

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012637.D
 Acq On : 09 Sep 2019 21:48
 Operator : SY/MD
 Sample : K4724-14
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDB4

Quant Time: Sep 11 05:59:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 11 05:21:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	251822	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	252553	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	98592	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79423	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	69452	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.13	63	95311	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.93	46	274571	66.80	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.60%#
24) Chloroform-d	4.40	84	132980	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.08	65	90617	6.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.00%
32) Benzene-d6	5.10	84	281517	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	99002	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.36	98	219854	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.66	79	32343	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.13	63	171642	68.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.64%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	92615	6.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	134.60%#
64) 1,2-Dichlorobenzene-d4	11.67	152	94053	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

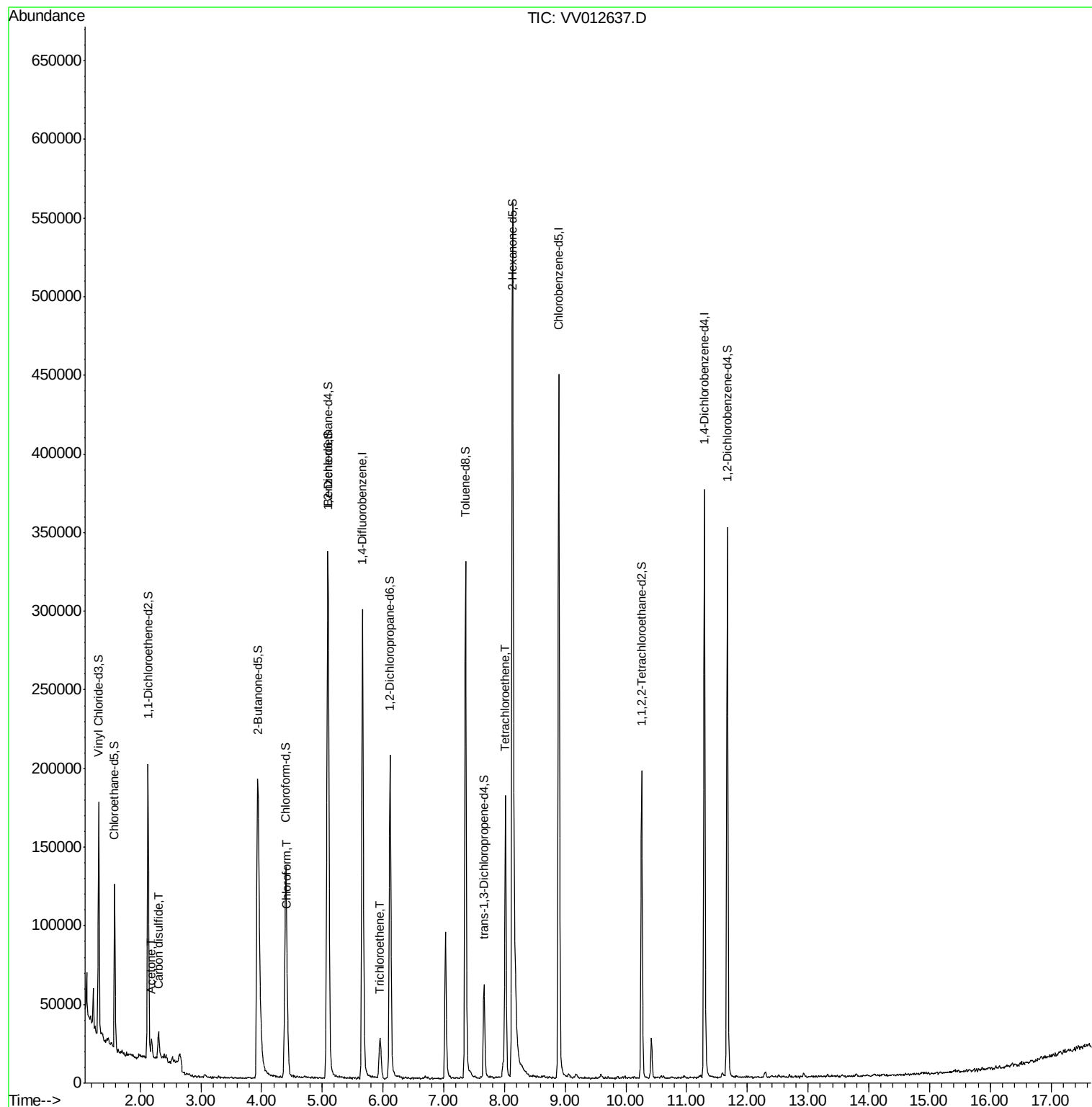
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.19	43	9199	3.818	ug/L	95
14) Carbon disulfide	2.32	76	4072	0.097	ug/L #	63
25) Chloroform	4.43	83	18057	0.495	ug/L	99
34) Trichloroethene	5.96	95	3469	0.170	ug/L	91
47) Tetrachloroethene	8.02	164	41759	2.608	ug/L	96

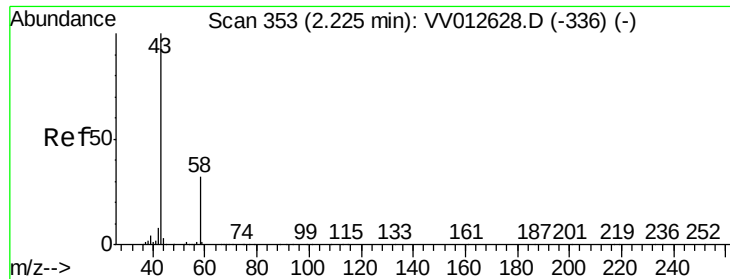
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.818 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

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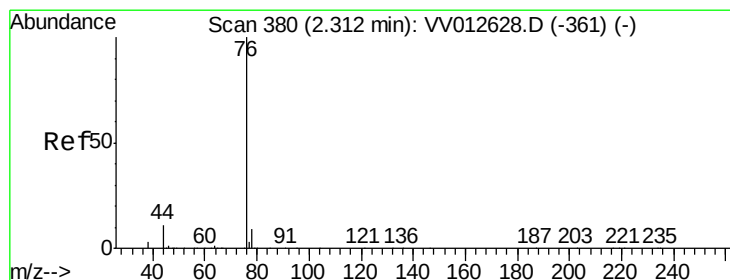
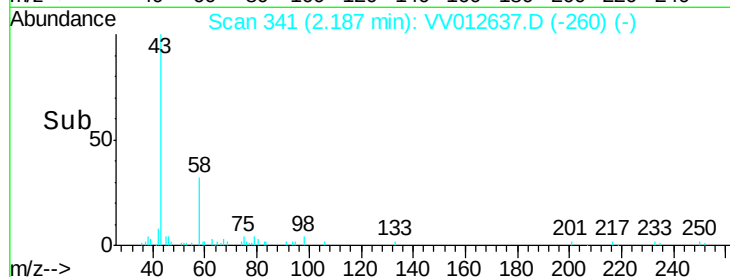
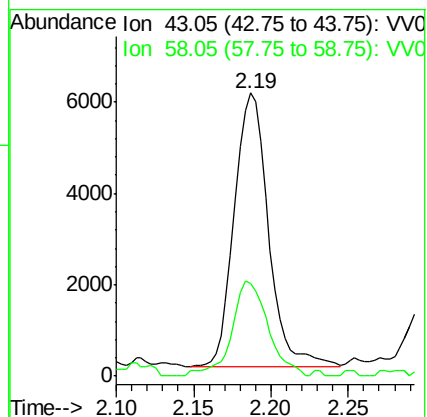
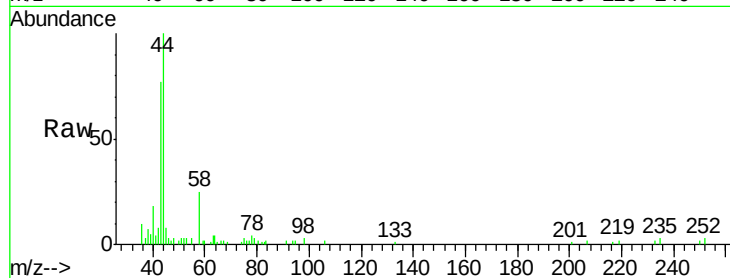
Instrument :
MSVOA_V
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Tot Ion: 43 Resp: 9199

Ion Ratio Lower Upper

43 100

58 36.8 0.0 67.4



#14

Carbon disulfide

Concen: 0.097 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

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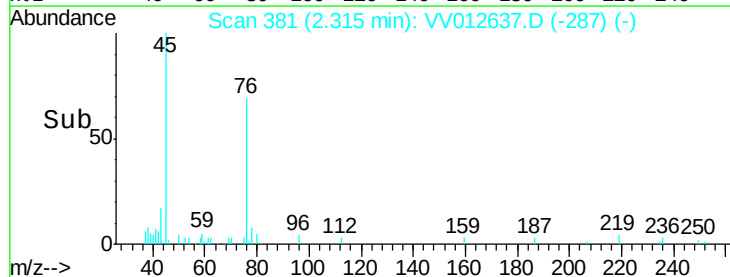
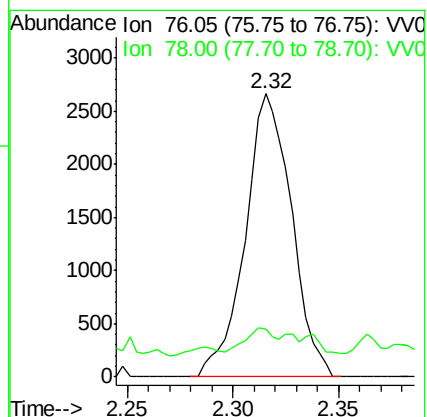
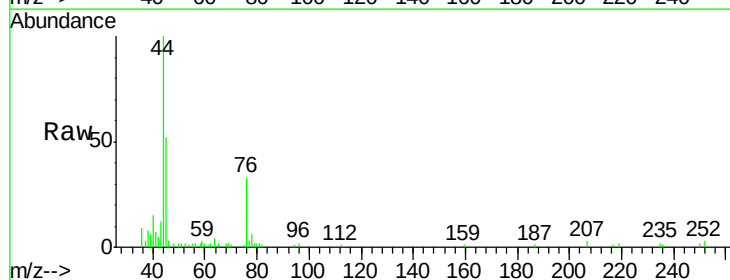
Acq: 09 Sep 2019 21:48

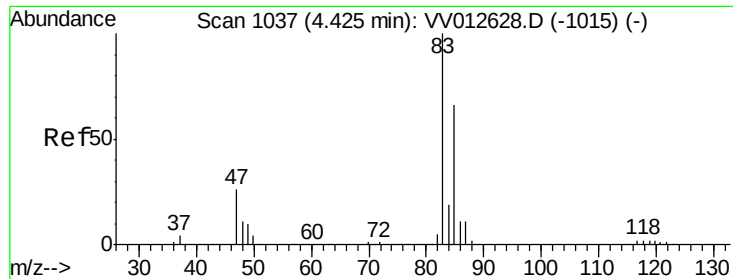
Tgt Ion: 76 Resp: 4072

Ion Ratio Lower Upper

76 100

78 22.6 7.4 11.2#

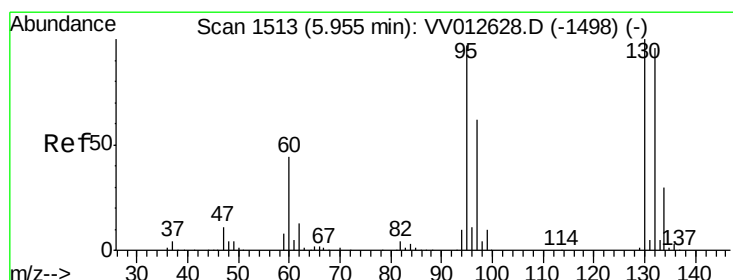
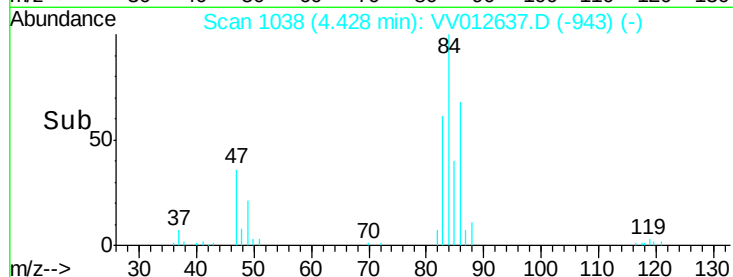
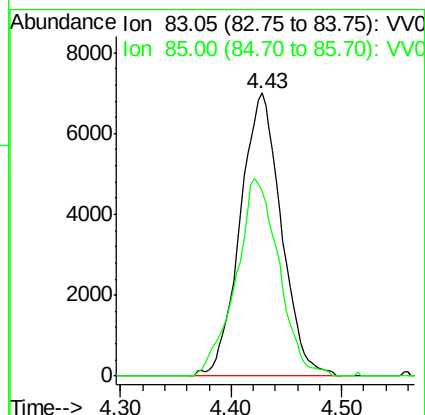
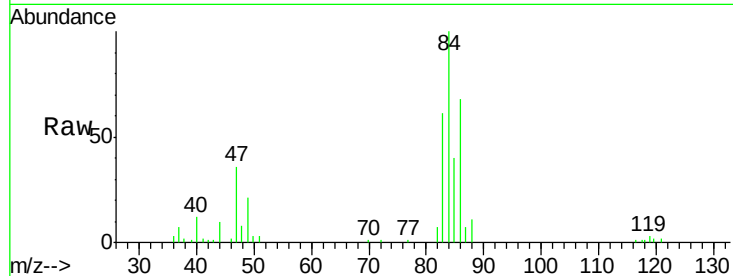




#25
Chloroform
Concen: 0.495 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
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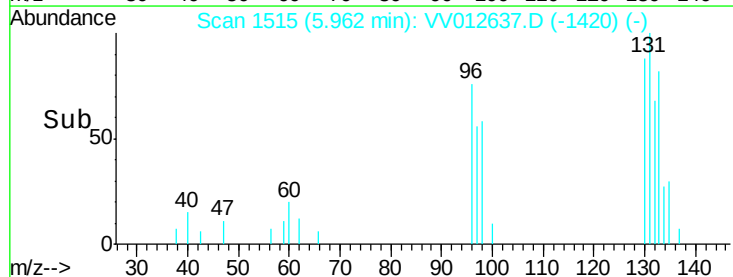
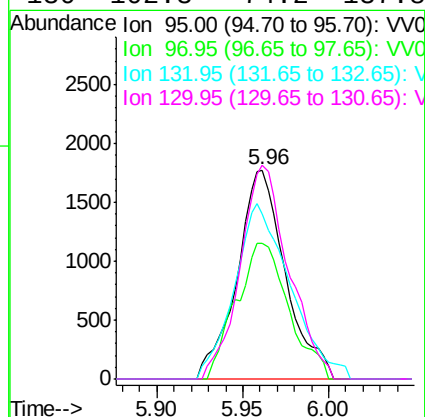
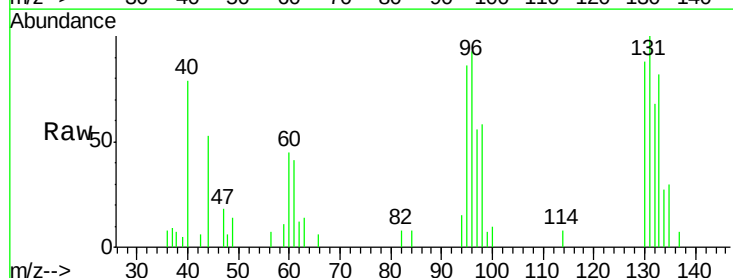
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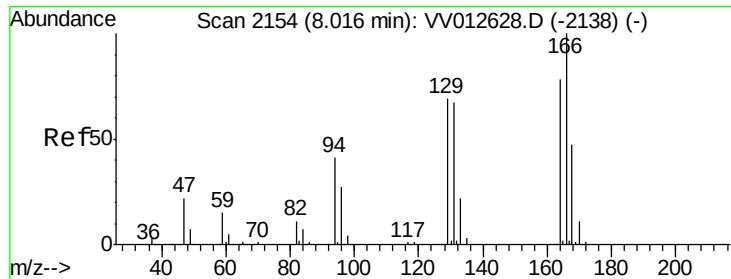
Tot Ion: 83 Resp: 18057
Ion Ratio Lower Upper
83 100
85 65.4 45.3 84.1



#34
Trichloroethene
Concen: 0.170 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV012637.D
Acq: 09 Sep 2019 21:48

Tgt Ion: 95 Resp: 3469
Ion Ratio Lower Upper
95 100
97 65.1 45.4 84.2
132 79.1 70.2 130.4
130 102.3 74.2 137.8





#47

Tetrachloroethene

Concen: 2.608 ug/L

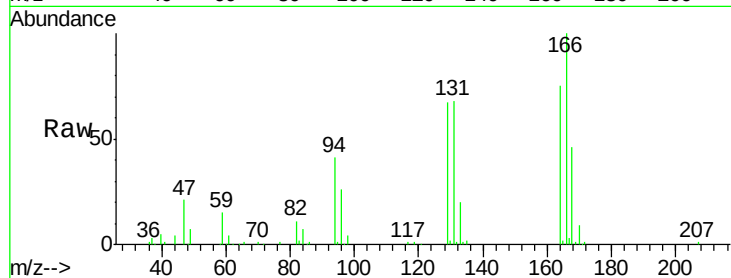
RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012637.D

Acq: 09 Sep 2019 21:48

Instrument :
MSVOA_V
ClientSampleId :
BFDB4



Tot Ion:164 Resp: 41759

Ion Ratio Lower Upper

164 100

129 90.4 61.9 114.9

131 91.2 59.7 110.9

166 134.0 90.4 167.8

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

