

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082619\
 Data File : VV012400.D
 Acq On : 26 Aug 2019 14:00
 Operator : SY/MD
 Sample : K4500-06DL 4X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANK0DL

Quant Time: Aug 27 03:41:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 27 02:19:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	230573	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	225147	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85375	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51232	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	37869	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.13	63	69861	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.97	46	147280	47.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.84%
24) Chloroform-d	4.40	84	123099	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.08	65	61913	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	246310	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.12	67	78027	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	201807	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	7.67	79	25703	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.14	63	75377	38.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45119	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	69094	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

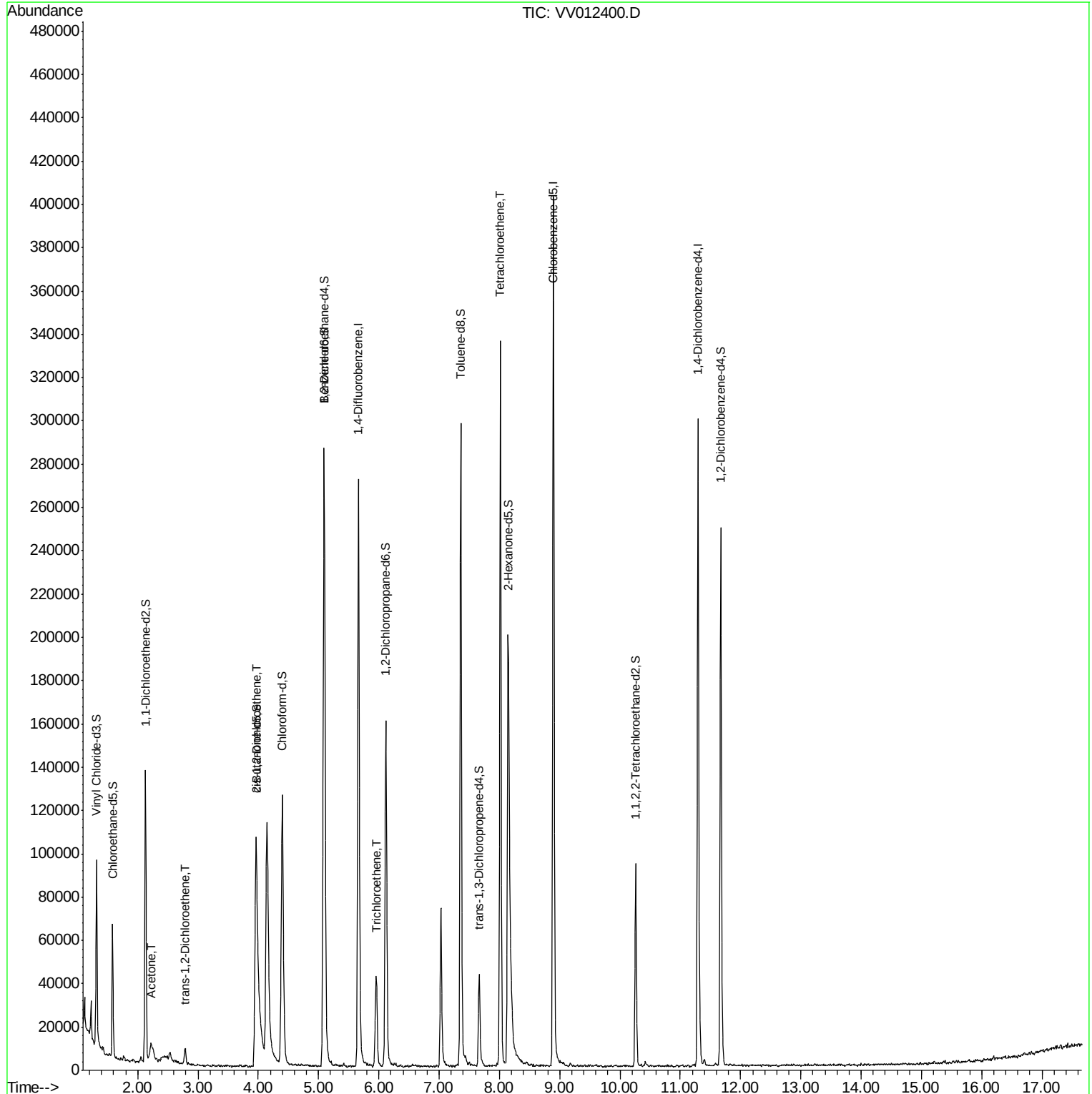
					Ovalue
13) Acetone	2.23	43	18801	13.993	ug/L 94
18) trans-1,2-Dichloroethene	2.78	96	2308	0.168	ug/L 82
22) cis-1,2-Dichloroethene	3.96	96	28846	1.923	ug/L 98
34) Trichloroethene	5.96	95	12915	0.833	ug/L 93
47) Tetrachloroethene	8.02	164	76450	6.115	ug/L 98

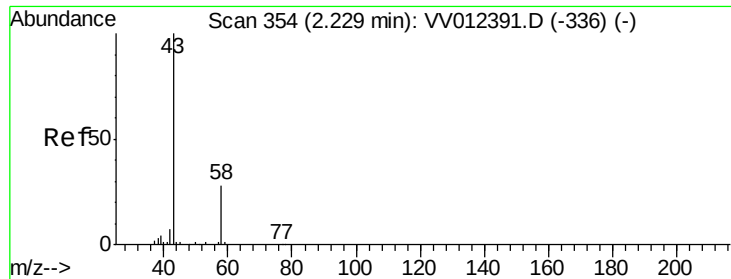
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 27 02:19:39 2019
Response via : Initial Calibration





#13

Acetone

Concen: 13.993 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.00 min

Lab File: VV012400.D

Acq: 26 Aug 2019 14:00

Instrument :

MSVOA_V

ClientSampleId :

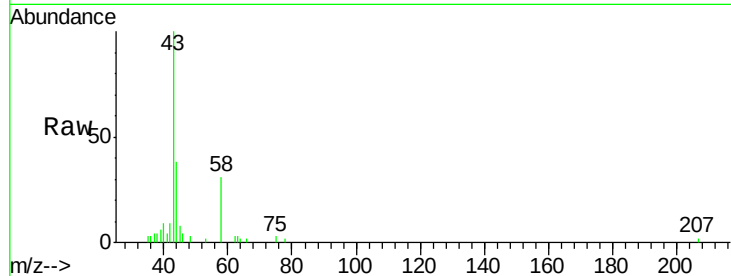
GANK0DL

Tot Ion: 43 Resp: 18801

Ion Ratio Lower Upper

43 100

58 28.1 0.0 62.8

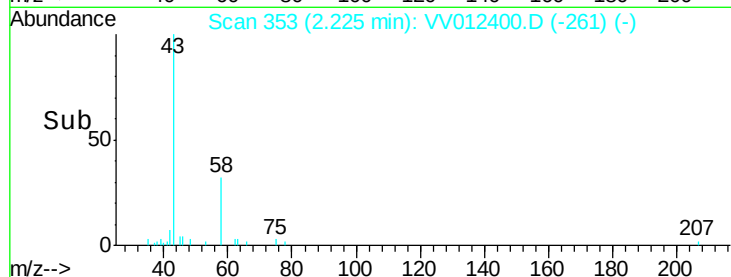


Abundance Ion 43.05 (42.75 to 43.75): VV012391.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV012391.D (-336) (-)

2.23

Time-->

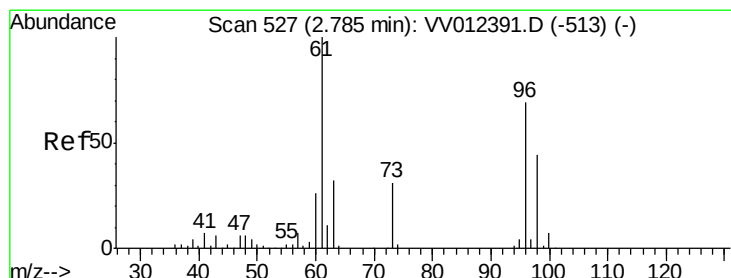


Abundance Ion 43.05 (42.75 to 43.75): VV012400.D (-261) (-)

Ion 58.05 (57.75 to 58.75): VV012400.D (-261) (-)

2.23

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.168 ug/L

RT: 2.78 min Scan# 527

Delta R.T. -0.00 min

Lab File: VV012400.D

Acq: 26 Aug 2019 14:00

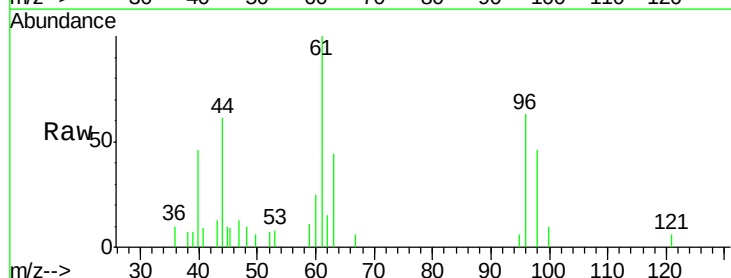
Tgt Ion: 96 Resp: 2308

Ion Ratio Lower Upper

96 100

61 159.2 96.0 178.4

98 72.8 42.1 78.3



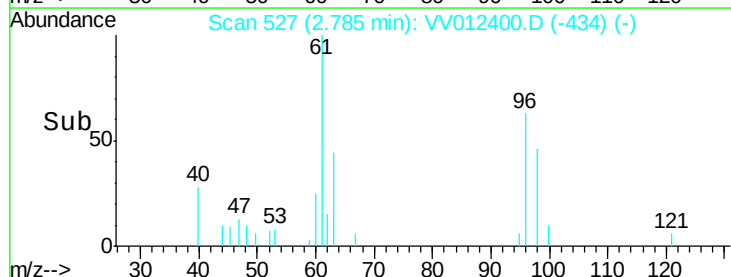
Abundance Ion 96.00 (95.70 to 96.70): VV012391.D (-513) (-)

Ion 61.05 (60.75 to 61.75): VV012391.D (-513) (-)

Ion 97.95 (97.65 to 98.65): VV012391.D (-513) (-)

2.78

Time-->



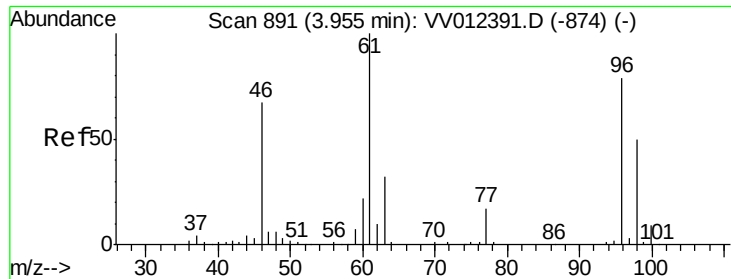
Abundance Ion 96.00 (95.70 to 96.70): VV012400.D (-434) (-)

Ion 61.05 (60.75 to 61.75): VV012400.D (-434) (-)

Ion 97.95 (97.65 to 98.65): VV012400.D (-434) (-)

2.78

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.923 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV012400.D

Acq: 26 Aug 2019 14:00

Instrument :

MSVOA_V

ClientSampleId :

GANK0DL

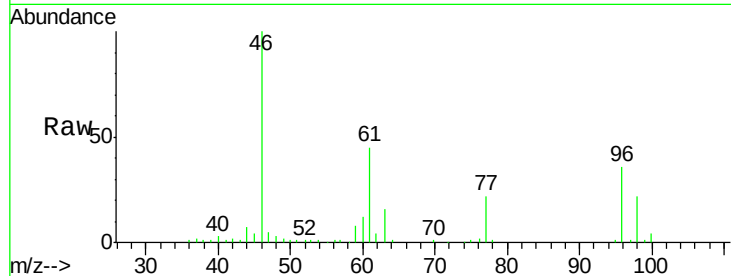
Tot Ion: 96 Resp: 28846

Ion Ratio Lower Upper

96 100

61 125.7 89.4 166.0

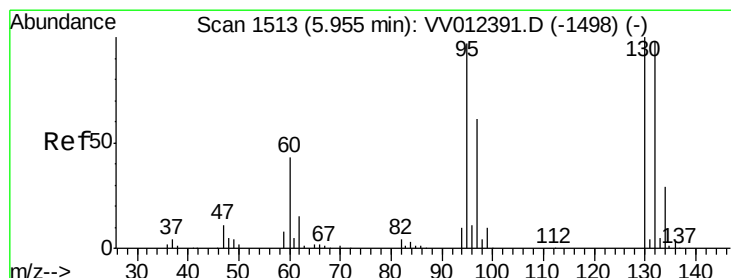
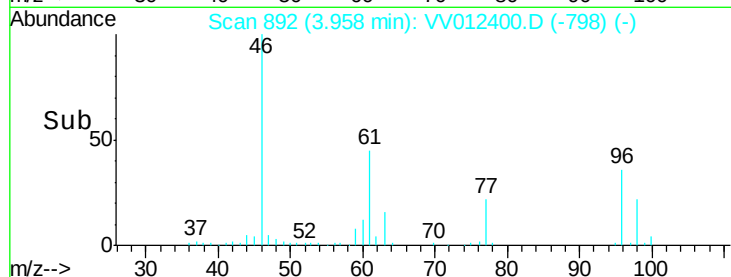
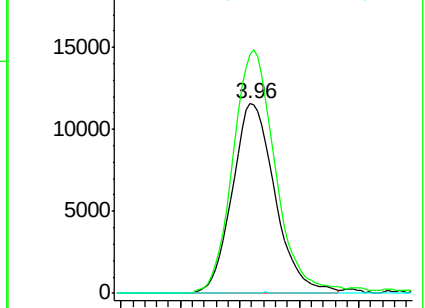
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV012391.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VV012391.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VV012391.D (-874) (-)



#34

Trichloroethene

Concen: 0.833 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012400.D

Acq: 26 Aug 2019 14:00

Tgt Ion: 95 Resp: 12915

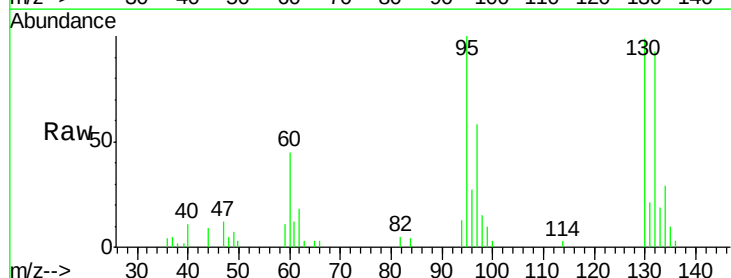
Ion Ratio Lower Upper

95 100

97 58.1 46.3 86.1

132 93.1 70.3 130.7

130 99.0 72.4 134.5

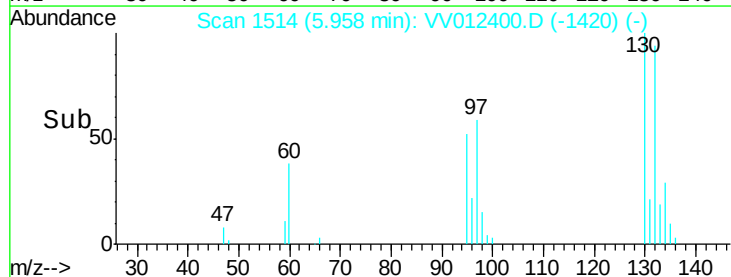
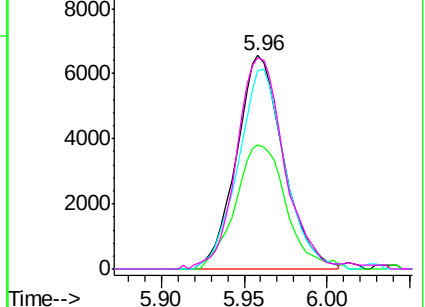


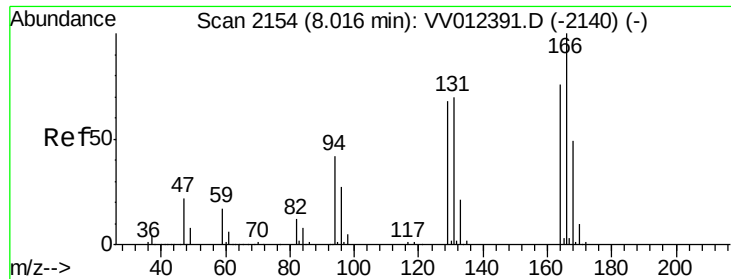
Abundance Ion 95.00 (94.70 to 95.70): VV012391.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV012391.D (-1498) (-)

Ion 131.95 (131.65 to 132.65): VV012391.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV012391.D (-1498) (-)





#47

Tetrachloroethene

Concen: 6.115 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012400.D

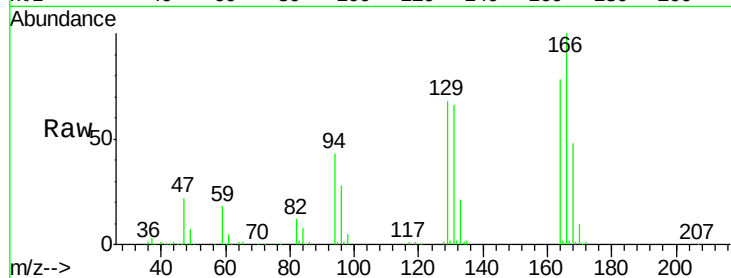
Acq: 26 Aug 2019 14:00

Instrument :

MSVOA_V

ClientSampleId :

GANK0DL



Tot Ion:164 Resp: 76450

Ion Ratio Lower Upper

164 100

129 87.2 60.6 112.6

131 85.3 58.8 109.2

166 128.5 87.6 162.8

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

