

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
 Data File : VW009710.D
 Acq On : 05 Apr 2019 04:20
 Operator : SY/VA
 Sample : K2276-08
 Misc : 5.29G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF135

Quant Time: Apr 05 05:43:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 05:32:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	374231	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	363737	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155751	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128610	26.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.04%
7) Chloroethane-d5	2.89	69	122110	27.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.88%
10) 1,1-Dichloroethene-d2	4.01	63	219277	20.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.28%
20) 2-Butanone-d5	7.07	46	100014	62.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.80%
24) Chloroform-d	7.64	84	274034	26.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.36%
26) 1,2-Dichloroethane-d4	8.31	65	176745	28.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.76%
29) Benzene-d6	8.27	84	519601	27.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.84%
33) 1,2-Dichloropropane-d6	9.27	67	158802	26.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.72%
37) Toluene-d8	10.32	98	465419	26.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.44%
38) trans-1,3-Dichloropropene-	10.58	79	69000	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.12%
39) 2-Hexanone-d5	10.93	63	64701	58.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153853	28.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	164393	30.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.32%#

Target Compounds

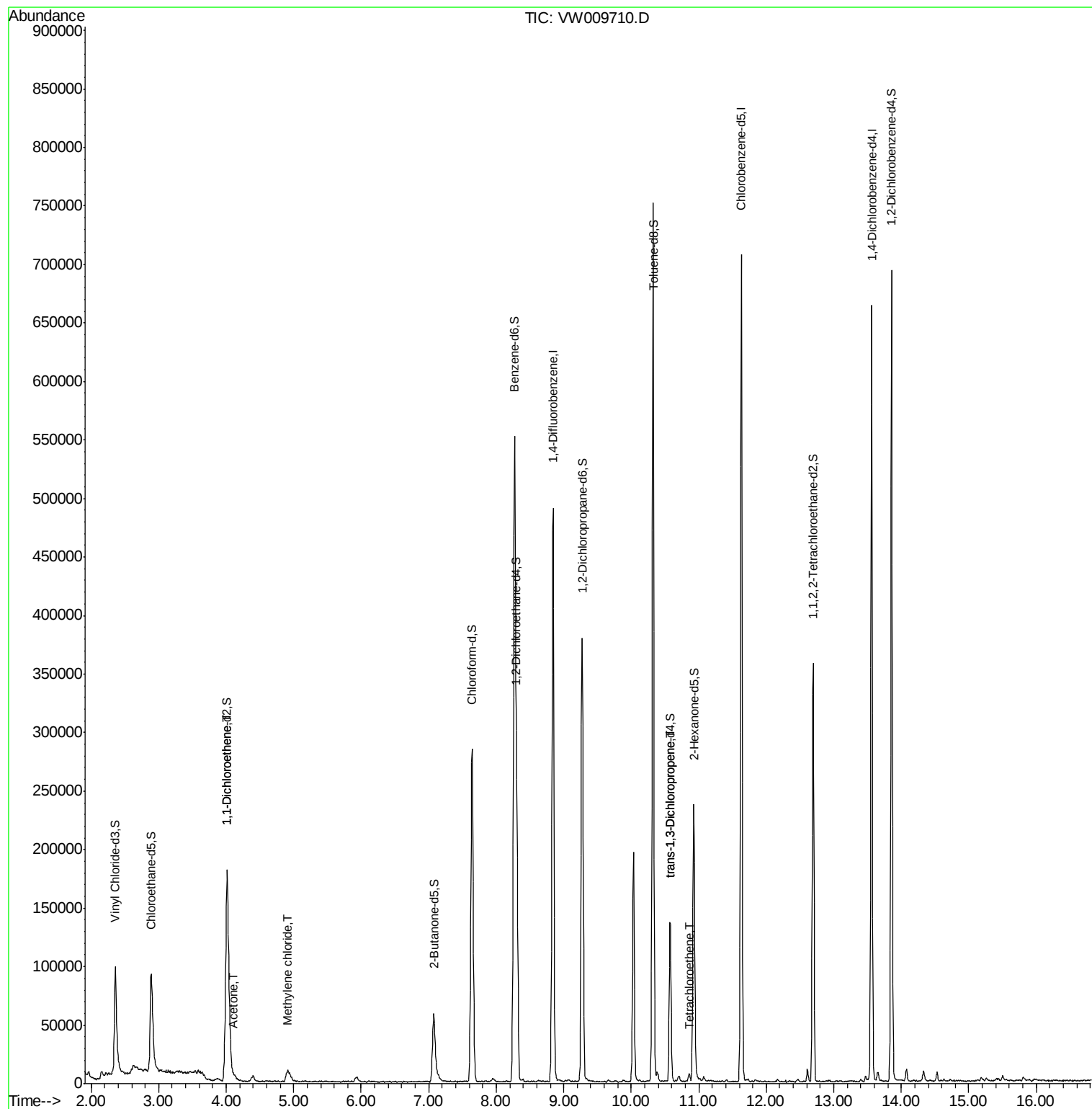
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.02	96	1775	0.357	ug/L #	1
13) Acetone	4.11	43	1502	0.882	ug/L	90
16) Methylene chloride	4.92	84	6976	1.057	ug/L	92
45) trans-1,3-Dichloropropene	10.58	75	3898	0.521	ug/L #	52
47) Tetrachloroethene	10.87	164	1205	0.267	ug/L	89

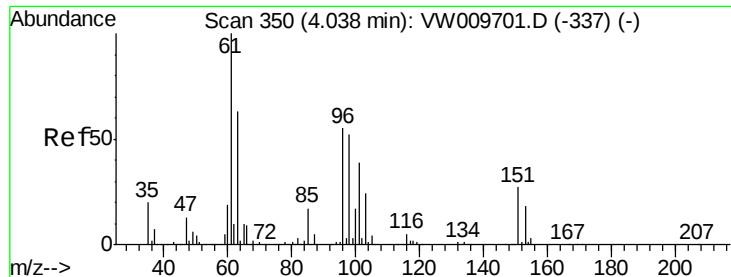
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.357 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

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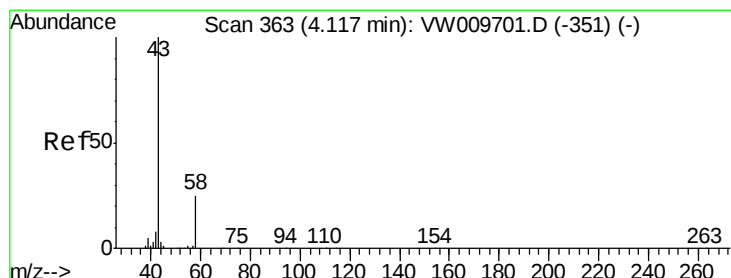
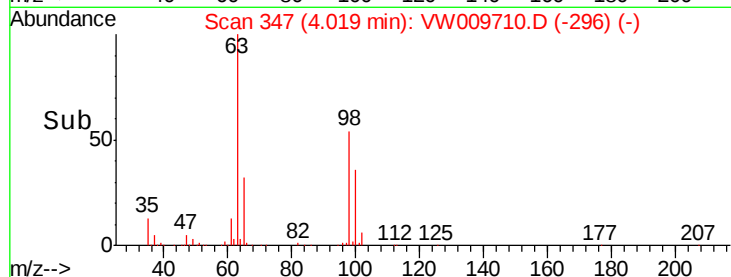
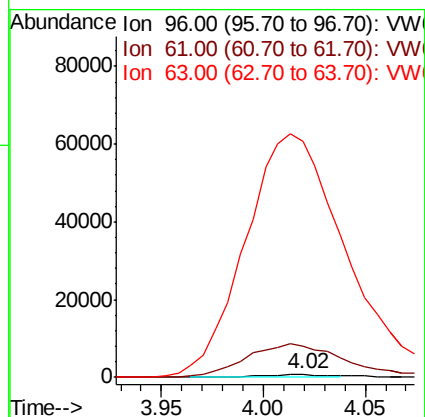
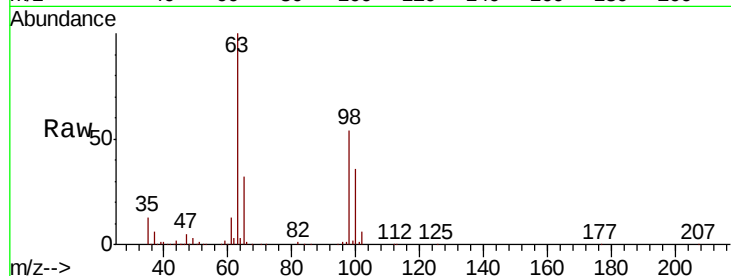
Tgt Ion: 96 Resp: 1775

Ion Ratio Lower Upper

96 100

61 961.2 138.8 257.8#

63 7412.0 114.6 212.8#



#13

Acetone

Concen: 0.882 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

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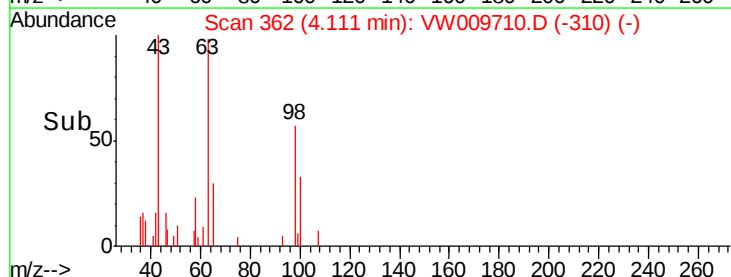
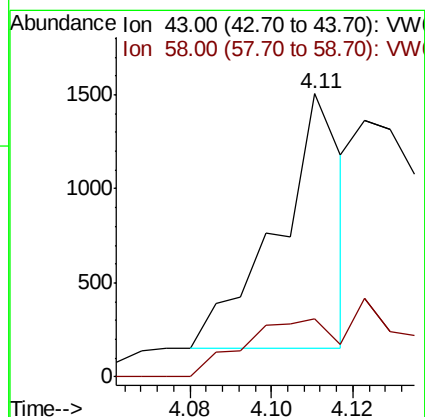
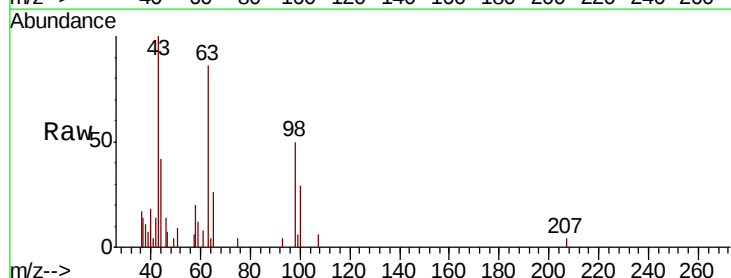
Acq: 05 Apr 2019 04:20

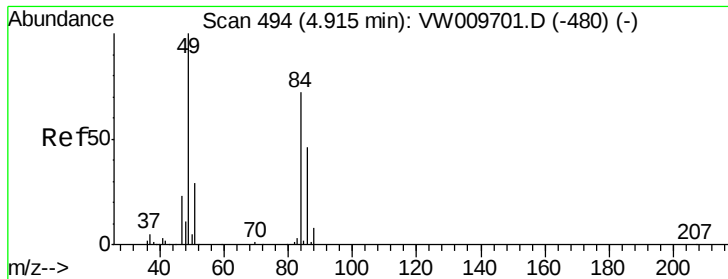
Tgt Ion: 43 Resp: 1502

Ion Ratio Lower Upper

43 100

58 31.8 0.0 53.0

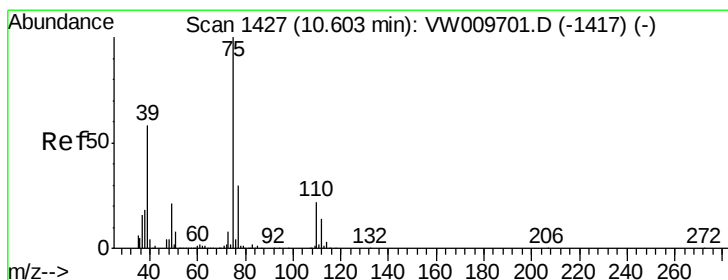
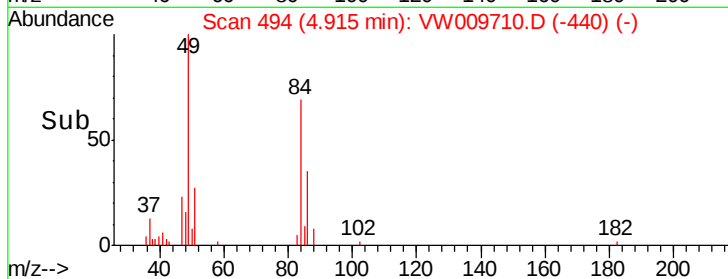
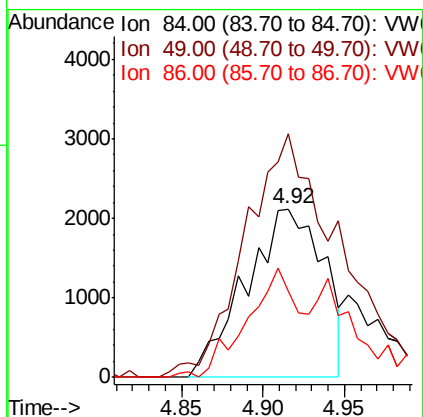
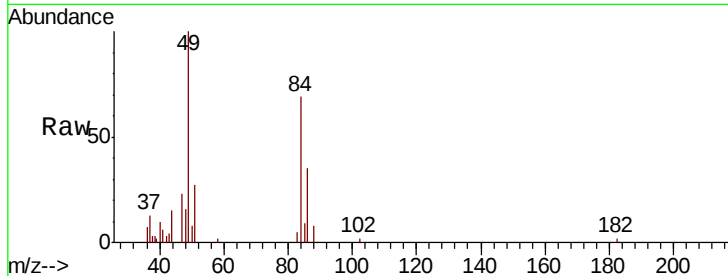




#16
Methylene chloride
Concen: 1.057 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009710.D
Acq: 05 Apr 2019 04:20

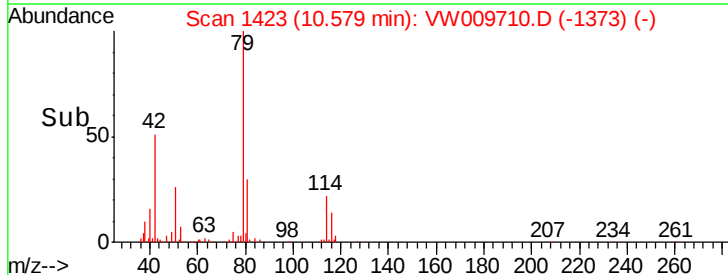
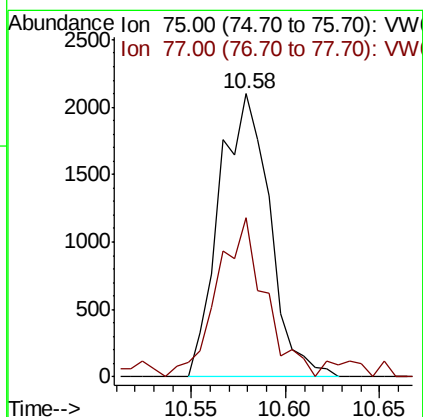
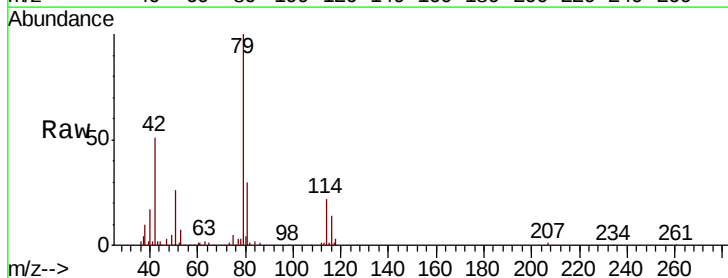
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ClientSampled :
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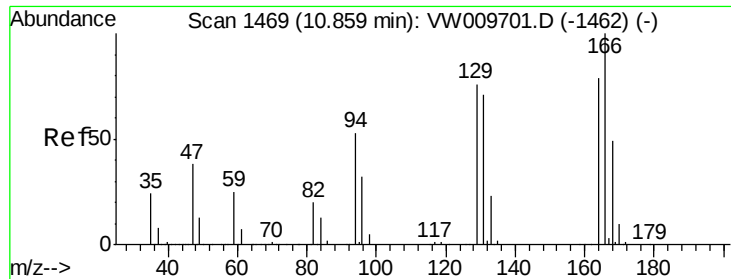
Tgt Ion: 84 Resp: 6976
Ion Ratio Lower Upper
84 100
49 144.5 98.3 182.5
86 51.1 46.4 86.2



#45
trans-1,3-Dichloropropene
Concen: 0.521 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW009710.D
Acq: 05 Apr 2019 04:20

Tgt Ion: 75 Resp: 3898
Ion Ratio Lower Upper
75 100
77 56.1 21.1 39.3#





#47

Tetrachloroethene

Concen: 0.267 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW009710.D

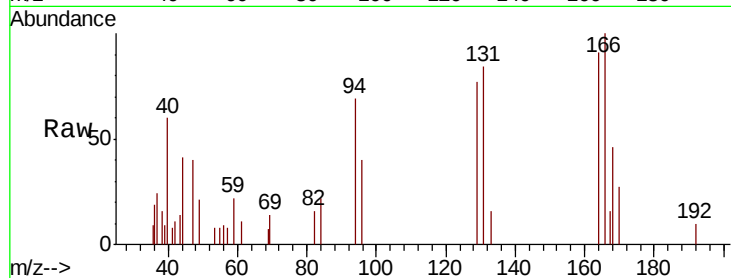
Acq: 05 Apr 2019 04:20

Instrument :

MSVOA_W

ClientSampleId :

BF135



Tgt Ion:164 Resp: 1205

Ion Ratio Lower Upper

164 100

129 84.6 68.9 127.9

131 92.3 63.1 117.1

166 109.6 88.5 164.4

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

