

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012920\
 Data File : VW014799.D
 Acq On : 29 Jan 2020 17:10
 Operator : SY/VA
 Sample : L1303-06
 Misc : 5.56G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AF1

Quant Time: Jan 30 07:45:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 30 07:05:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1051962	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	937413	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	396959	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	400775	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.20%
7) Chloroethane-d5	2.89	69	340865	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.32%
10) 1,1-Dichloroethene-d2	4.02	63	573089	19.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.04%
20) 2-Butanone-d5	7.07	46	150443	31.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.60%
24) Chloroform-d	7.65	84	655529	22.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.32%
26) 1,2-Dichloroethane-d4	8.30	65	334820	21.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.64%
29) Benzene-d6	8.27	84	1388630	23.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.16%
33) 1,2-Dichloropropane-d6	9.27	67	438368	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.60%
37) Toluene-d8	10.32	98	1210945	23.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.16%
38) trans-1,3-Dichloropropene-	10.57	79	155450	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.08%
39) 2-Hexanone-d5	10.92	63	118645	34.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	264672	18.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	375424	24.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.52%

Target Compounds

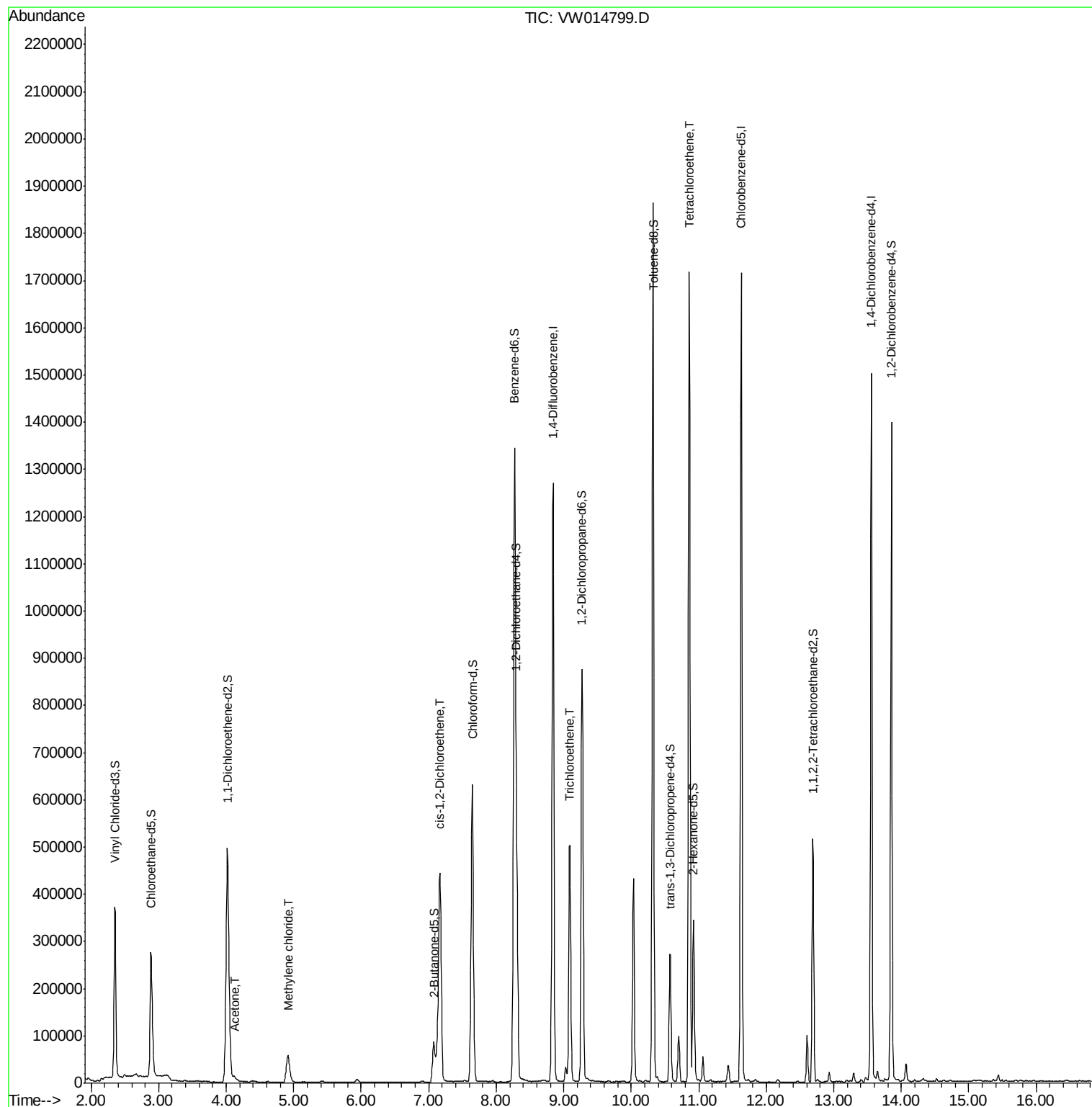
					Ovalue
13) Acetone	4.13	43	15518	3.062	ug/L 100
16) Methylene chloride	4.91	84	46772	2.631	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	258187	16.621	ug/L 99
35) Trichloroethene	9.09	95	179071	11.741	ug/L 98
47) Tetrachloroethene	10.86	164	394573	32.379	ug/L 98

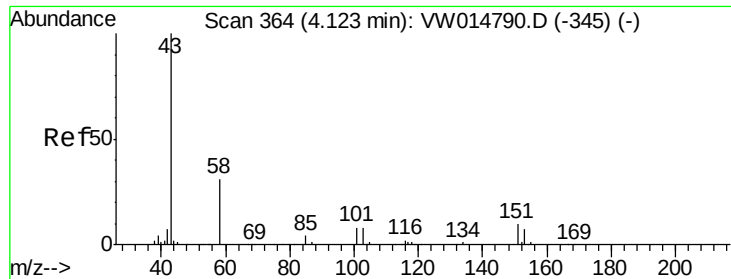
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 30 07:05:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.062 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW014799.D

Acq: 29 Jan 2020 17:10

Instrument :

MSVOA_W

ClientSampled :

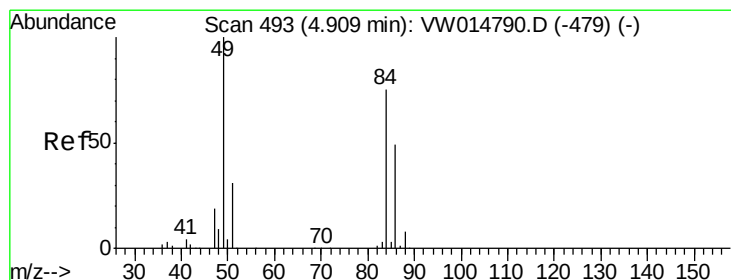
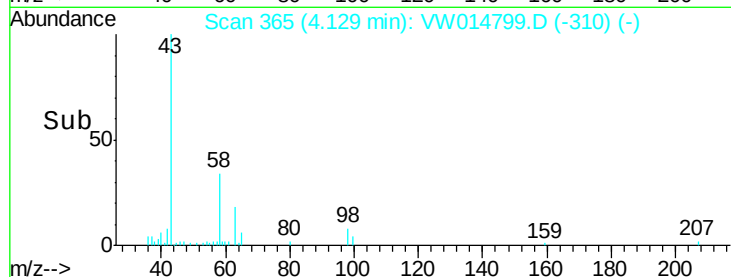
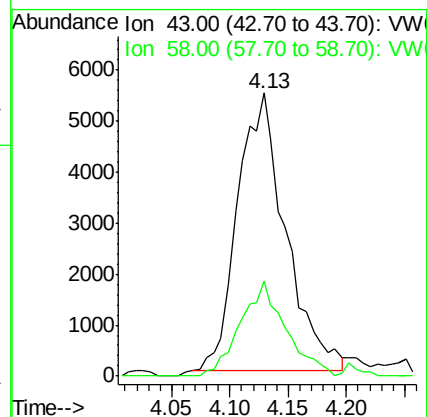
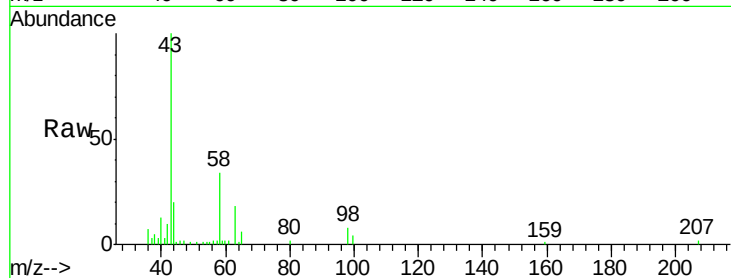
C0AF1

Tot Ion: 43 Resp: 15518

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.6



#16

Methylene chloride

Concen: 2.631 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW014799.D

Acq: 29 Jan 2020 17:10

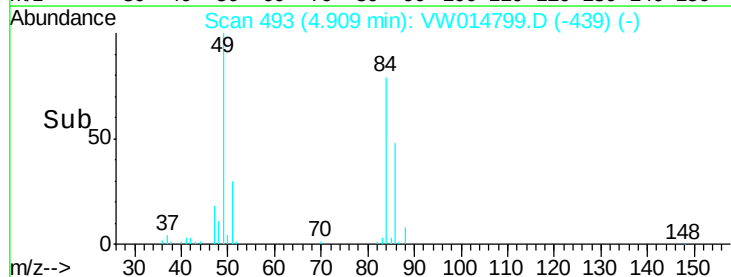
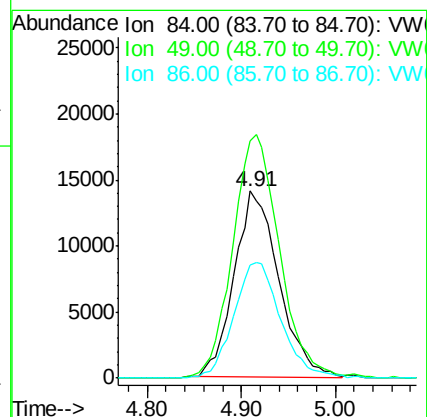
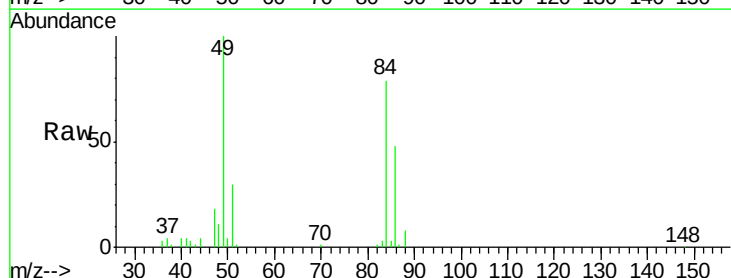
Tgt Ion: 84 Resp: 46772

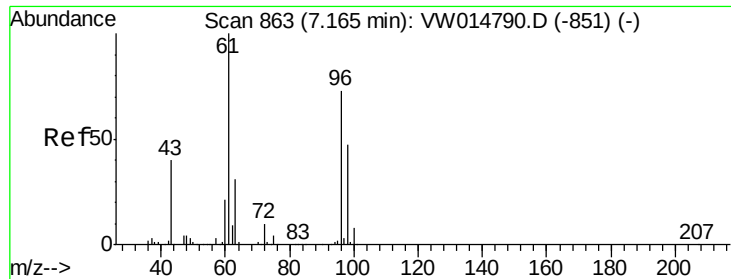
Ion Ratio Lower Upper

84 100

49 126.8 90.9 168.7

86 60.5 43.5 80.7



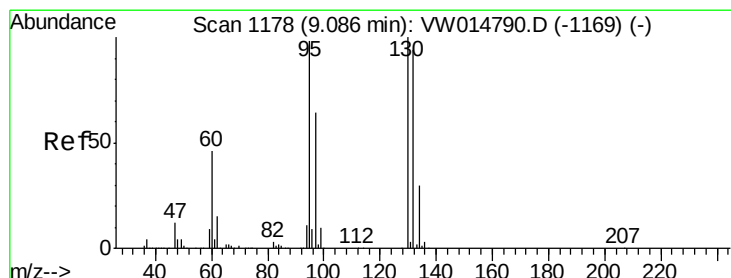
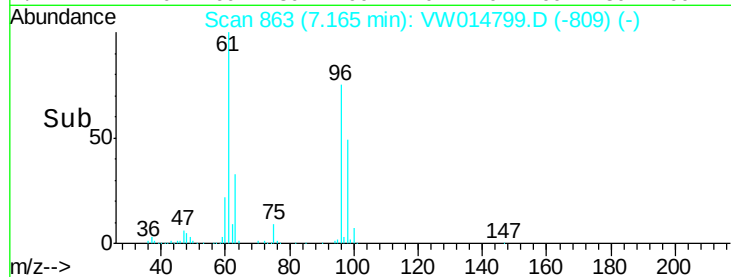
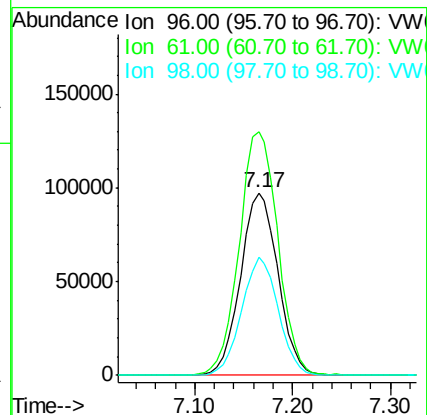
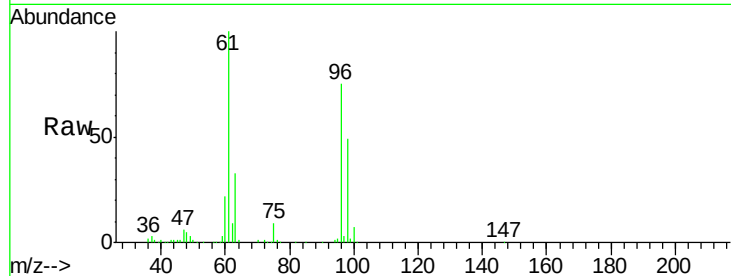


#22

cis-1,2-Dichloroethene
Concen: 16.621 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014799.D
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Instrument :
MSVOA_W
ClientSampleId :
C0AF1

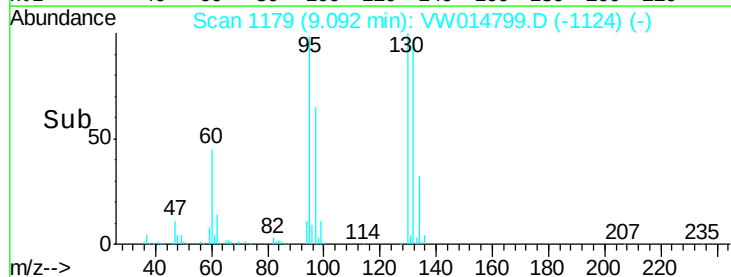
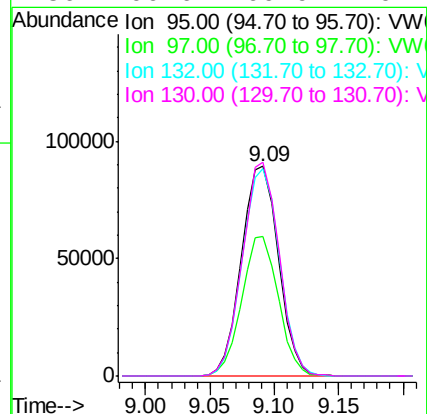
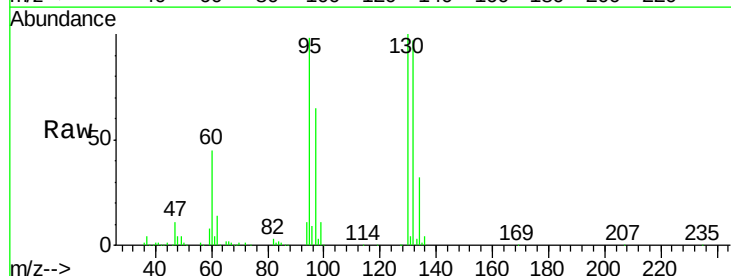
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.6	94.1	174.7
98	64.8	44.9	83.3

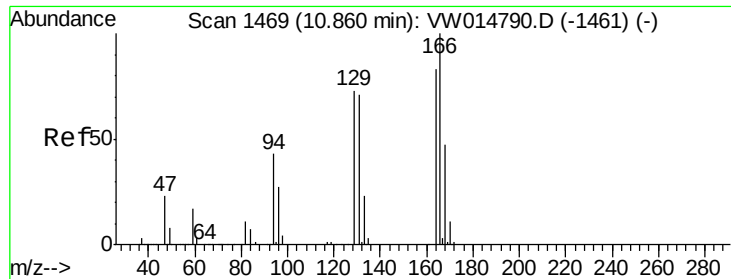


#35

Trichloroethene
Concen: 11.741 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW014799.D
Acq: 29 Jan 2020 17:10

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.3	82.3
132	99.0	67.1	124.7
130	100.6	69.9	129.7





#47

Tetrachloroethene

Concen: 32.379 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014799.D

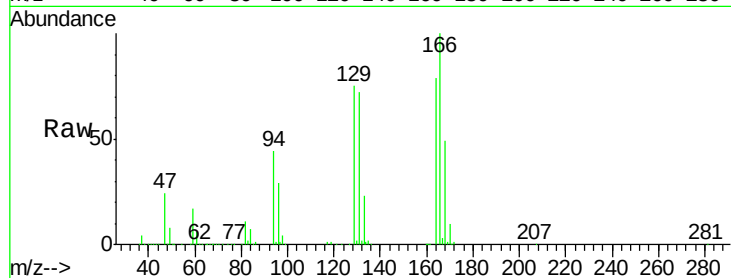
Acq: 29 Jan 2020 17:10

Instrument :

MSVOA_W

ClientSampleId :

C0AF1



Tot Ion:164 Resp: 394573

Ion Ratio Lower Upper

164 100

129 94.9 64.4 119.6

131 91.8 61.2 113.6

166 126.6 88.8 165.0

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

