

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013786.D
 Acq On : 29 Oct 2019 12:05
 Operator : SY/VA
 Sample : K5552-01
 Misc : 4.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ74

Quant Time: Oct 30 06:15:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 06:58:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	295878	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	271982	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	124156	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101764	28.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.12%
7) Chloroethane-d5	2.89	69	81695	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.44%
10) 1,1-Dichloroethene-d2	4.02	63	154935	19.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.28%
20) 2-Butanone-d5	7.07	46	82168	63.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.58%
24) Chloroform-d	7.65	84	213687	25.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.24%
26) 1,2-Dichloroethane-d4	8.31	65	122523	28.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.20%
29) Benzene-d6	8.27	84	448994	27.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.92%
33) 1,2-Dichloropropane-d6	9.27	67	140724	28.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.32%
37) Toluene-d8	10.32	98	401134	26.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.48%
38) trans-1,3-Dichloropropene-	10.57	79	61130	27.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.08%
39) 2-Hexanone-d5	10.92	63	69700	74.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.42%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	125552	31.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.64%#
61) 1,2-Dichlorobenzene-d4	13.85	152	113429	25.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.40%

Target Compounds

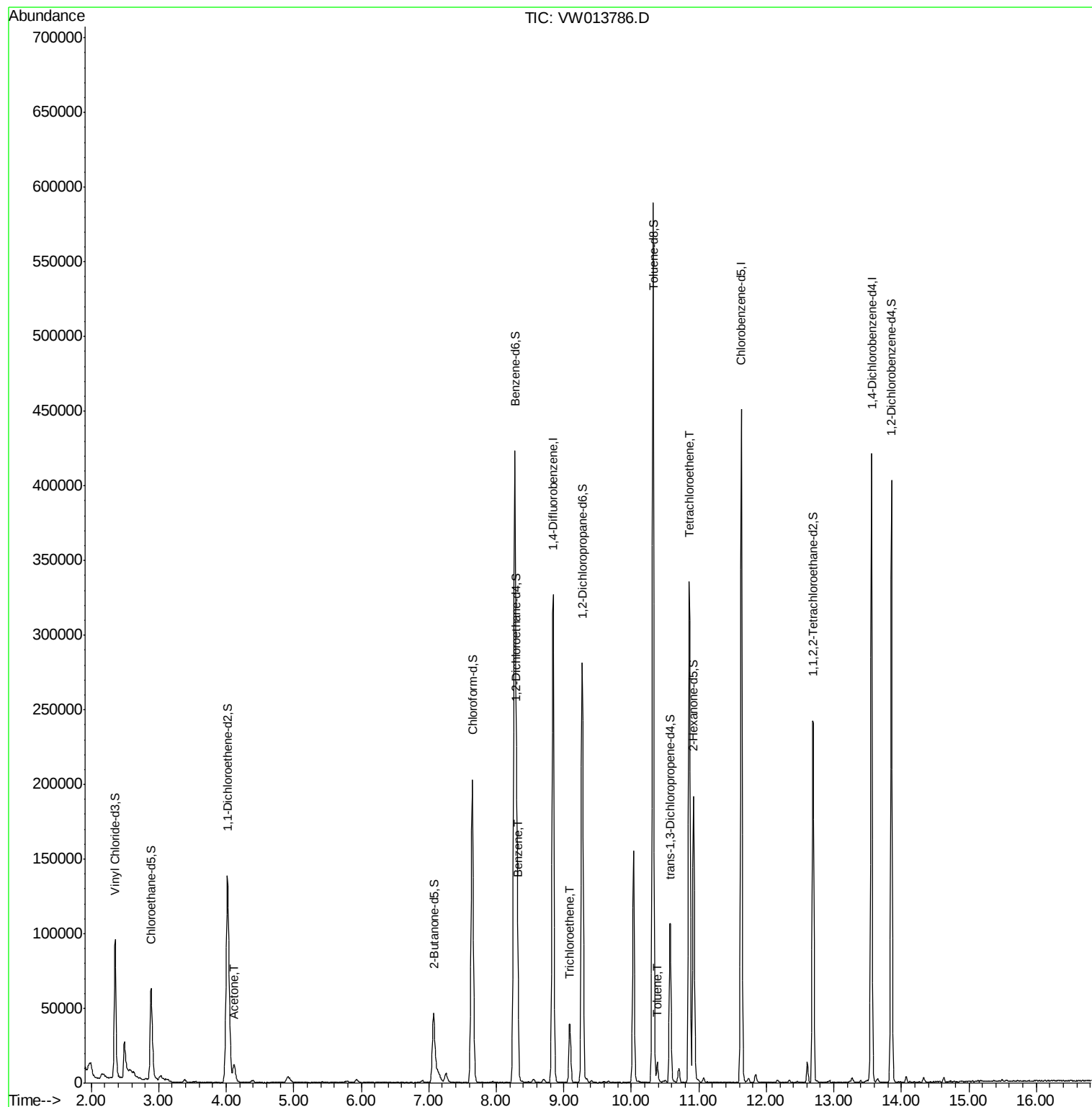
					Ovalue
13) Acetone	4.12	43	20942	14.533	ug/L 92
34) Benzene	8.32	78	8248	0.423	ug/L 100
35) Trichloroethene	9.09	95	14092	2.814	ug/L 98
44) Toluene	10.39	91	9368	0.447	ug/L 94
47) Tetrachloroethene	10.86	164	85902	18.743	ug/L 97

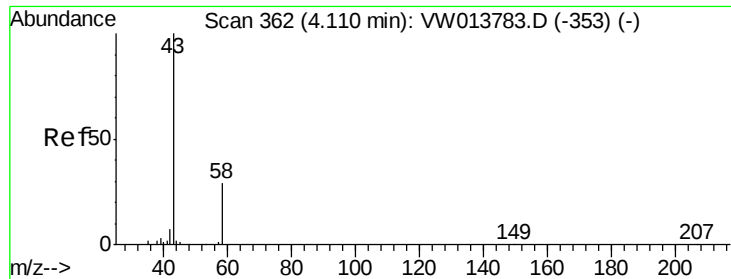
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration





#13

Acetone

Concen: 14.533 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW013786.D

Acq: 29 Oct 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

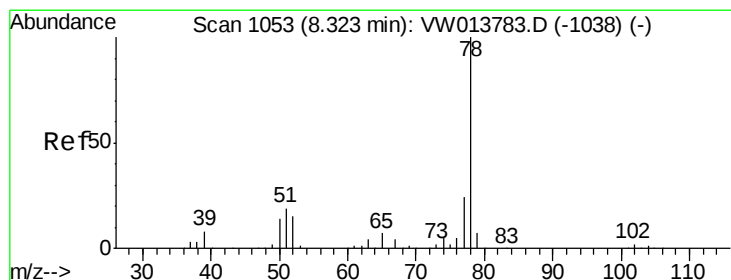
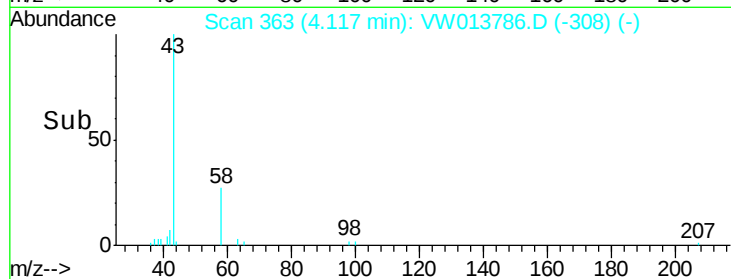
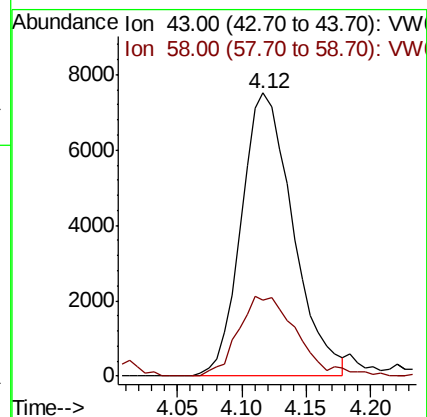
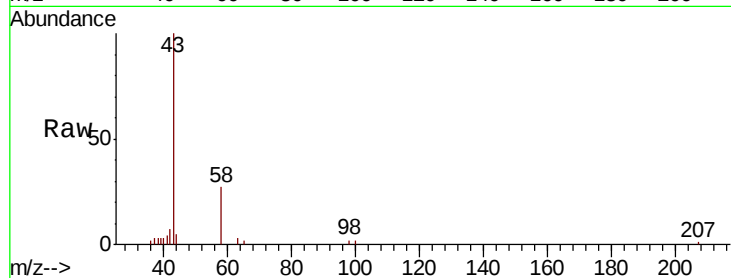
GAQ74

Tot Ion: 43 Resp: 20942

Ion Ratio Lower Upper

43 100

58 30.5 0.0 70.4



#34

Benzene

Concen: 0.423 ug/L

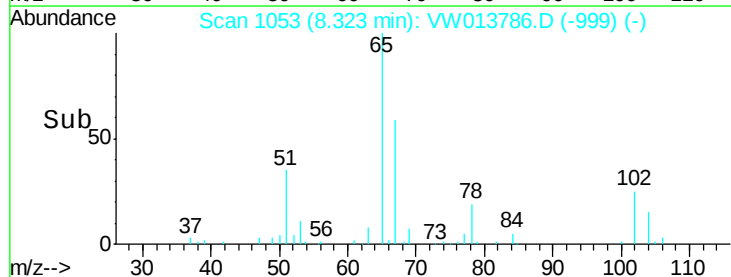
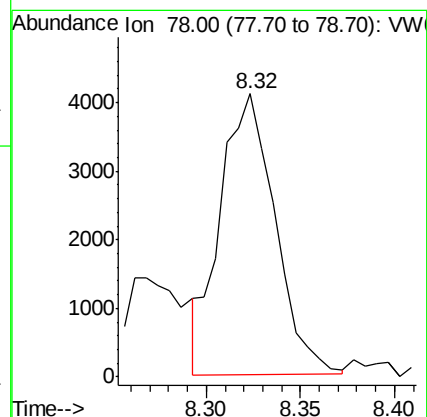
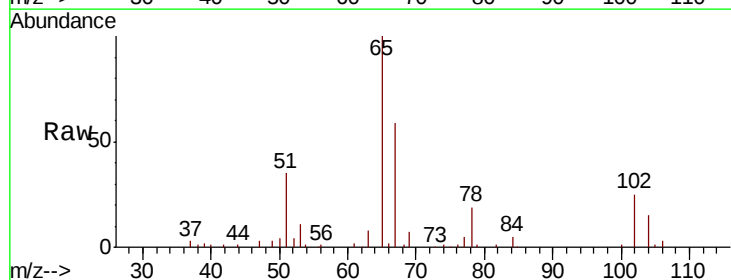
RT: 8.32 min Scan# 1053

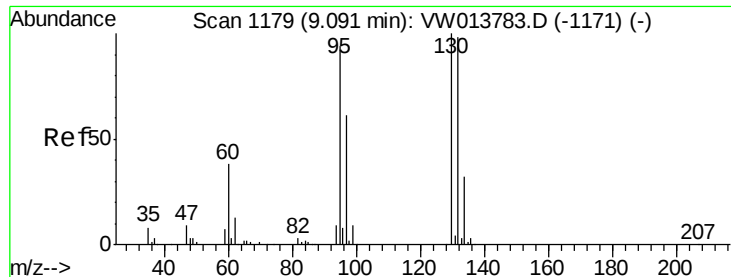
Delta R.T. 0.00 min

Lab File: VW013786.D

Acq: 29 Oct 2019 12:05

Tgt Ion: 78 Resp: 8248

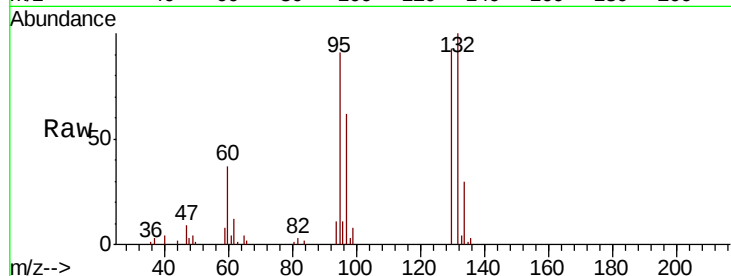




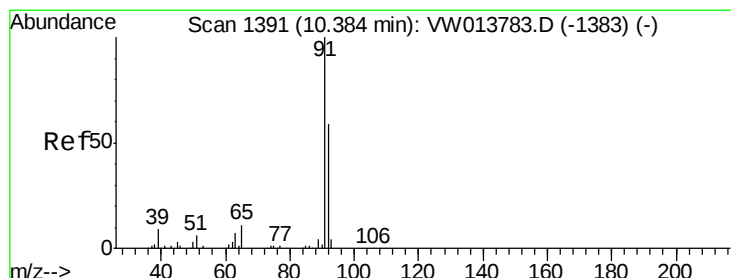
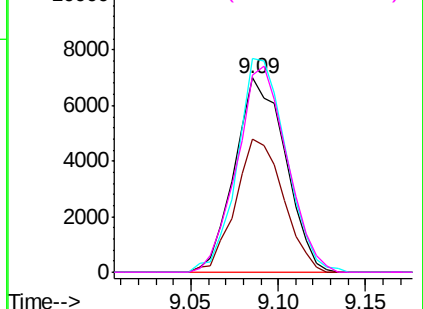
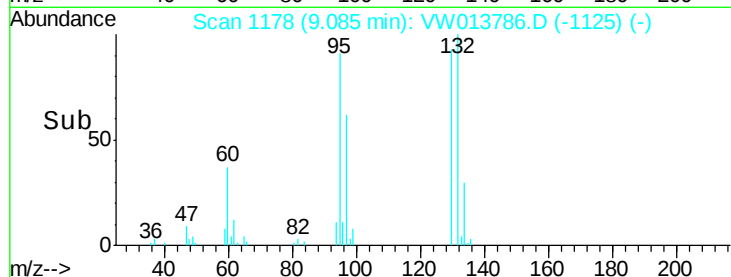
#35
 Trichloroethene
 Concen: 2.814 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: VW013786.D
 Acq: 29 Oct 2019 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ74

Tot Ion: 95 Resp: 14092
 Ion Ratio Lower Upper
 95 100
 97 65.1 45.8 85.2
 132 106.4 74.3 138.1
 130 105.0 76.6 142.3

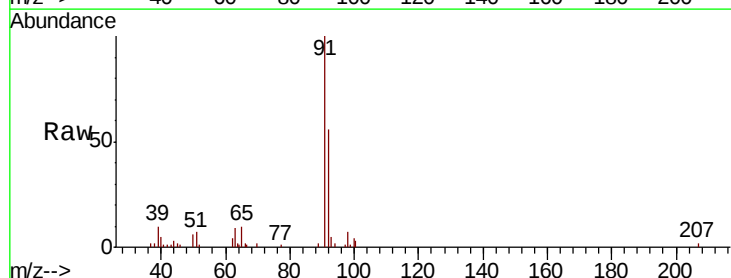


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

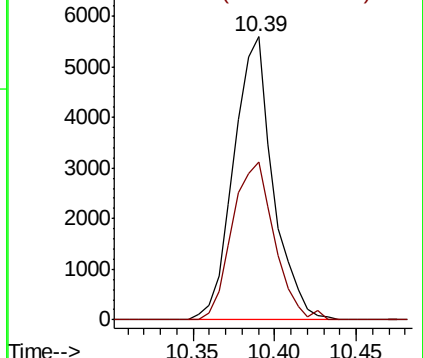
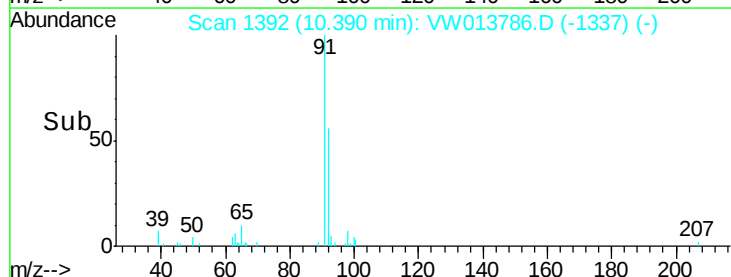


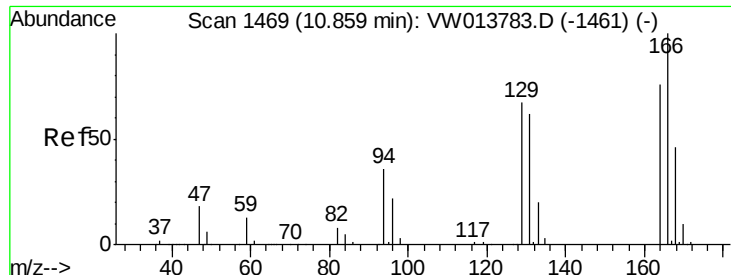
#44
 Toluene
 Concen: 0.447 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW013786.D
 Acq: 29 Oct 2019 12:05

Tgt Ion: 91 Resp: 9368
 Ion Ratio Lower Upper
 91 100
 92 55.8 42.0 78.0



Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 92.00 (91.70 to 92.70): VW





#47

Tetrachloroethene

Concen: 18.743 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013786.D

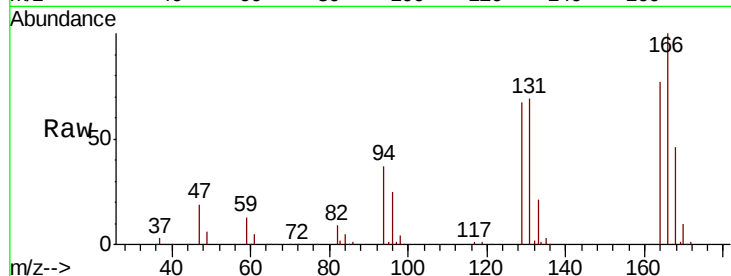
Acq: 29 Oct 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

GAQ74



Tot Ion:164 Resp: 85902

Ion Ratio Lower Upper

164 100

129 87.0 61.8 114.8

131 89.5 59.2 110.0

166 129.9 89.2 165.8

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

