

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015426.D
 Acq On : 09 Apr 2020 17:52
 Operator : SY/MD
 Sample : L2216-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y11

Quant Time: Apr 10 05:35:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 04:24:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	118860	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	114417	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	55677	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29187	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.58	69	27658	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.12	63	43140	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.95	46	97709	56.43	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.86%
24) Chloroform-d	4.38	84	63882	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.06	65	38027	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.08	84	125294	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.10	67	39921	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.34	98	116026	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.64	79	16521	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.12	63	82853	49.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30759	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	44563	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

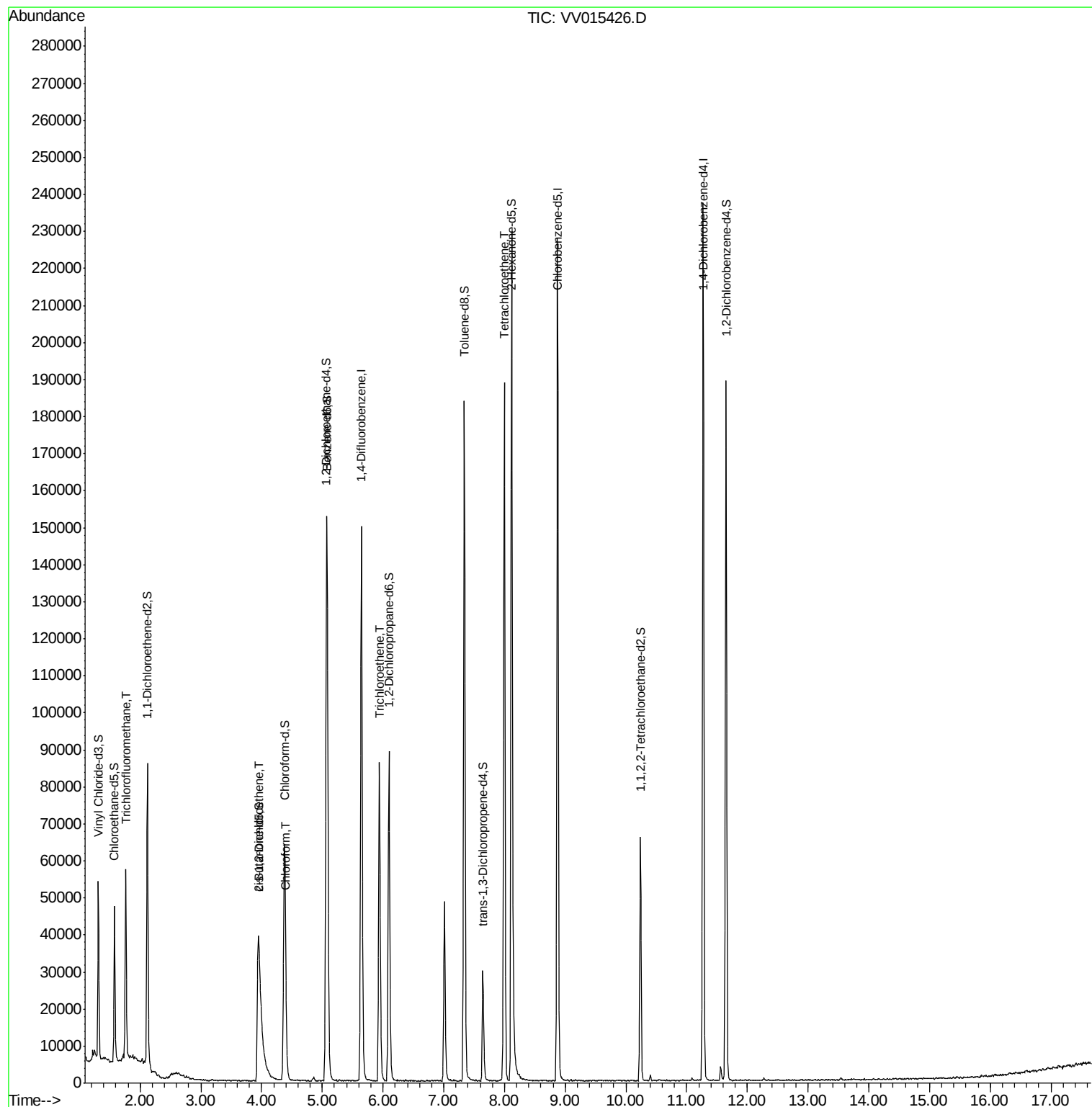
					Ovalue
9) Trichlorofluoromethane	1.76	101	29028	2.103 ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	5291	0.606 ug/L	97
25) Chloroform	4.41	83	3048	0.188 ug/L	92
34) Trichloroethene	5.94	95	29819	3.235 ug/L	99
47) Tetrachloroethene	8.00	164	38189	5.592 ug/L	97

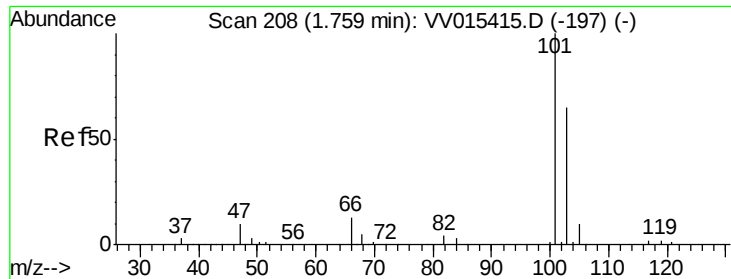
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 2.103 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV015426.D

Acq: 09 Apr 2020 17:52

Instrument :

MSVOA_V

ClientSampleId :

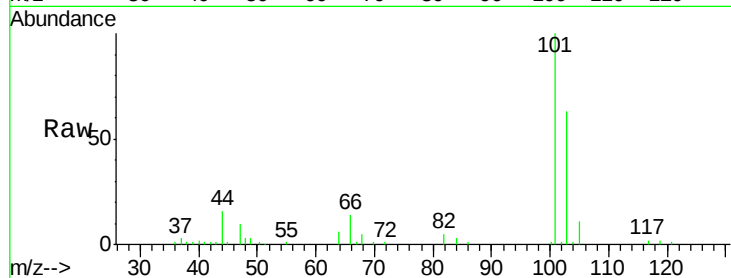
C0Y11

Tot Ion:101 Resp: 29028

Ion Ratio Lower Upper

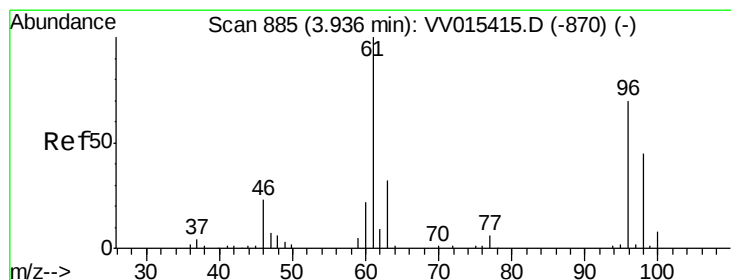
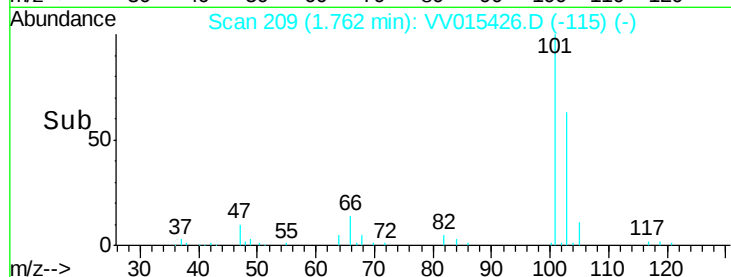
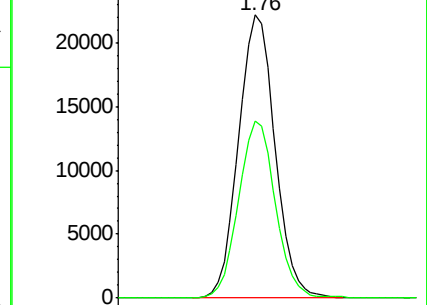
101 100

103 63.3 51.9 77.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#22

cis-1,2-Dichloroethene

Concen: 0.606 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV015426.D

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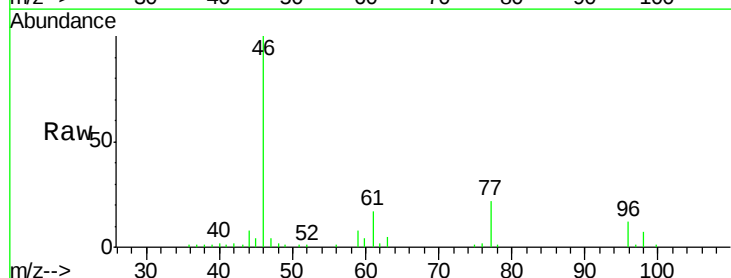
Tgt Ion: 96 Resp: 5291

Ion Ratio Lower Upper

96 100

61 138.9 100.0 185.8

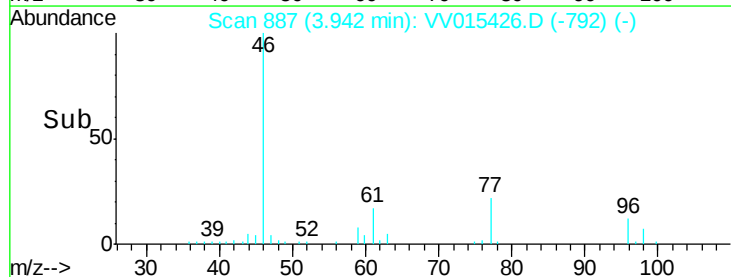
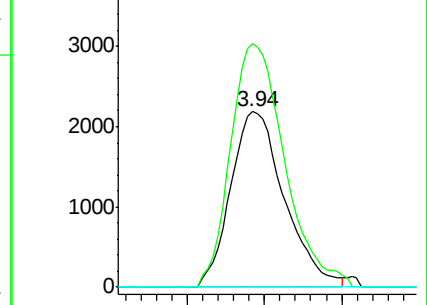
68 0.0 0.0 0.0

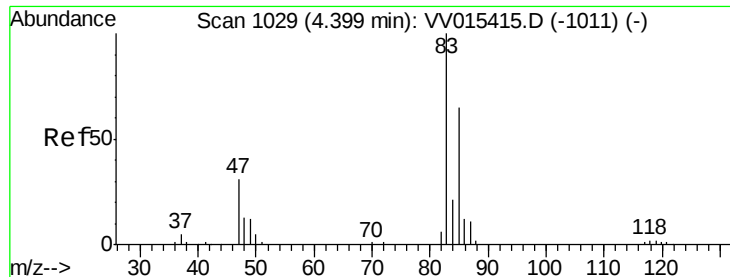


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

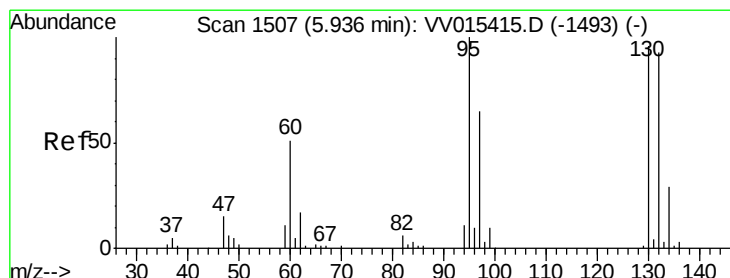
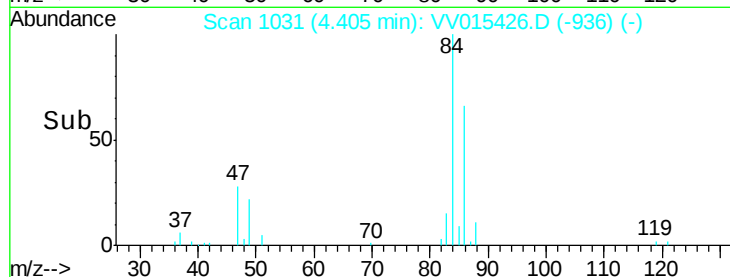
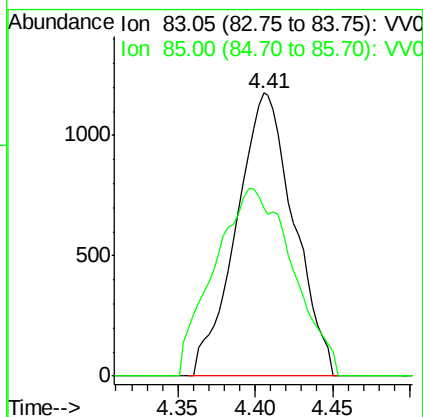
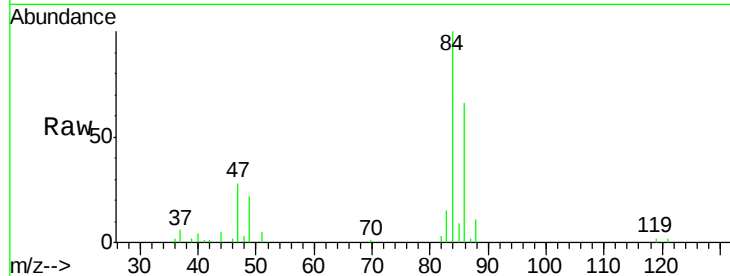




#25
Chloroform
Concen: 0.188 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015426.D
Acq: 09 Apr 2020 17:52

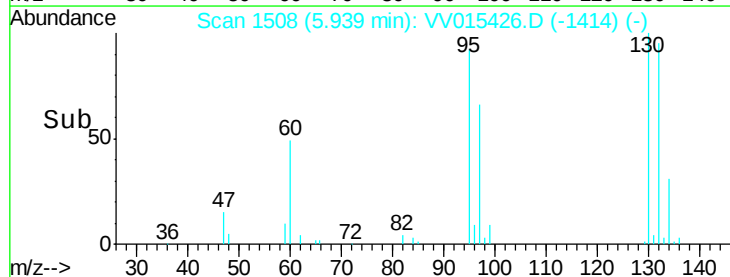
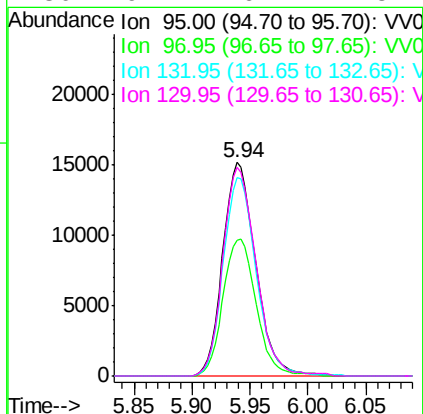
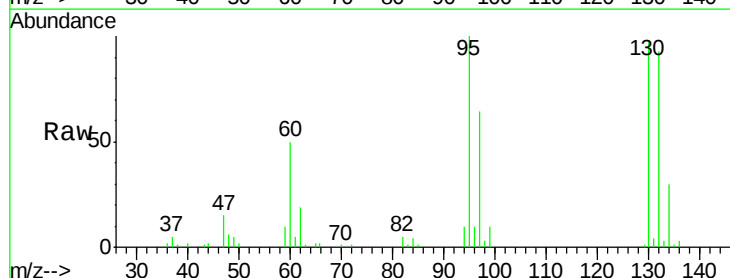
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MSVOA_V
ClientSampled :
C0Y11

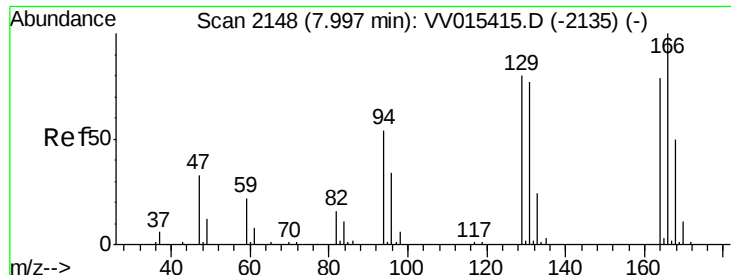
Tot Ion: 83 Resp: 3048
Ion Ratio Lower Upper
83 100
85 59.3 45.9 85.3



#34
Trichloroethene
Concen: 3.235 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015426.D
Acq: 09 Apr 2020 17:52

Tgt Ion: 95 Resp: 29819
Ion Ratio Lower Upper
95 100
97 63.8 45.4 84.4
132 92.7 64.8 120.4
130 97.4 67.4 125.2





#47

Tetrachloroethene

Concen: 5.592 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015426.D

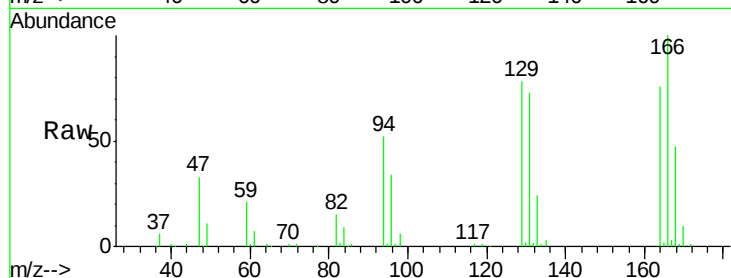
Acq: 09 Apr 2020 17:52

Instrument :

MSVOA_V

ClientSampleId :

C0Y11



Tot Ion:164 Resp: 38189

Ion Ratio Lower Upper

164 100

129 102.3 70.6 131.0

131 95.8 68.3 126.8

166 131.1 88.3 163.9

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

