

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038067.D
 Acq On : 08 May 2020 03:02
 Operator : JC/MD
 Sample : L2528-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS4

Quant Time: May 08 05:58:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 04:55:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	369378	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	360748	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	163270	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	144917	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.93	69	121125	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.59	63	176924	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.66	46	309443	37.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.24%
24) Chloroform-d	5.10	84	201459	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.60%
26) 1,2-Dichloroethane-d4	5.74	65	129416	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.76	84	491344	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.72	67	157172	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.92	98	434963	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.20	79	55173	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
46) 2-Hexanone-d5	8.65	63	276344	41.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.74%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114587	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	152155	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

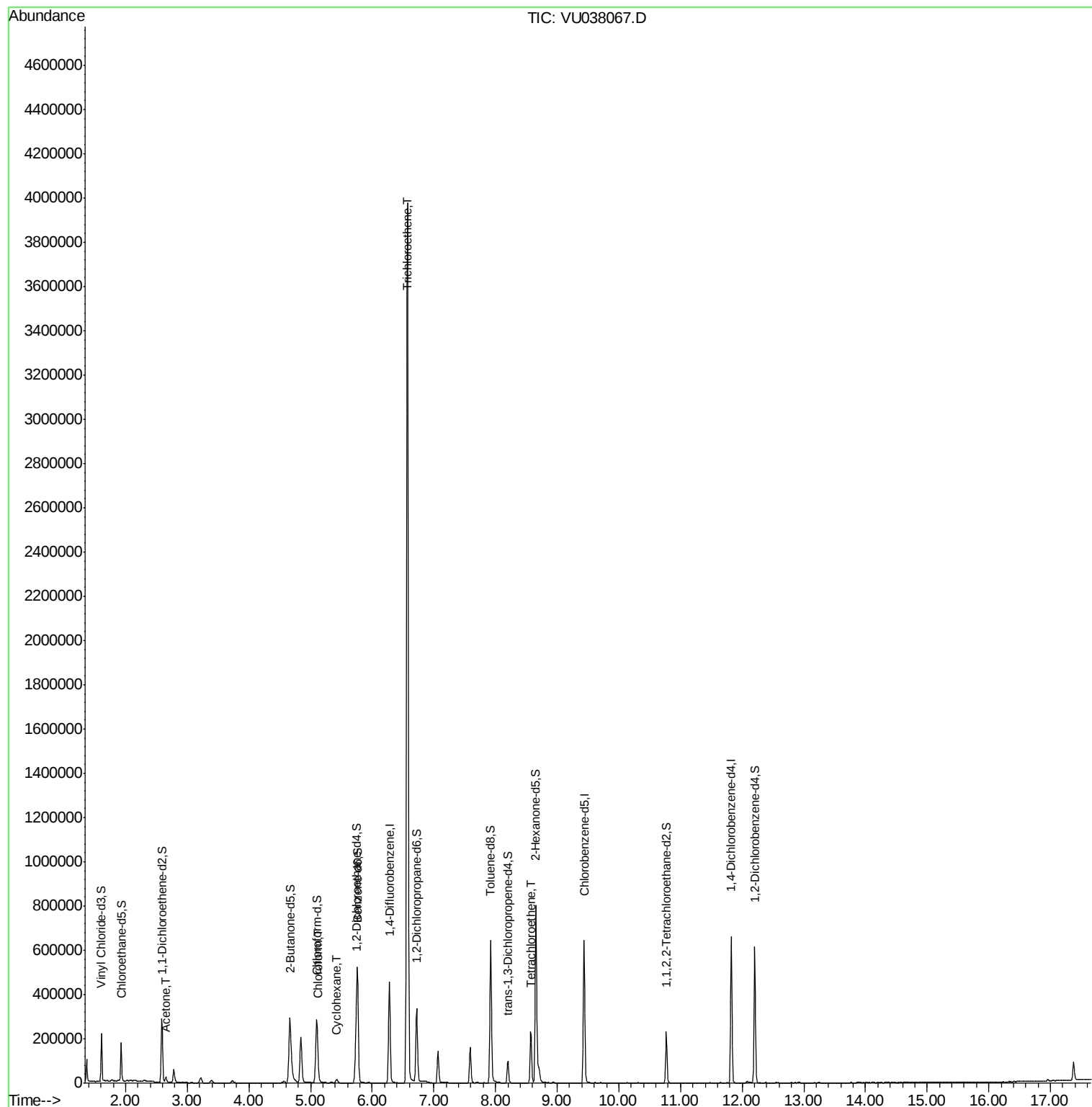
					Ovalue
13) Acetone	2.65	43	28662	5.480	ug/L 99
25) Chloroform	5.12	83	24604	0.483	ug/L 96
30) Cyclohexane	5.42	56	7997	0.164	ug/L 98
34) Trichloroethene	6.57	95	1361339	47.116	ug/L 99
47) Tetrachloroethene	8.57	164	50482	2.498	ug/L 98

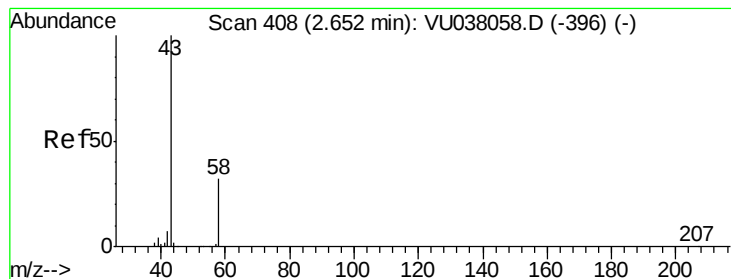
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.480 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU038067.D

Acq: 08 May 2020 03:02

Instrument :

MSVOA_U

ClientSampled :

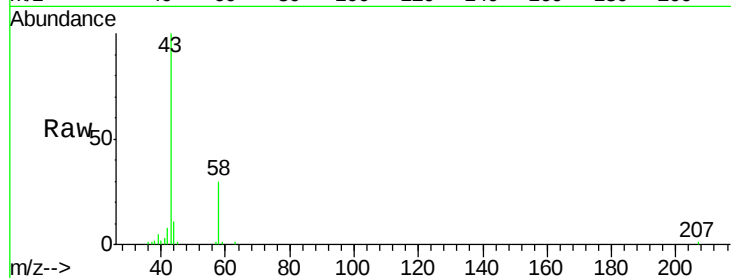
BFS4

Tot Ion: 43 Resp: 28662

Ion Ratio Lower Upper

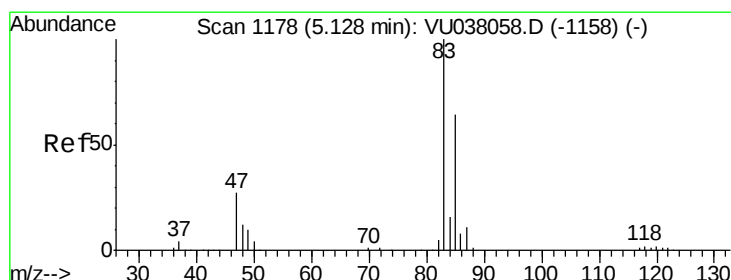
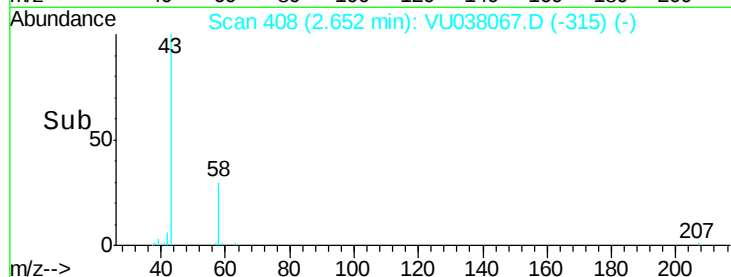
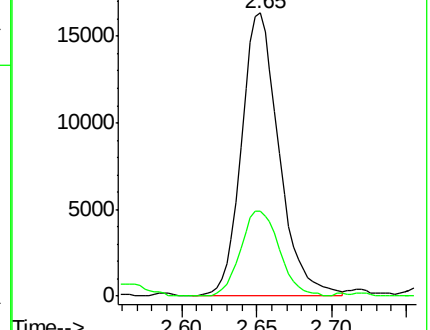
43 100

58 31.0 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038067.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU038067.D (-315) (-)



#25

Chloroform

Concen: 0.483 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU038067.D

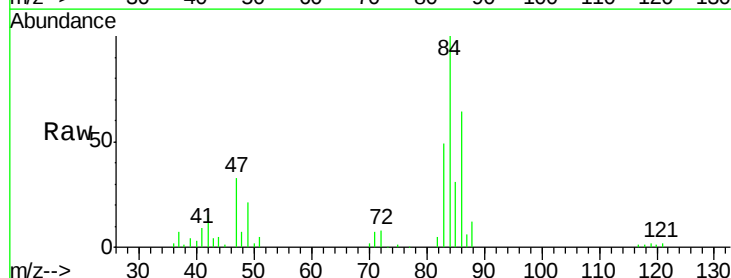
Acq: 08 May 2020 03:02

Tgt Ion: 83 Resp: 24604

Ion Ratio Lower Upper

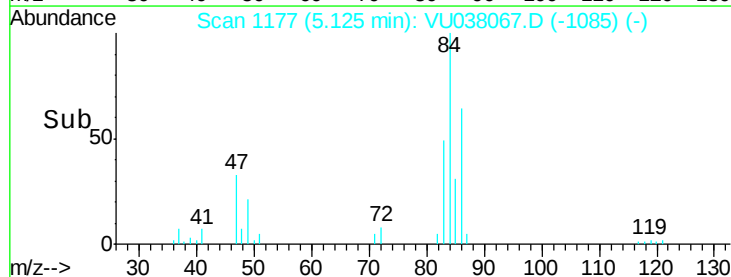
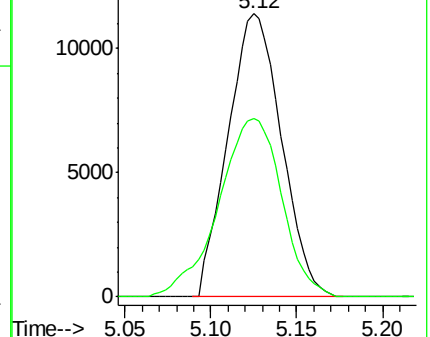
83 100

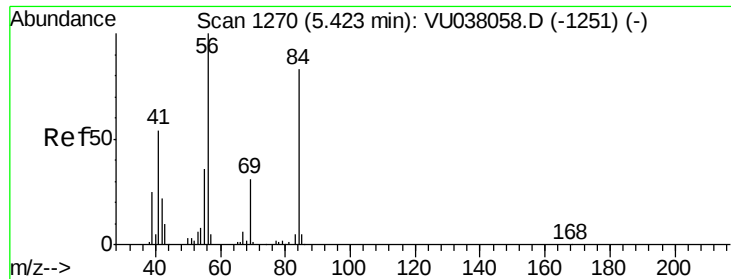
85 63.2 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VU038067.D (-1085) (-)

Ion 85.00 (84.70 to 85.70): VU038067.D (-1085) (-)

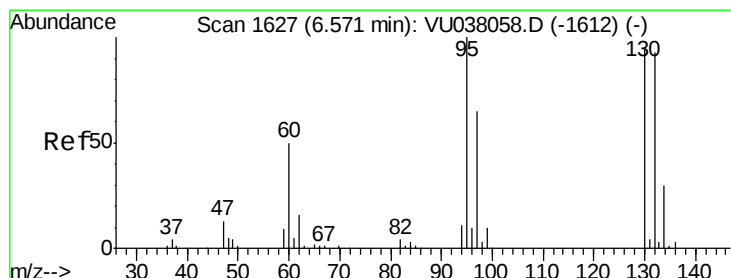
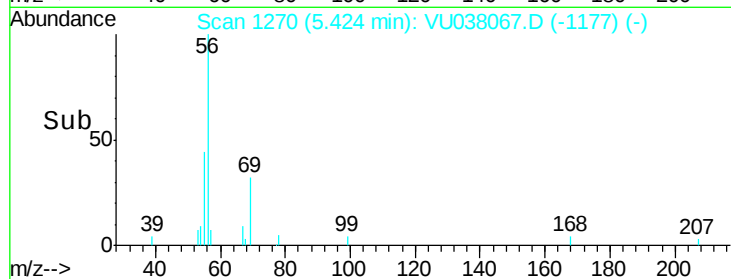
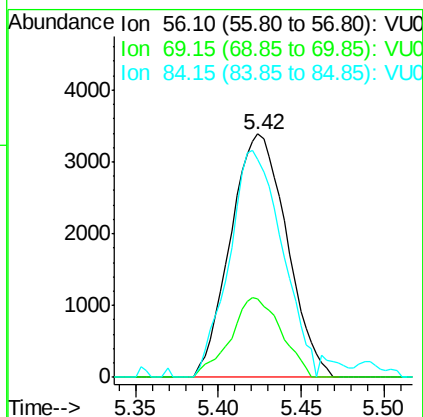
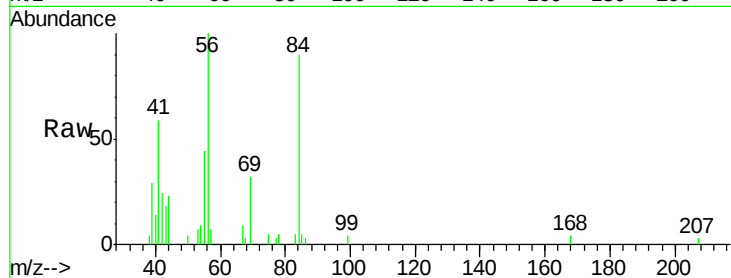




#30
Cvclohexane
Concen: 0.164 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038067.D
Acq: 08 May 2020 03:02

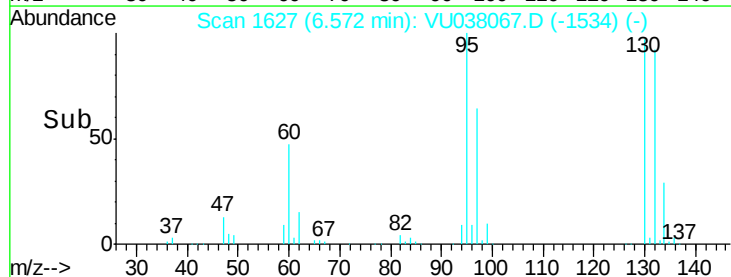
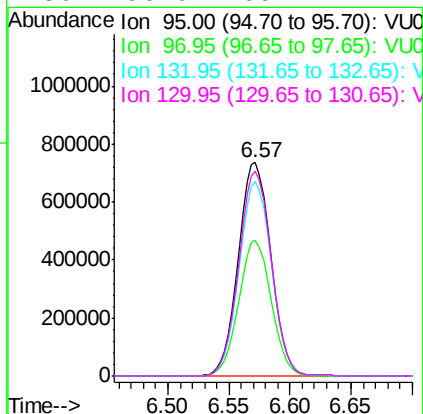
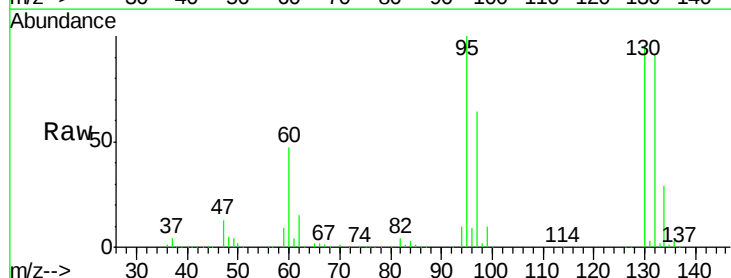
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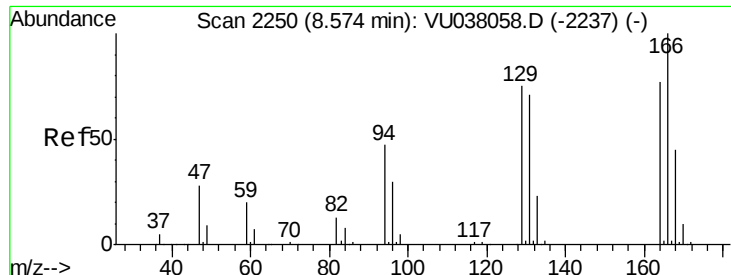
Tot Ion: 56 Resp: 7997
Ion Ratio Lower Upper
56 100
69 29.4 24.2 36.4
84 87.6 68.5 102.7



#34
Trichloroethene
Concen: 47.116 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038067.D
Acq: 08 May 2020 03:02

Tgt Ion: 95 Resp: 1361339
Ion Ratio Lower Upper
95 100
97 63.7 44.9 83.3
132 91.1 63.3 117.5
130 96.0 65.7 122.1





#47

Tetrachloroethene

Concen: 2.498 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038067.D

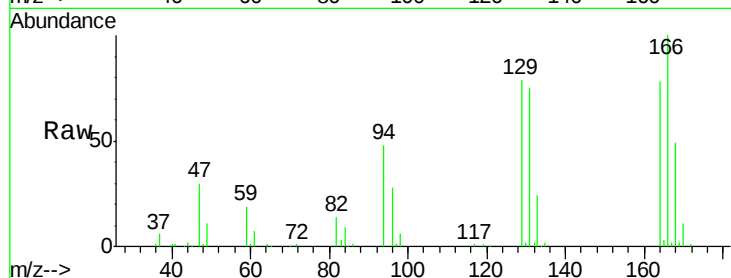
Acq: 08 May 2020 03:02

Instrument :

MSVOA_U

ClientSampleId :

BFSL4



Tot Ion:164 Resp: 50482

Ion Ratio Lower Upper

164 100

129 101.5 68.8 127.8

131 96.0 66.8 124.2

166 128.7 88.9 165.1

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

