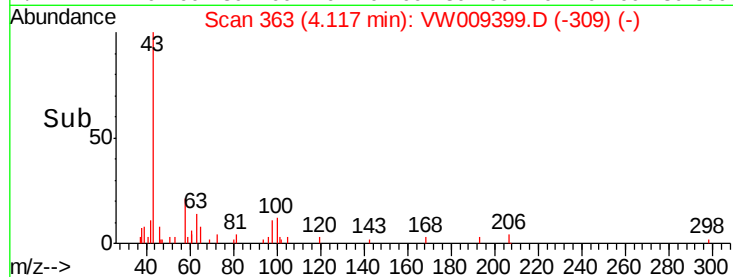
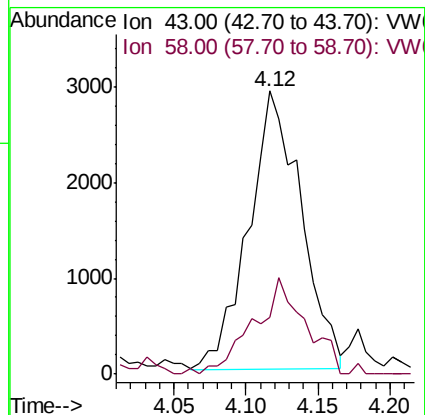
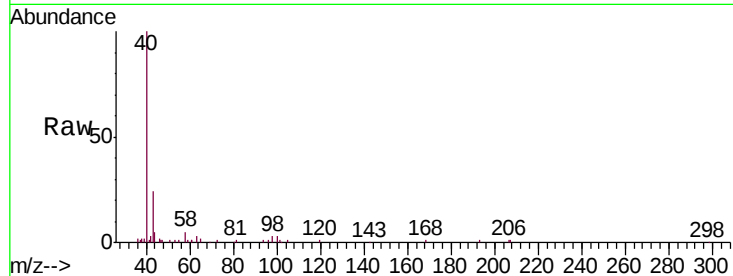
BF0G5

Tgt Ion: 43 Resp: 7377

Ion Ratio Lower Upper

43 100

58 19.3 0.0 56.2



#16

Methylene chloride

Concen: 0.976 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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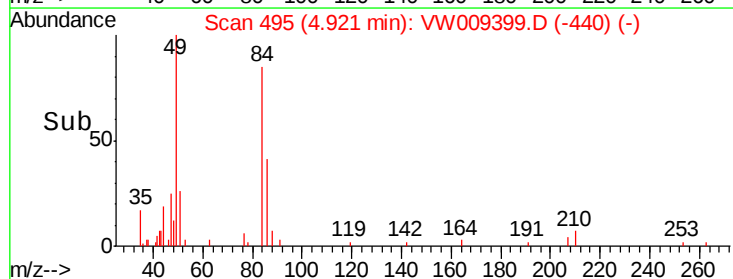
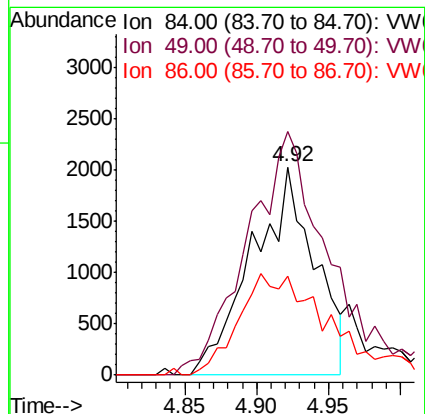
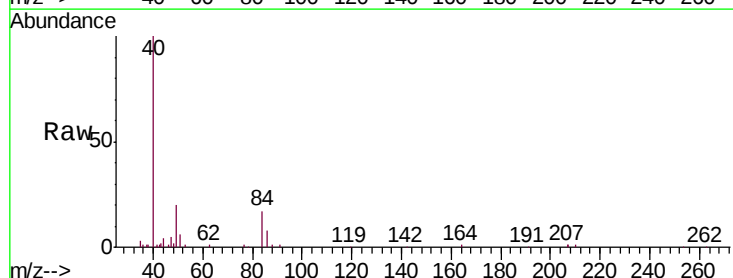
Tgt Ion: 84 Resp: 6120

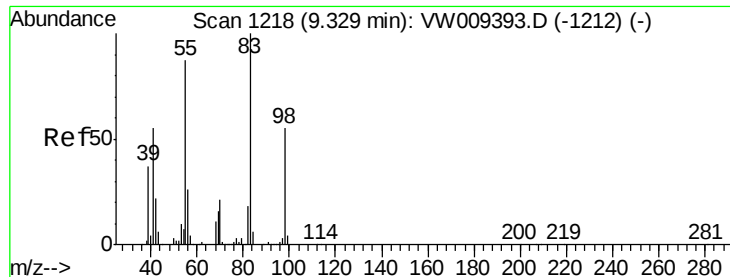
Ion Ratio Lower Upper

84 100

49 117.1 96.0 178.2

86 47.8 44.4 82.5





#36

Methylcyclohexane

Concen: 3.276 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.05 min

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BF0G5

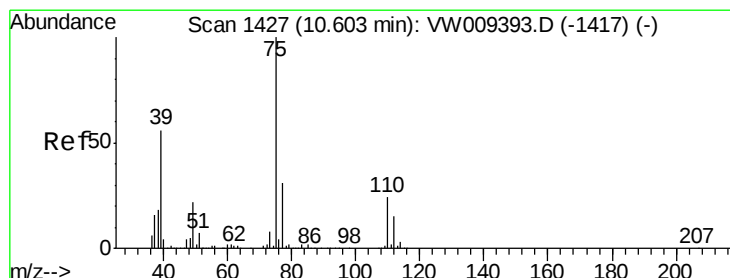
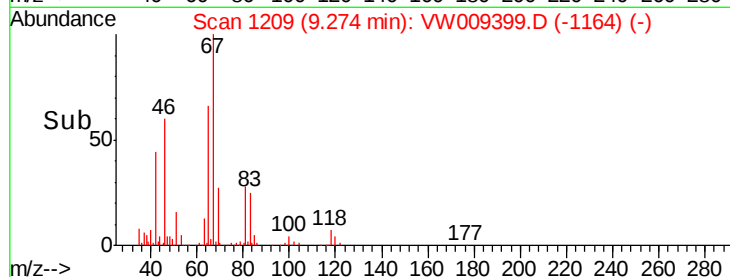
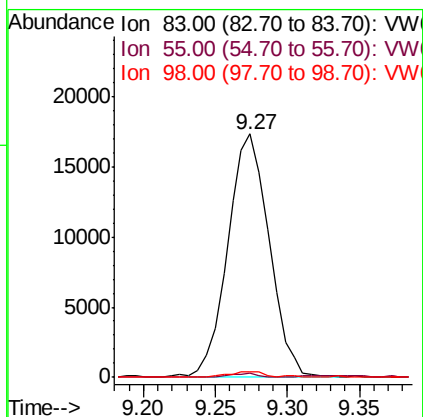
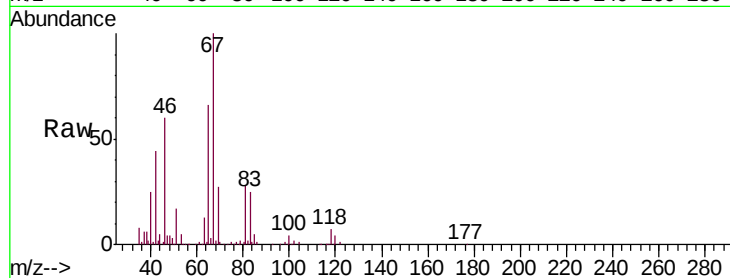
Tgt Ion: 83 Resp: 34774

Ion Ratio Lower Upper

83 100

55 1.0 63.5 95.3#

98 2.0 39.8 59.8#



#45

trans-1,3-Dichloropropene

Concen: 0.421 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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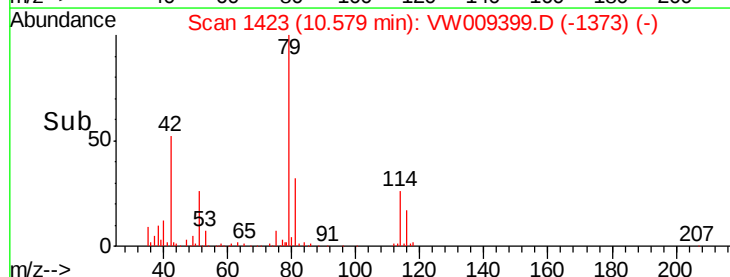
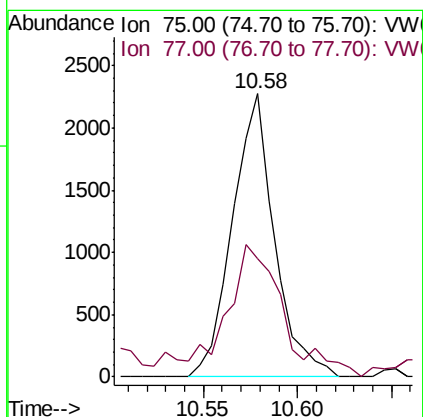
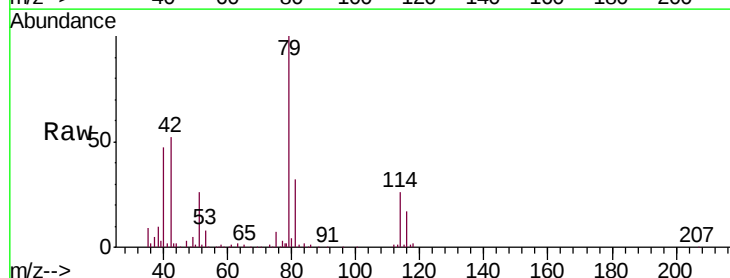
Acq: 23 Mar 2019 19:49

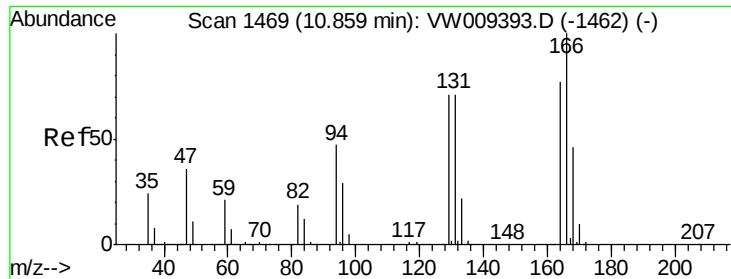
Tgt Ion: 75 Resp: 3523

Ion Ratio Lower Upper

75 100

77 41.8 22.5 41.7#





#47

Tetrachloroethene

Concen: 8.694 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009399.D

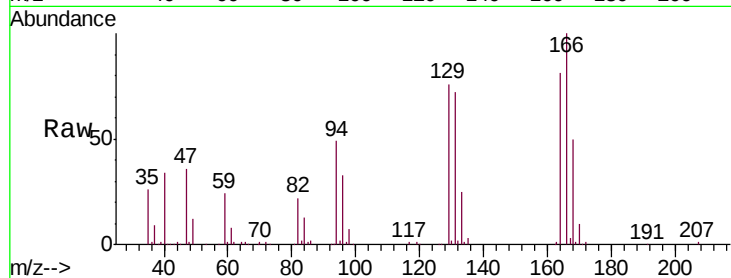
Acq: 23 Mar 2019 19:49

Instrument :

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ClientSampleId :

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Tgt Ion:164 Resp: 45075

Ion Ratio Lower Upper

164 100

129 94.5 66.5 123.5

131 88.9 62.6 116.3

166 124.2 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

