

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019602.D
 Acq On : 14 Dec 2020 14:16
 Operator : SY/MD
 Sample : L4928-16DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4N0DL

Quant Time: Dec 15 07:23:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	641140	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	599103	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	278480	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	232963	50.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.34%
7) Chloroethane-d5	1.57	69	197803	54.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.10%
11) 1,1-Dichloroethene-d2	2.11	63	342996	40.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.40%
21) 2-Butanone-d5	3.89	46	281367	112.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.60%
24) Chloroform-d	4.35	84	424943	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.58%
26) 1,2-Dichloroethane-d4	5.04	65	297384	54.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.84%
32) Benzene-d6	5.05	84	862946	54.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.02%
36) 1,2-Dichloropropane-d6	6.07	67	272066	54.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.72%
41) Toluene-d8	7.32	98	762733	53.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.04%
43) trans-1,3-Dichloropropene-	7.62	79	139356	48.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.90%
47) 2-Hexanone-d5	8.09	63	210683	107.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.25%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	353501	52.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.42%
64) 1,2-Dichlorobenzene-d4	11.63	152	278419	53.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.96%

Target Compounds

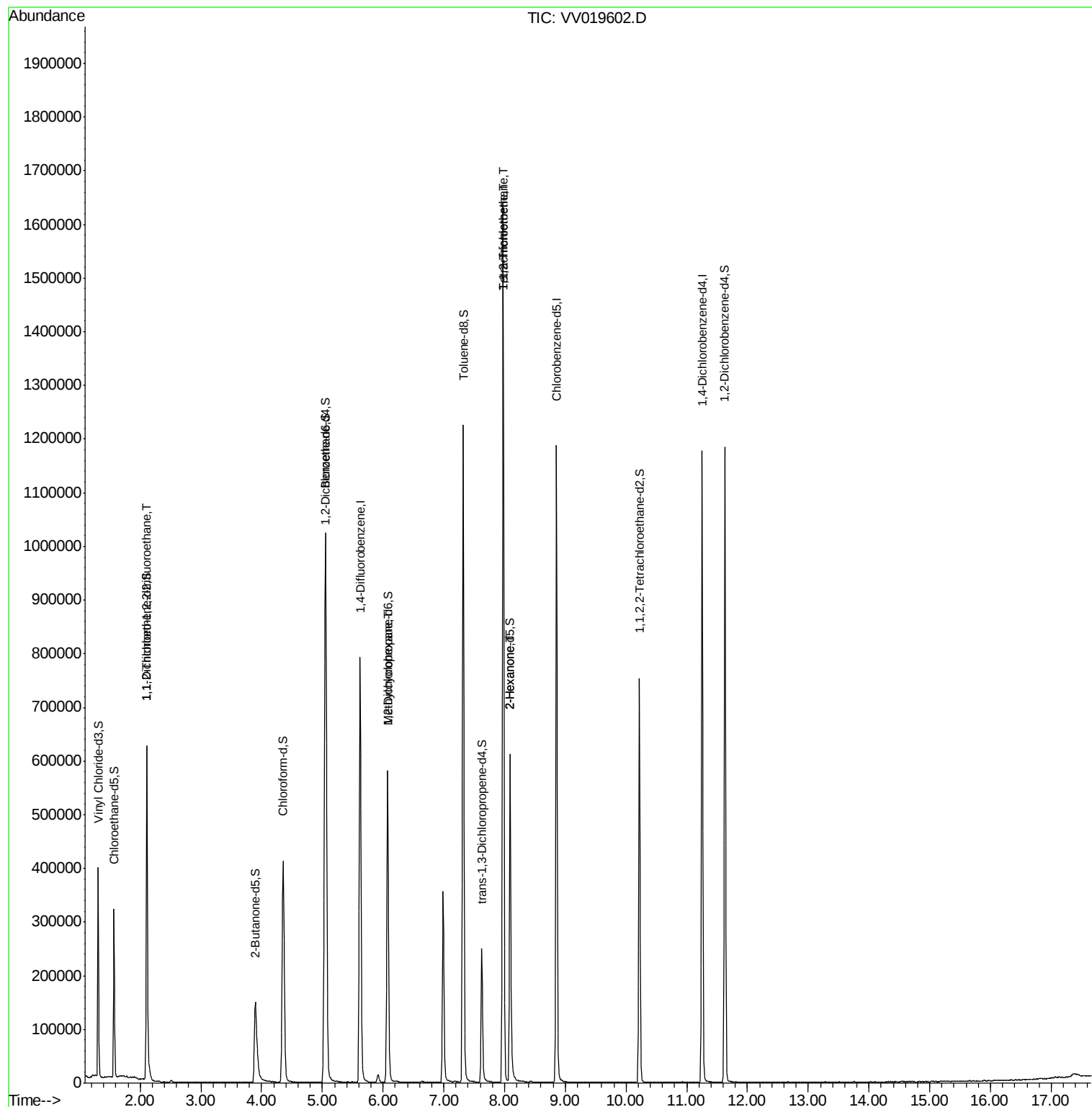
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3083	0.828	ug/L #	24
35) Methylcyclohexane	6.07	83	66322	9.439	ug/L #	18
45) 1,1,2-Trichloroethane	7.98	97	3301	0.760	ug/L #	1
46) Tetrachloroethene	7.98	164	334787	104.605	ug/L	99
48) 2-Hexanone	8.09	43	25185	5.031	ug/L #	67

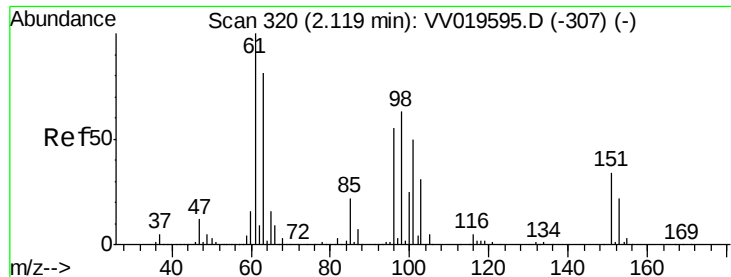
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV121420\
Data File : VV019602.D
Acq On : 14 Dec 2020 14:16
Operator : SY/MD
Sample : L4928-16DL 500X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4N0DL

Quant Time: Dec 15 07:23:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 15 07:21:43 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.828 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019602.D

Acq: 14 Dec 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

BG4N0DL

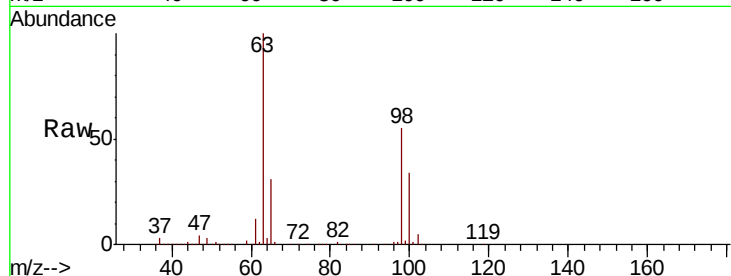
Tot Ion:101 Resp: 3083

Ion Ratio Lower Upper

101 100

85 3.2 35.0 52.4#

151 1.4 55.8 83.8#

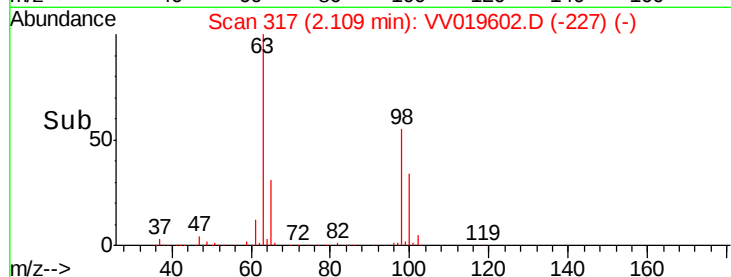


Abundance Ion 101.00 (100.70 to 101.70): VV019595.D (-307) (-)

Ion 85.00 (84.70 to 85.70): VV019595.D (-307) (-)

Ion 151.00 (150.70 to 151.70): VV019595.D (-307) (-)

Time-->

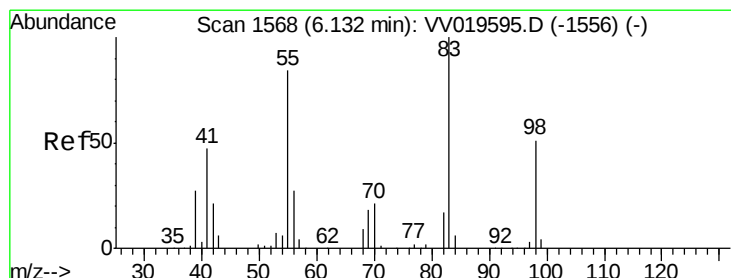


Abundance Ion 101.00 (100.70 to 101.70): VV019602.D (-227) (-)

Ion 85.00 (84.70 to 85.70): VV019602.D (-227) (-)

Ion 151.00 (150.70 to 151.70): VV019602.D (-227) (-)

Time-->



#35

Methylcyclohexane

Concen: 9.439 ug/L

RT: 6.07 min Scan# 1550

Delta R.T. -0.06 min

Lab File: VV019602.D

Acq: 14 Dec 2020 14:16

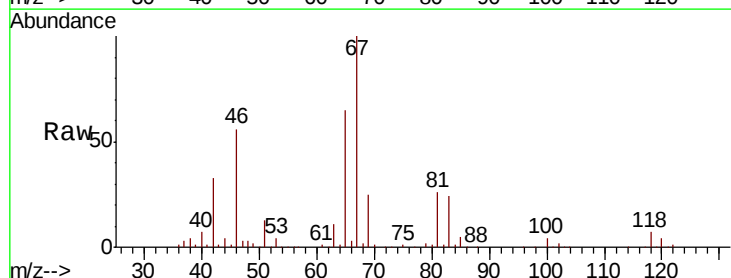
Tgt Ion: 83 Resp: 66322

Ion Ratio Lower Upper

83 100

55 0.8 64.2 96.4#

98 1.3 39.3 58.9#

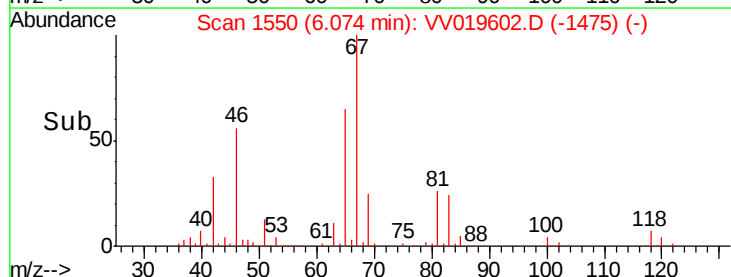


Abundance Ion 83.00 (82.70 to 83.70): VV019595.D (-1556) (-)

Ion 55.00 (54.70 to 55.70): VV019595.D (-1556) (-)

Ion 98.00 (97.70 to 98.70): VV019595.D (-1556) (-)

Time-->

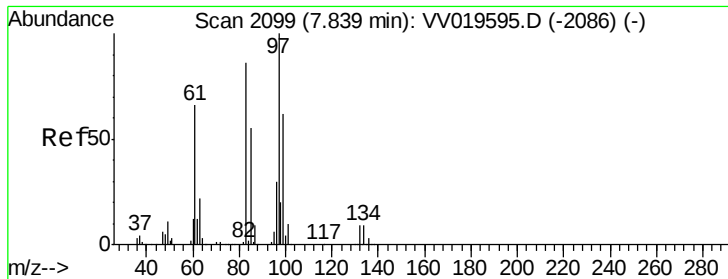


Abundance Ion 83.00 (82.70 to 83.70): VV019602.D (-1475) (-)

Ion 55.00 (54.70 to 55.70): VV019602.D (-1475) (-)

Ion 98.00 (97.70 to 98.70): VV019602.D (-1475) (-)

Time-->



#45

1,1,2-Trichloroethane

Concen: 0.760 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.14 min

Lab File: VV019602.D

Acq: 14 Dec 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

BG4N0DL

Tot Ion: 97 Resp: 3301

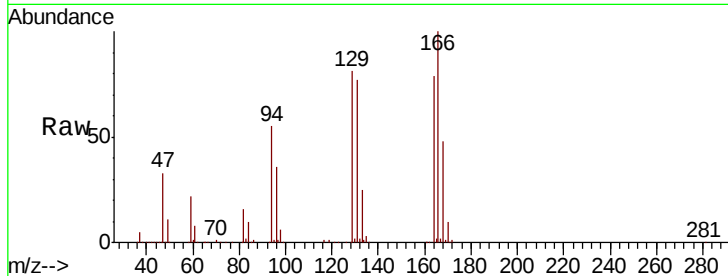
Ion Ratio Lower Upper

97 100

99 17.9 44.1 81.9#

83 252.1 60.0 111.4#

85 43.2 38.6 71.8

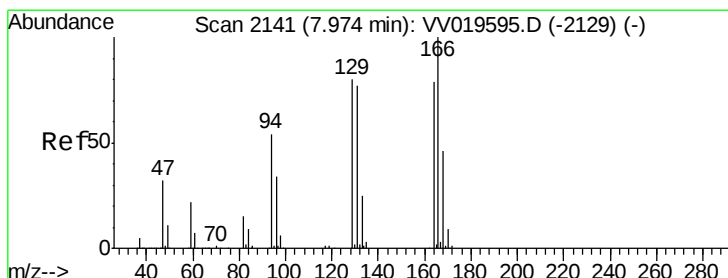
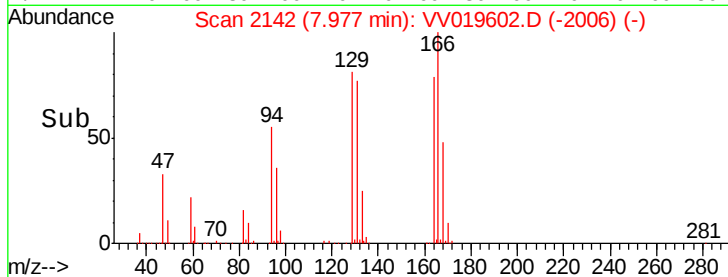
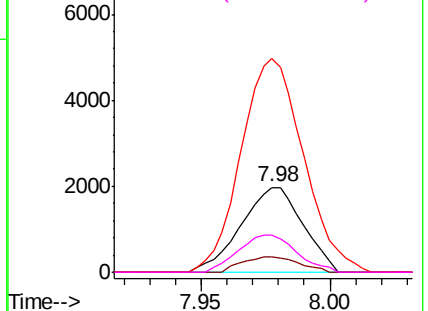


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 104.605 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VV019602.D

Acq: 14 Dec 2020 14:16

Tgt Ion: 164 Resp: 334787

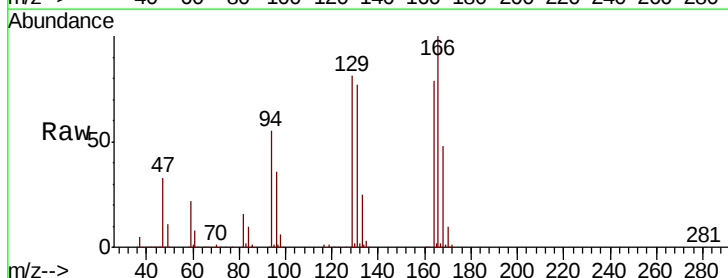
Ion Ratio Lower Upper

164 100

129 102.2 70.6 131.0

131 97.6 68.0 126.4

166 126.0 86.9 161.5

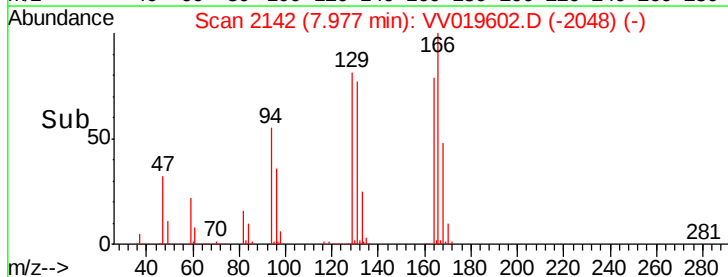
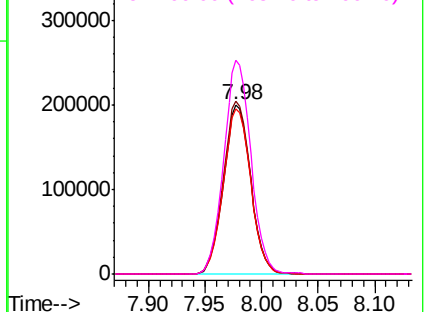


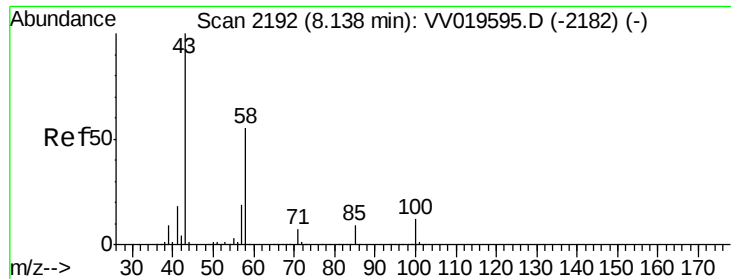
Abundance Ion 164.00 (163.70 to 164.70): V

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





#48

2-Hexanone

Concen: 5.031 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019602.D

Acq: 14 Dec 2020 14:16

Instrument :

MSVOA_V

ClientSampleId :

BG4N0DL

Tot Ion: 43 Resp: 25185

Ion Ratio Lower Upper

43 100

58 25.0 44.4 66.6#

57 22.7 15.7 23.5

100 0.0 9.9 14.9#

