

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
 Data File : VV013792.D
 Acq On : 26 Nov 2019 17:40
 Operator : SY/MD
 Sample : K5993-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GARD8

Quant Time: Nov 27 03:25:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 03:09:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	331460	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	336419	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	137098	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85848	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	82148	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.13	63	134310	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.96	46	224361	52.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.22%
24) Chloroform-d	4.40	84	176253	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.08	65	101768	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.09	84	380696	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.11	67	118353	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.36	98	310954	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	7.66	79	40747	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	170014	45.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89070	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	126239	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

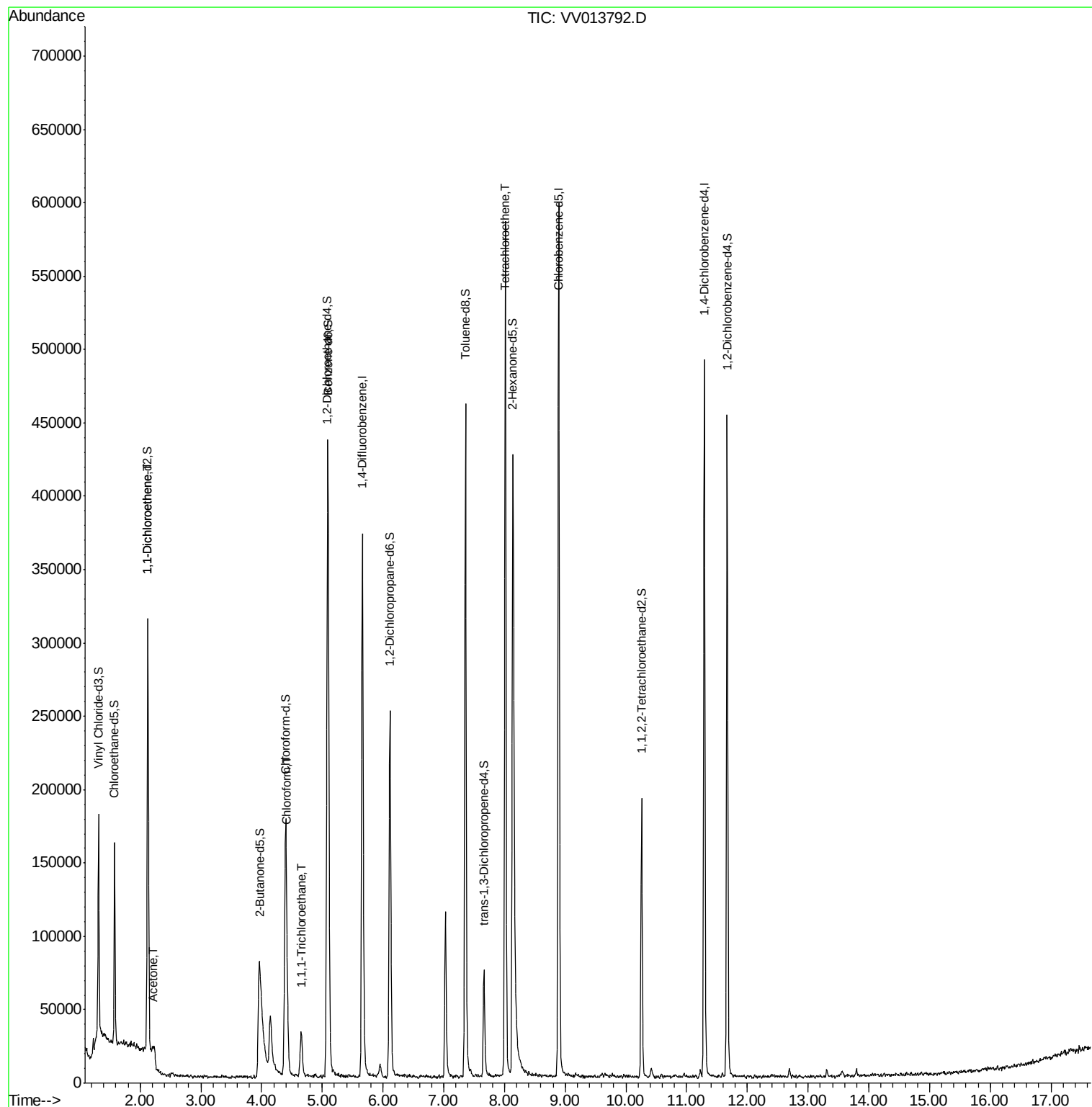
					Ovalue
12) 1,1-Dichloroethene	2.14	96	26860	1.685 ug/L #	43
13) Acetone	2.23	43	4127	1.384 ug/L #	61
25) Chloroform	4.42	83	30793	0.809 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	23540	0.684 ug/L	99
47) Tetrachloroethene	8.01	164	136855	6.923 ug/L	97

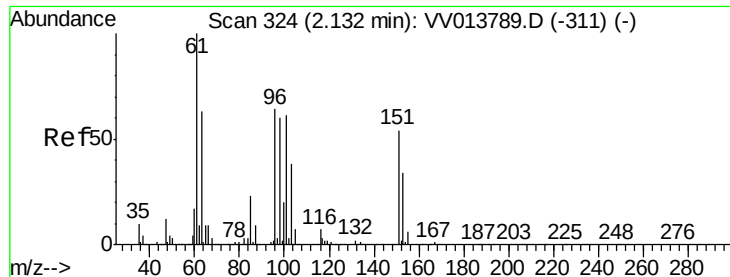
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.685 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV013792.D

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Instrument :

MSVOA_V

ClientSampleId :

GARD8

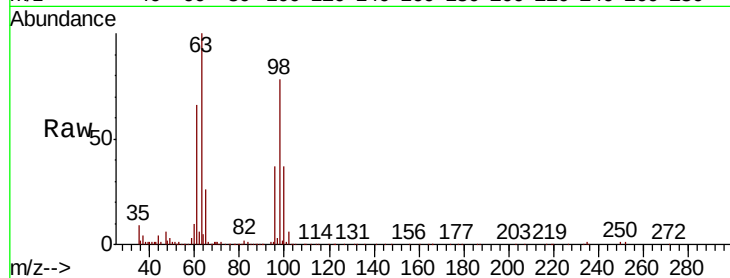
Tot Ion: 96 Resp: 26860

Ion Ratio Lower Upper

96 100

61 181.0 116.3 215.9

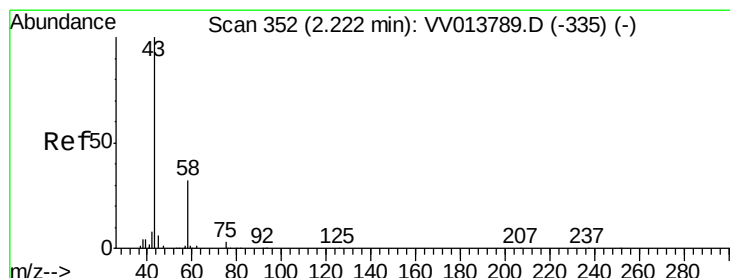
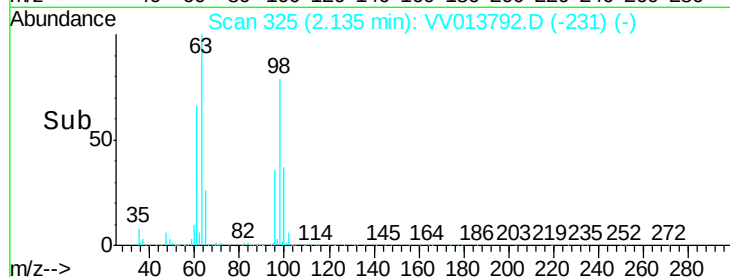
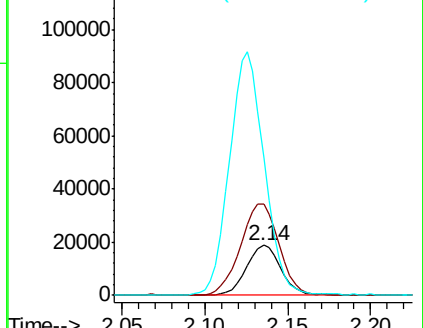
63 272.8 96.7 179.7#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 1.384 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.00 min

Lab File: VV013792.D

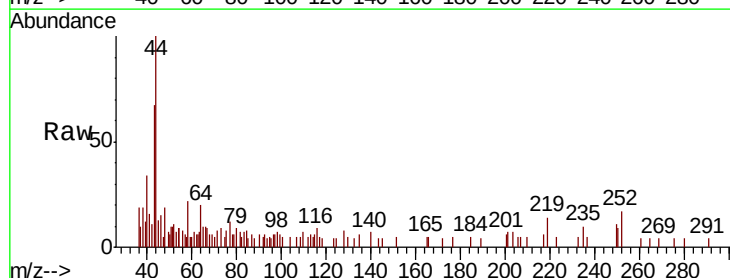
Acq: 26 Nov 2019 17:40

Tgt Ion: 43 Resp: 4127

Ion Ratio Lower Upper

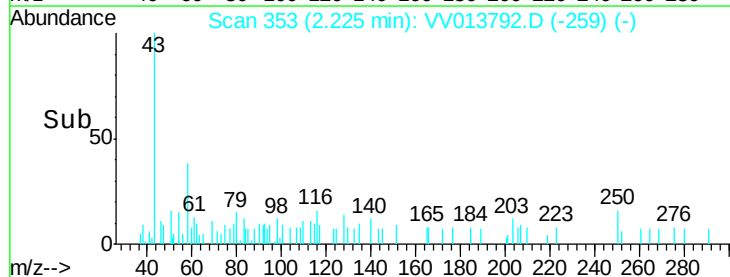
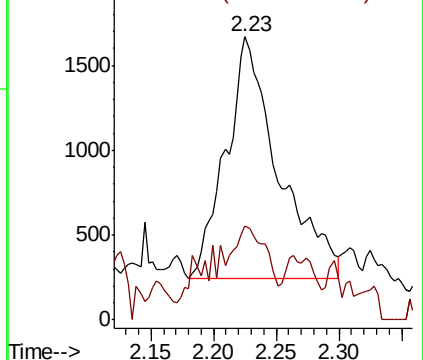
43 100

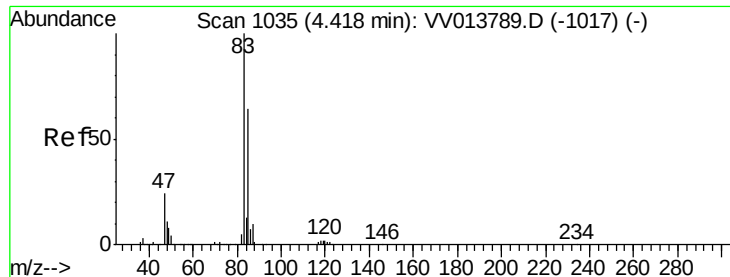
58 29.4 0.0 27.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

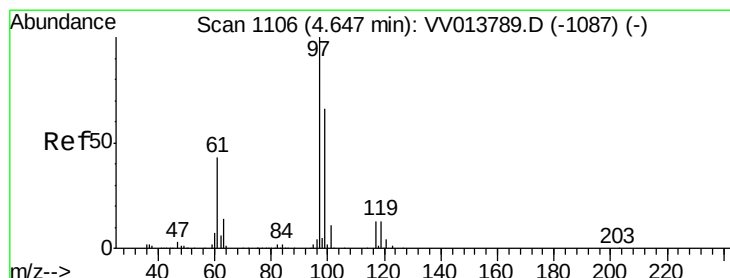
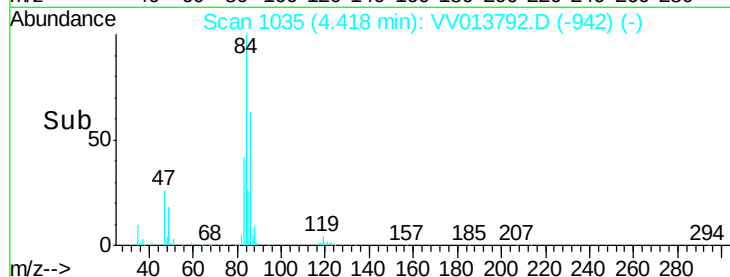
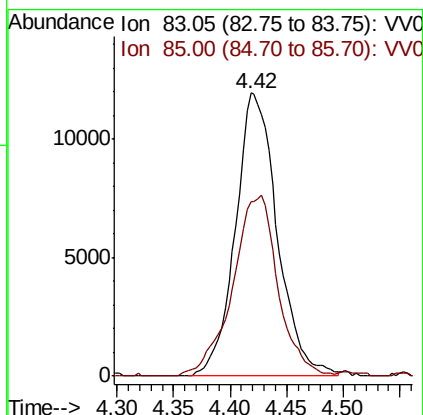
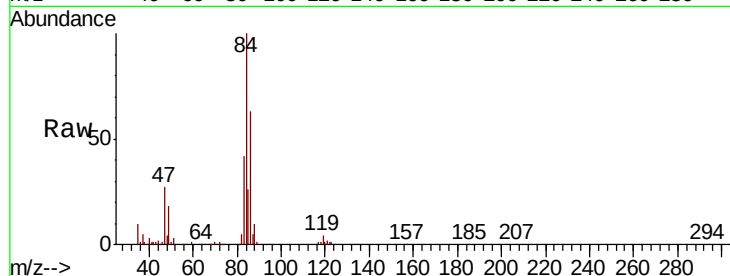




#25
Chloroform
Concen: 0.809 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV013792.D
Acq: 26 Nov 2019 17:40

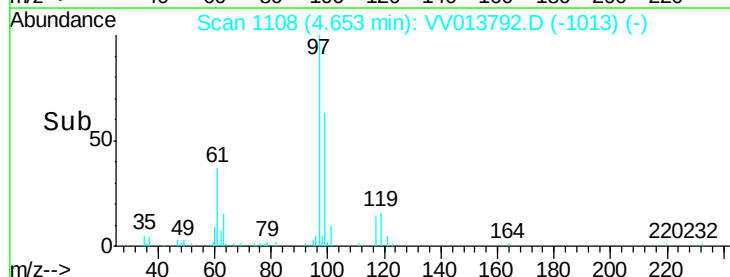
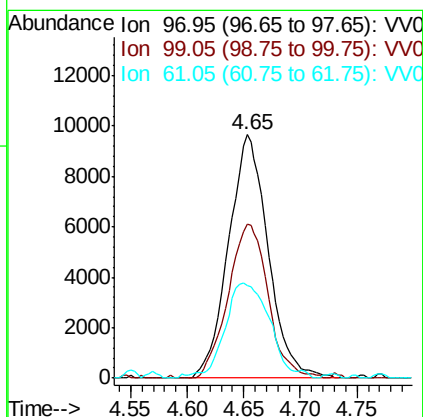
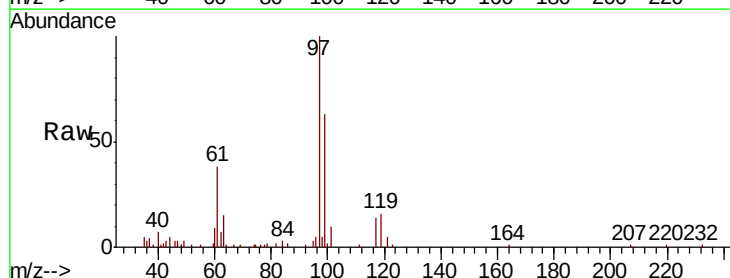
Instrument :
MSVOA_V
ClientSampled :
GARD8

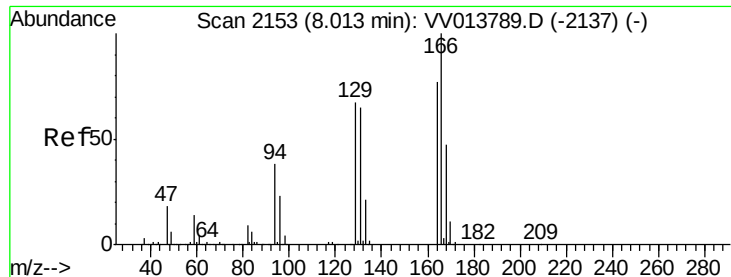
Tot Ion: 83 Resp: 30793
Ion Ratio Lower Upper
83 100
85 61.9 45.1 83.7



#29
1,1,1-Trichloroethane
Concen: 0.684 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VV013792.D
Acq: 26 Nov 2019 17:40

Tgt Ion: 97 Resp: 23540
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 43.7 35.0 52.6





#47

Tetrachloroethene

Concen: 6.923 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VV013792.D

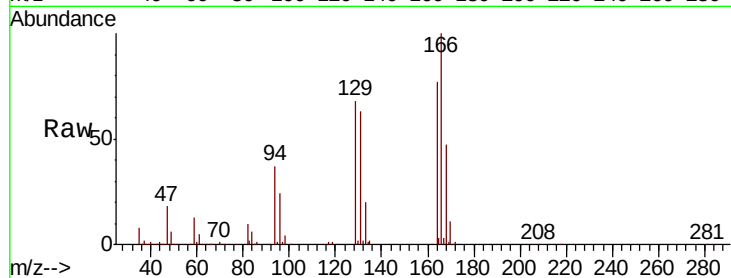
Acq: 26 Nov 2019 17:40

Instrument :

MSVOA_V

ClientSampleId :

GARD8



Tot Ion:164 Resp: 136855

Ion Ratio Lower Upper

164 100

129 88.8 60.3 112.1

131 82.3 59.9 111.3

166 130.2 89.1 165.5

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

