

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
 Data File : VW010139.D
 Acq On : 25 Apr 2019 13:14
 Operator : SY/VA
 Sample : K2497-03
 Misc : 5.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX9

Quant Time: Apr 26 01:07:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 01:05:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	85891	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	68479	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	30272	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	20082	24.46	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.84%
7) Chloroethane-d5	2.88	69	18455	27.20	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.80%
10) 1,1-Dichloroethene-d2	4.01	63	41352	17.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.64%
20) 2-Butanone-d5	7.07	46	12793	33.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.00%
24) Chloroform-d	7.65	84	55919	24.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	8.31	65	30000	22.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.72%
29) Benzene-d6	8.27	84	104680	26.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.96%
33) 1,2-Dichloropropane-d6	9.27	67	34009	28.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.52%
37) Toluene-d8	10.32	98	74761	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.88%
38) trans-1,3-Dichloropropene-	10.58	79	9936	17.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.32%
39) 2-Hexanone-d5	10.93	63	6395	25.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	22643	22.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	27007	24.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.36%

Target Compounds

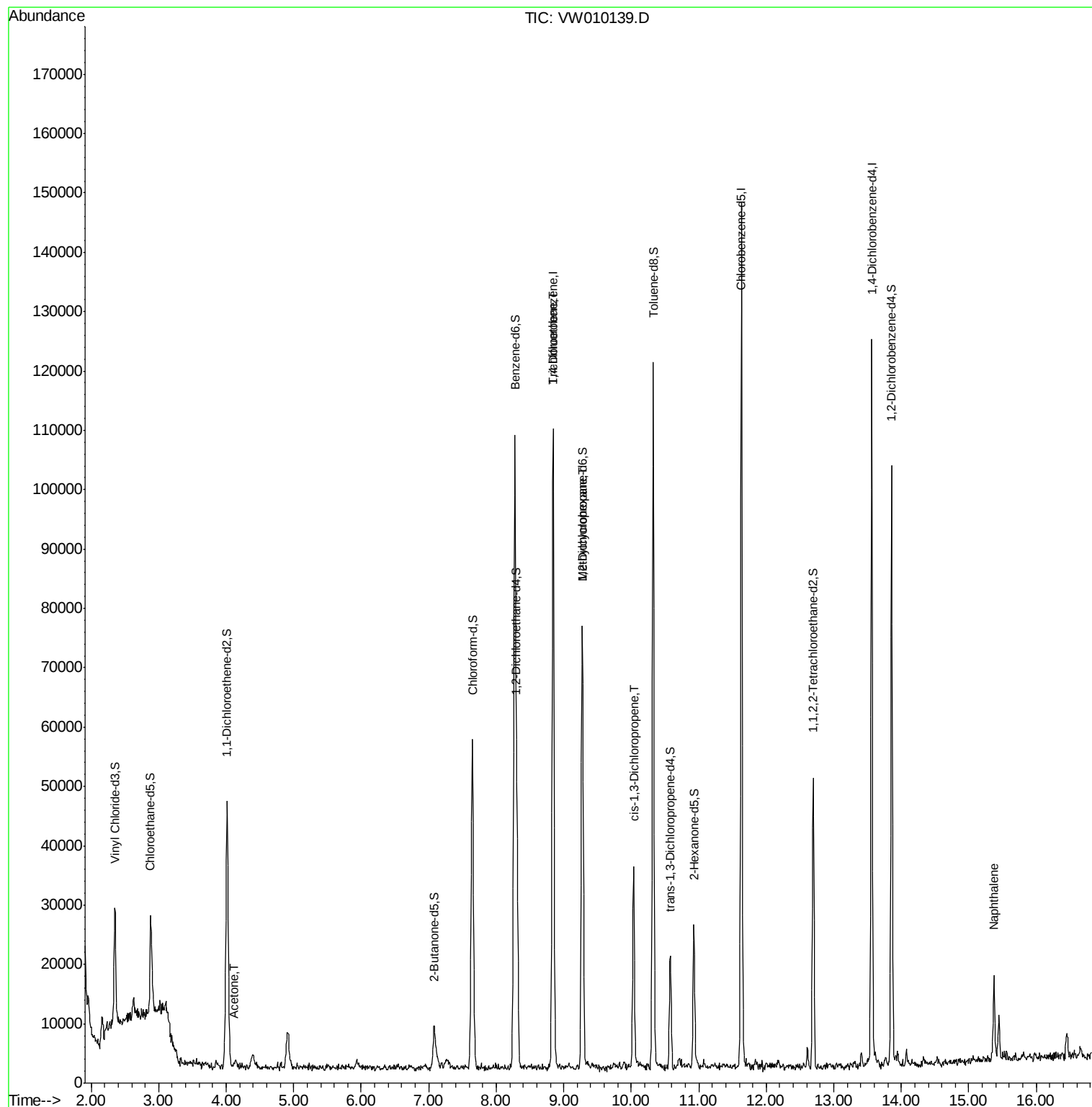
					Qvalue
13) Acetone	4.11	43	911	3.113 ug/L	88
35) Trichloroethene	8.84	95	2860	2.603 ug/L #	5
36) Methylcyclohexane	9.27	83	8645	4.696 ug/L #	16
42) cis-1,3-Dichloropropene	10.04	75	1150	0.688 ug/L	84
69) Naphthalene	15.37	128	11684	4.117 ug/L	99

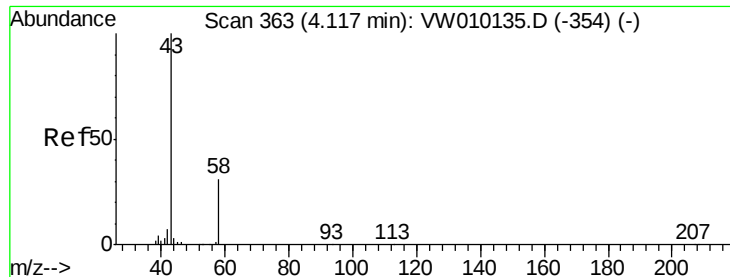
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 26 01:05:00 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.113 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW010139.D

Acq: 25 Apr 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

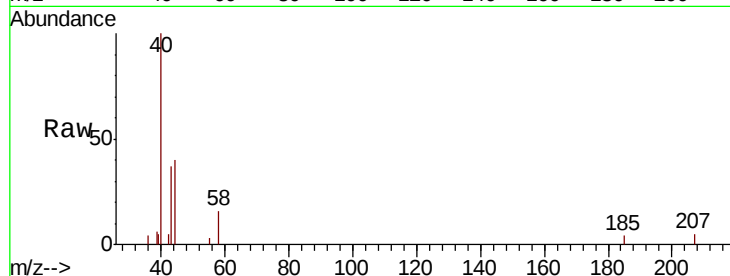
GAHX9

Tgt Ion: 43 Resp: 911

Ion Ratio Lower Upper

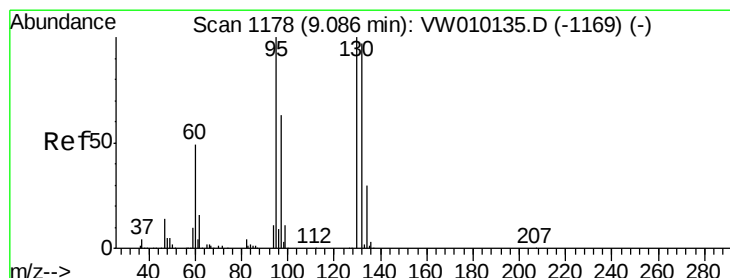
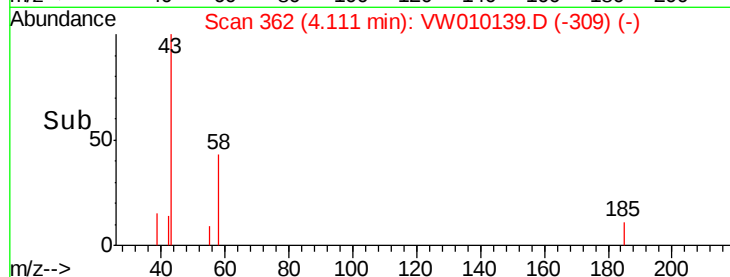
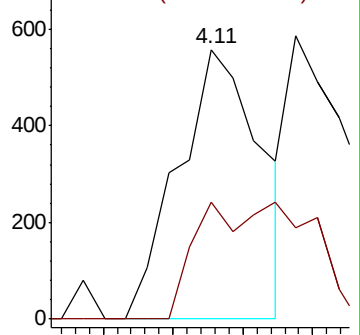
43 100

58 22.9 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.603 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW010139.D

Acq: 25 Apr 2019 13:14

Tgt Ion: 95 Resp: 2860

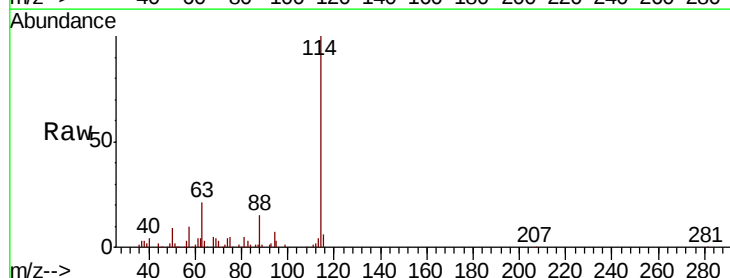
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 67.2 124.8#

130 0.0 70.0 130.0#

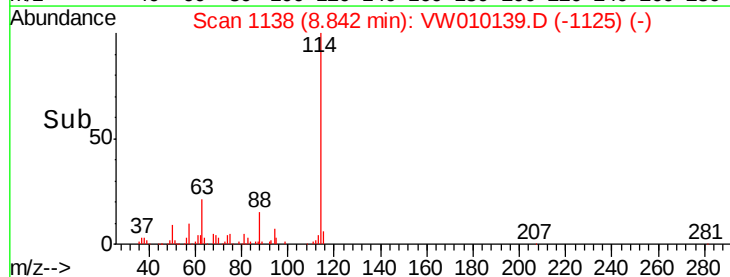
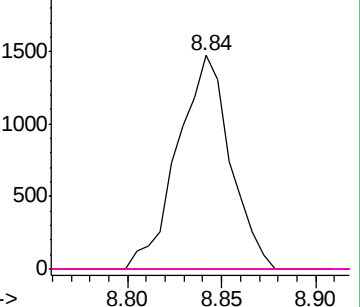


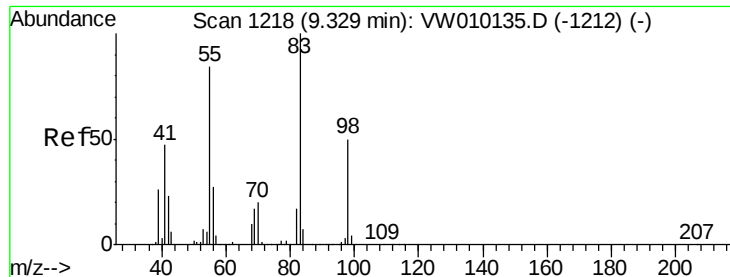
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

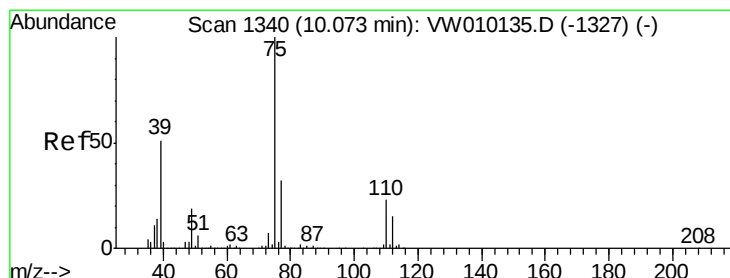
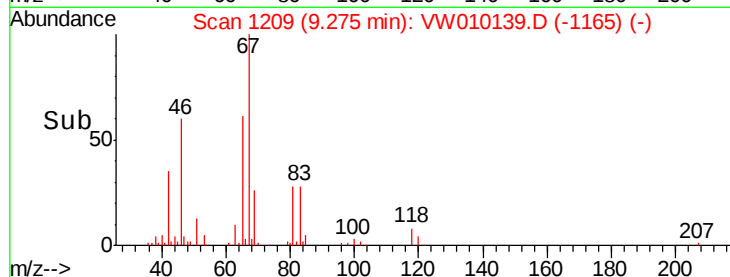
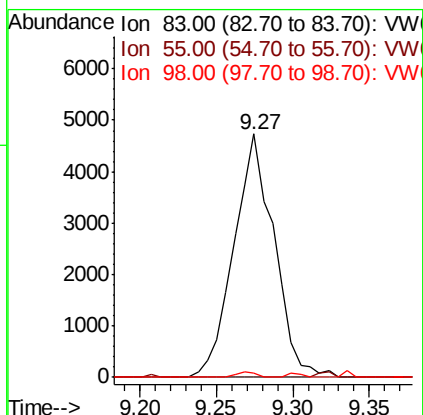
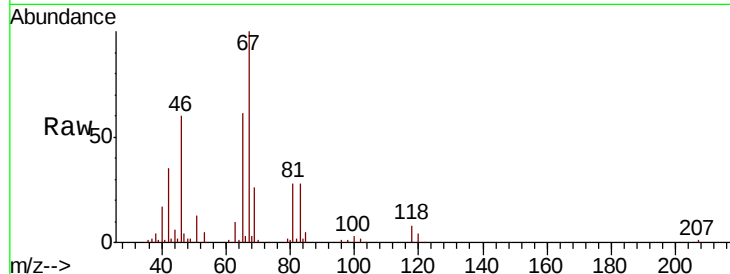




#36
Methylcyclohexane
Concen: 4.696 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW010139.D
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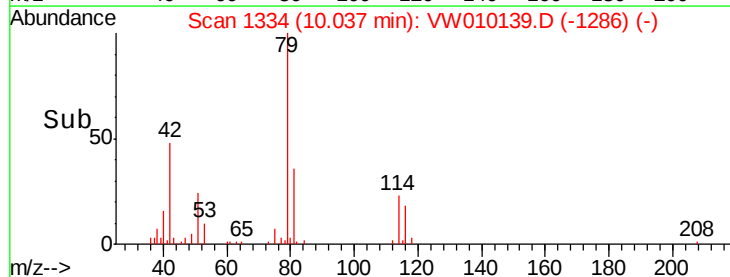
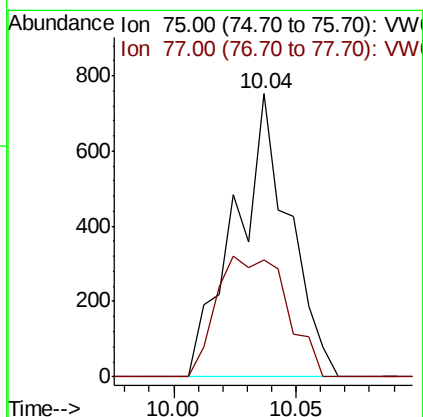
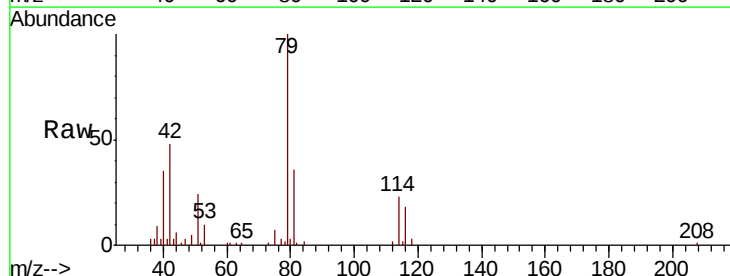
Instrument :
MSVOA_W
ClientSampled :
GAHX9

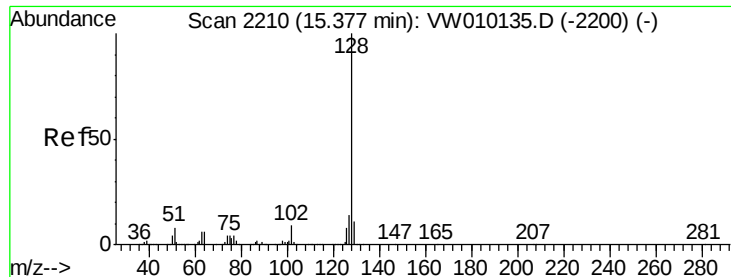
Tgt Ion: 83 Resp: 8645
Ion Ratio Lower Upper
83 100
55 0.0 66.6 100.0#
98 1.0 39.1 58.7#



#42
cis-1,3-Dichloropropene
Concen: 0.688 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW010139.D
Acq: 25 Apr 2019 13:14

Tgt Ion: 75 Resp: 1150
Ion Ratio Lower Upper
75 100
77 41.1 22.5 41.7





#69

Naphthalene

Concen: 4.117 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010139.D

Acq: 25 Apr 2019 13:14

Instrument :

MSVOA_W

ClientSampleId :

GAHX9

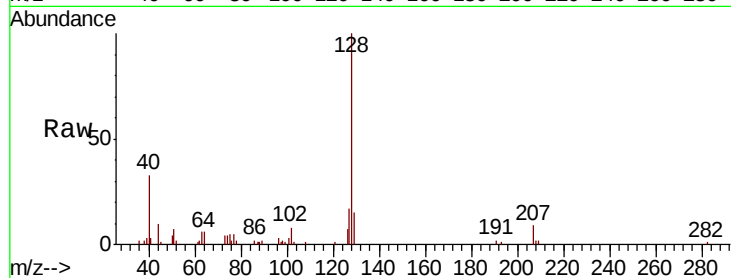
Tgt Ion:128 Resp: 11684

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

