

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070219\
 Data File : VV011809.D
 Acq On : 02 Jul 2019 17:56
 Operator : SY/MD
 Sample : K3608-10
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAML9

Quant Time: Jul 03 08:45:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 03 08:28:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	180308	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	170855	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	75155	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66133	5.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.00%
7) Chloroethane-d5	1.58	69	52323	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.13	63	95252	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	3.96	46	161546	53.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.82%
24) Chloroform-d	4.40	84	119251	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.08	65	64521	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.10	84	244295	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.12	67	73238	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	211629	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	7.66	79	24250	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.14	63	124540	55.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49362	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	72449	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

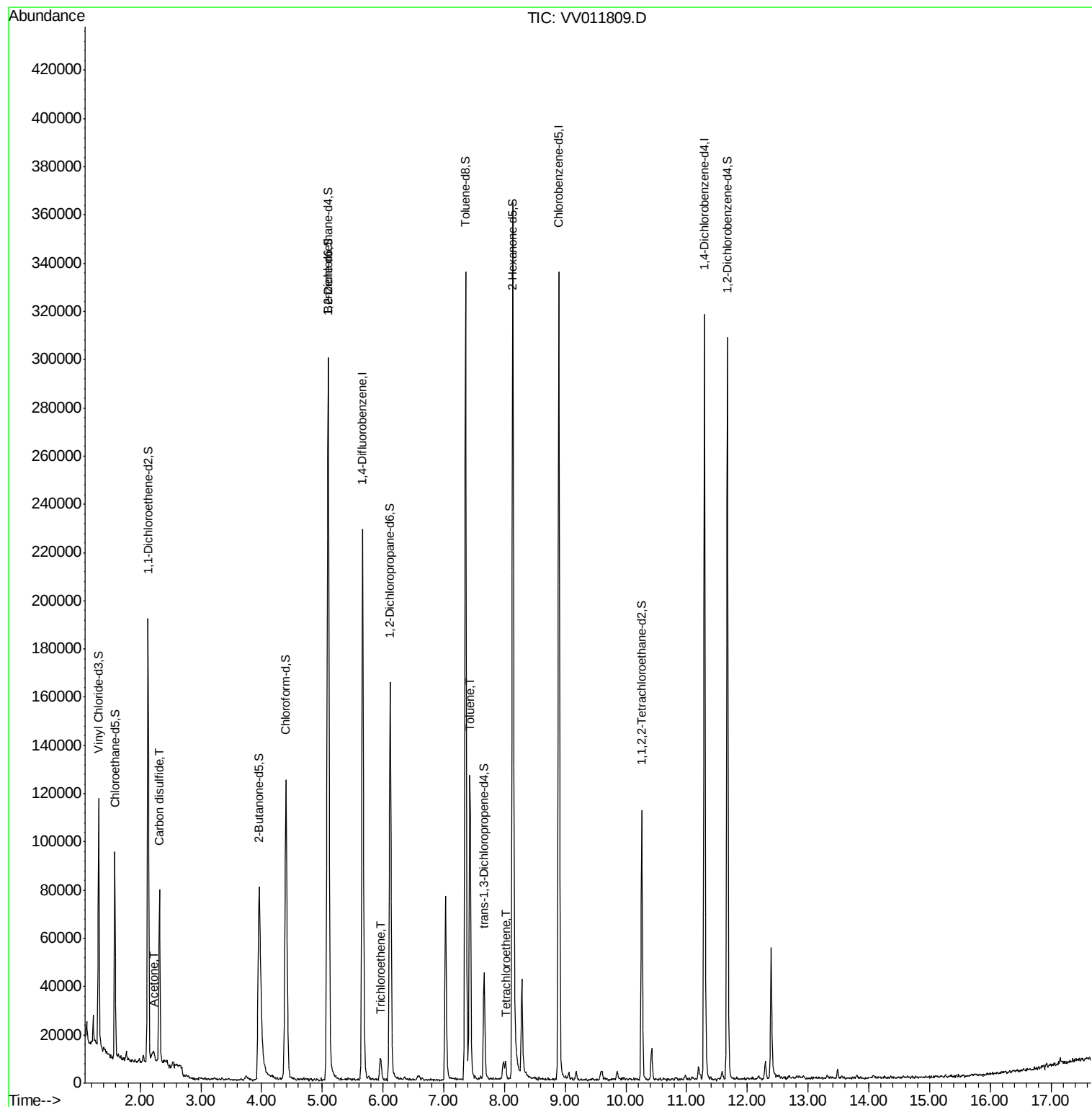
					Ovalue
13) Acetone	2.22	43	7041	3.431 ug/L	86
14) Carbon disulfide	2.32	76	76626	2.612 ug/L	100
34) Trichloroethene	5.96	95	2343	0.177 ug/L	85
42) Toluene	7.43	91	86682	1.613 ug/L	100
47) Tetrachloroethene	8.02	164	1354	0.130 ug/L	85

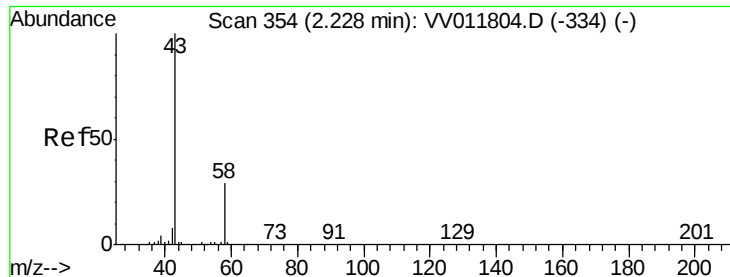
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.431 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.01 min

Lab File: VV011809.D

Acq: 02 Jul 2019 17:56

Instrument :

MSVOA_V

ClientSampled :

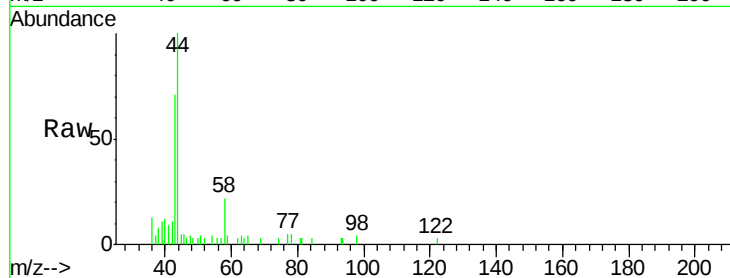
GAML9

Tot Ion: 43 Resp: 7041

Ion Ratio Lower Upper

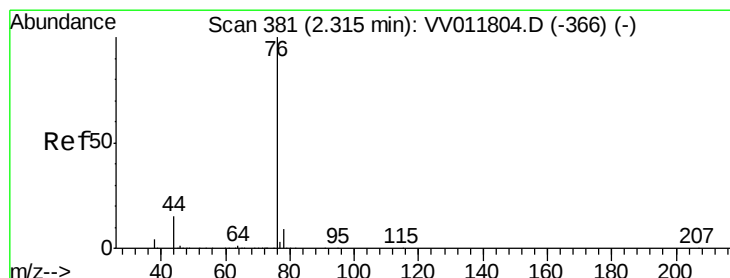
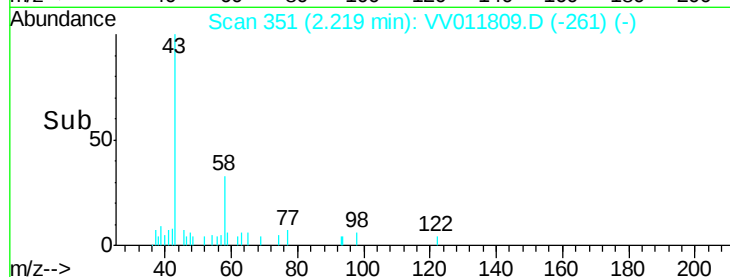
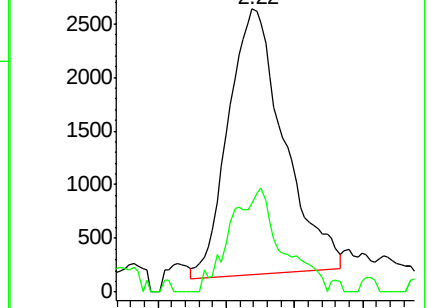
43 100

58 21.5 0.0 58.0



Abundance Ion 43.05 (42.75 to 43.75): VV011804.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV011804.D (-334) (-)



#14

Carbon disulfide

Concen: 2.612 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV011809.D

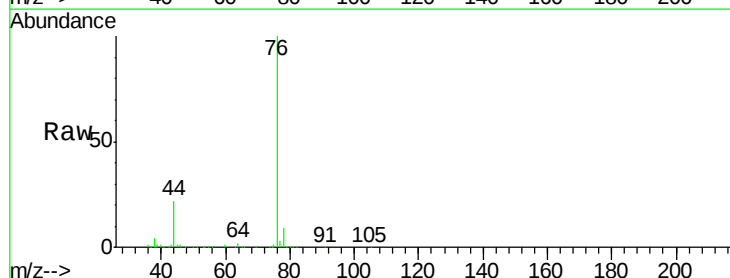
Acq: 02 Jul 2019 17:56

Tgt Ion: 76 Resp: 76626

Ion Ratio Lower Upper

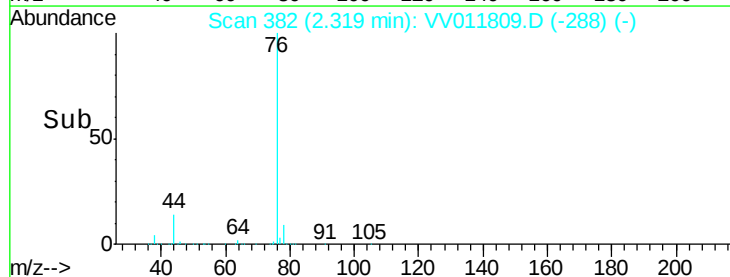
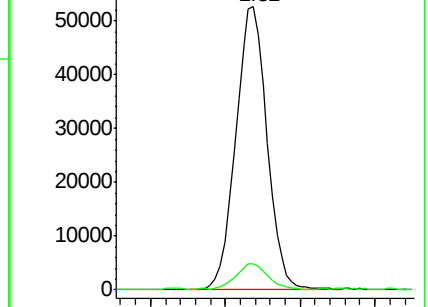
76 100

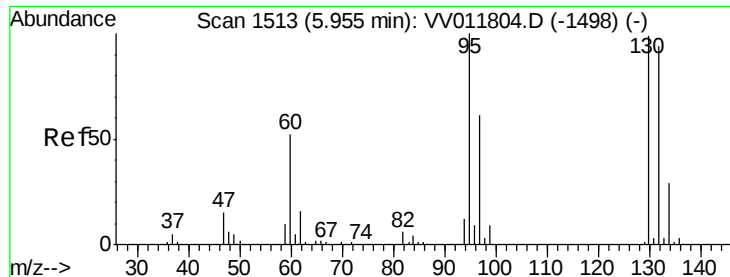
78 9.2 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV011804.D (-366) (-)

Ion 78.00 (77.70 to 78.70): VV011804.D (-366) (-)

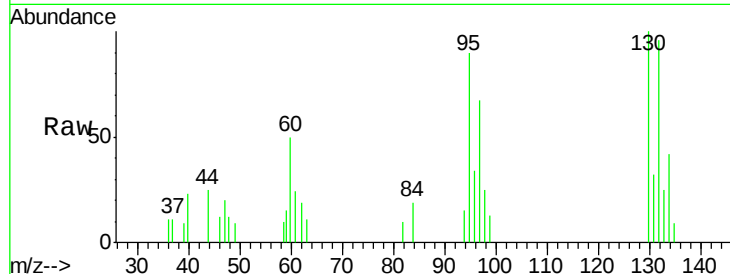




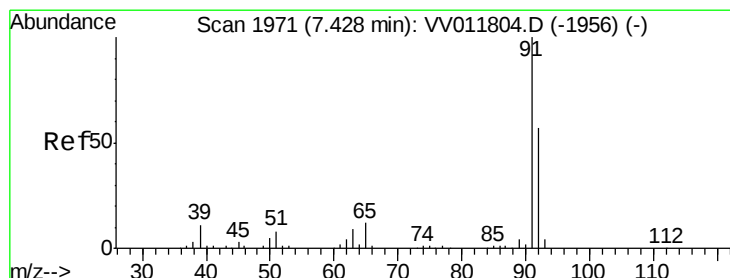
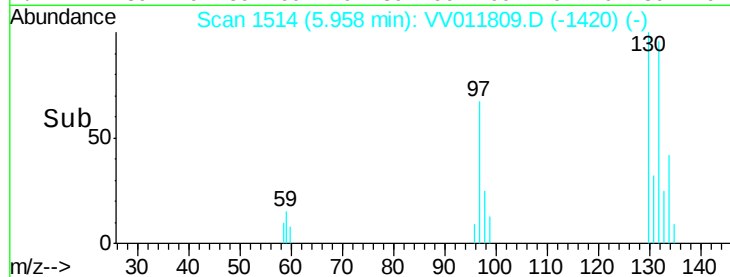
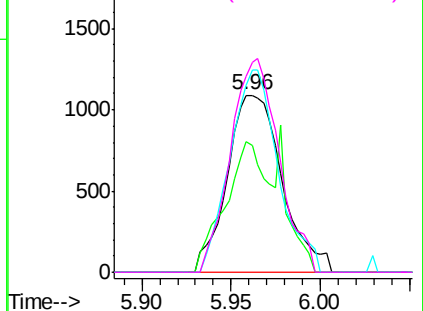
#34
 Trichloroethene
 Concen: 0.177 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV011809.D
 Acq: 02 Jul 2019 17:56

Instrument :
 MSVOA_V
 ClientSampleId :
 GAML9

Tot Ion: 95 Resp: 2343
 Ion Ratio Lower Upper
 95 100
 97 73.8 43.7 81.1
 132 105.8 63.7 118.3
 130 110.5 67.1 124.7

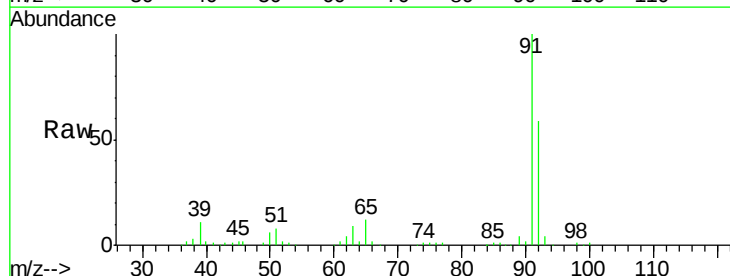


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

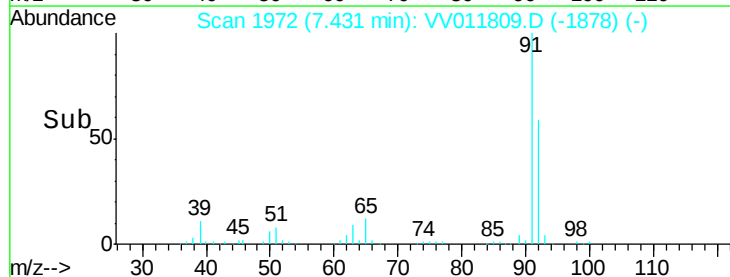
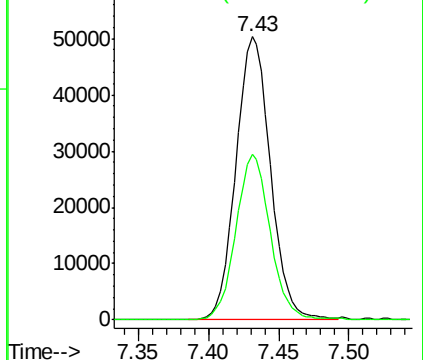


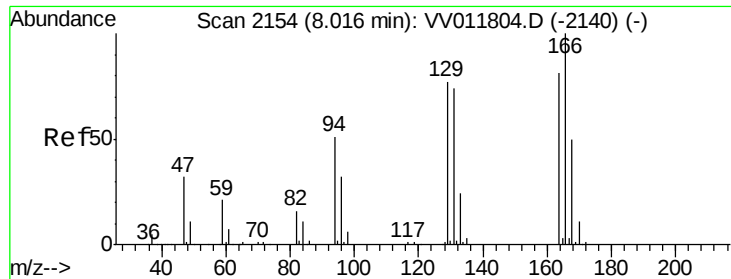
#42
 Toluene
 Concen: 1.613 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV011809.D
 Acq: 02 Jul 2019 17:56

Tgt Ion: 91 Resp: 86682
 Ion Ratio Lower Upper
 91 100
 92 58.6 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0





#47

Tetrachloroethene

Concen: 0.130 ug/L

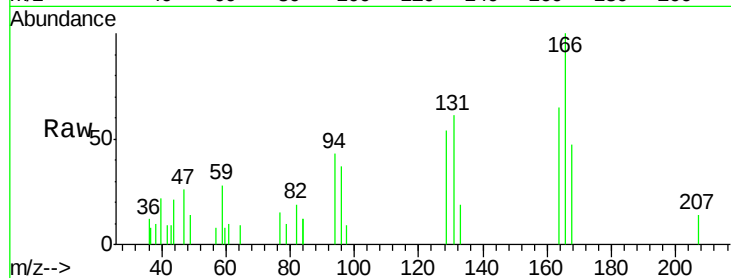
RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV011809.D

Acq: 02 Jul 2019 17:56

Instrument :
MSVOA_V
ClientSampleId :
GAML9



Tot Ion:164 Resp: 1354

Ion Ratio Lower Upper

164 100

129 83.9 65.7 121.9

131 93.8 63.2 117.4

166 153.9 85.8 159.3

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

