

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071318\
 Data File : VV006609.D
 Acq On : 13 Jul 2018 22:40
 Operator : SY/MD
 Sample : J3983-18
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB198

Quant Time: Jul 14 02:54:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 14 00:30:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	286846	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	263179	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	118935	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88769	5.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.80%
7) Chloroethane-d5	1.58	69	73706	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.13	63	120511	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.00%
20) 2-Butanone-d5	3.95	46	201805	50.94	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.88%
24) Chloroform-d	4.41	84	156804	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.09	65	74849	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.10	84	340503	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
36) 1,2-Dichloropropane-d6	6.12	67	103611	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.36	98	301844	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
43) trans-1,3-Dichloropropene-	7.67	79	32436	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.14	63	182138	54.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.22%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78468	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	113602	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

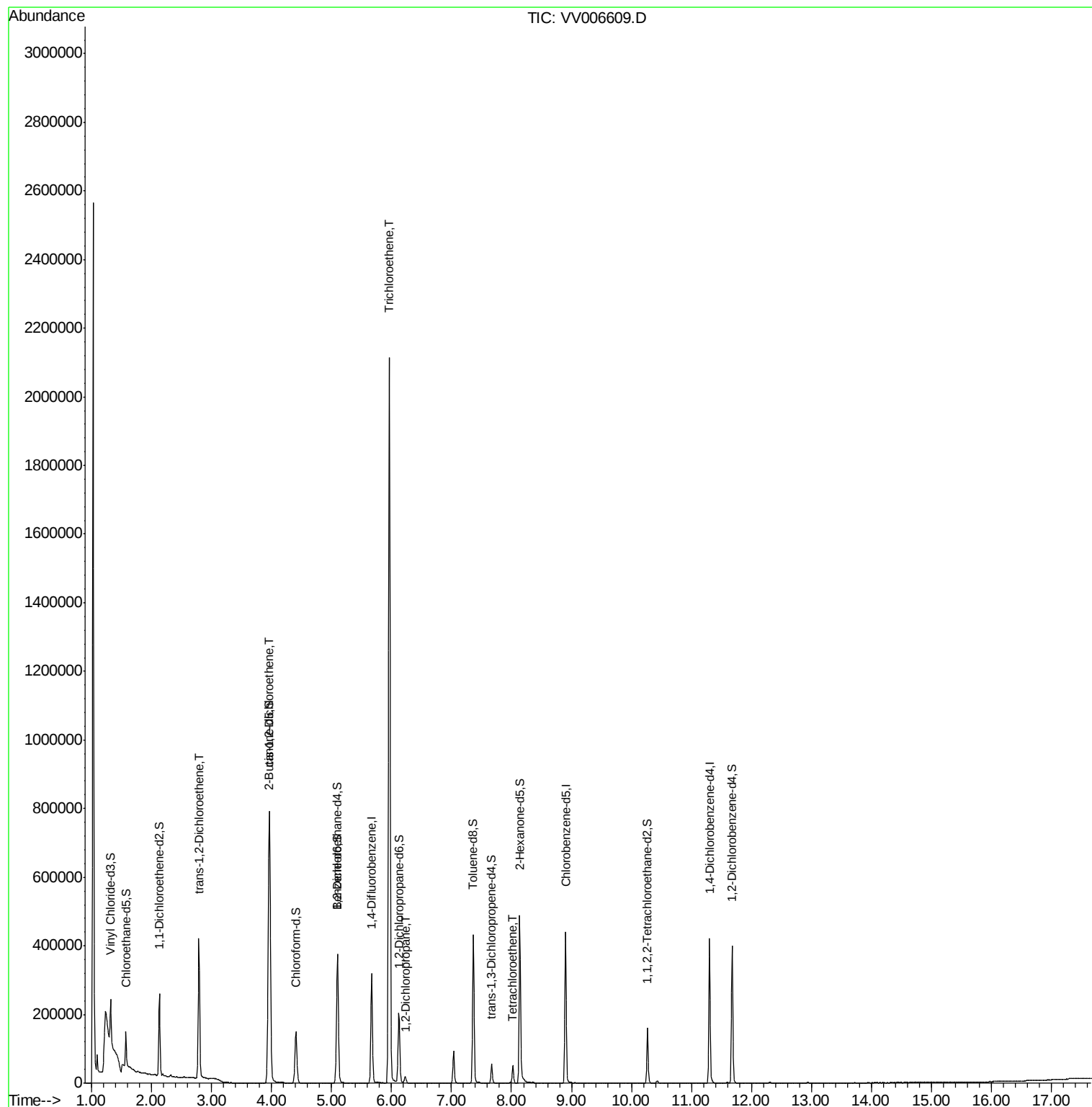
						Ovalue
18) trans-1,2-Dichloroethene	2.79	96	158891	8.11	ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	434396	20.64	ug/L	95
34) Trichloroethene	5.96	95	738081	36.63	ug/L	97
37) 1,2-Dichloropropane	6.23	63	6621	0.34	ug/L #	94
47) Tetrachloroethene	8.02	164	12583	0.76	ug/L	95

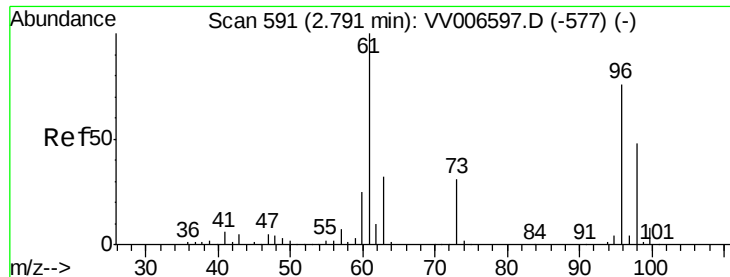
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#18

trans-1,2-Dichloroethene

Concen: 8.11 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006609.D

Acq: 13 Jul 2018 22:40

Instrument :

MSVOA_V

ClientSampleId :

DB198

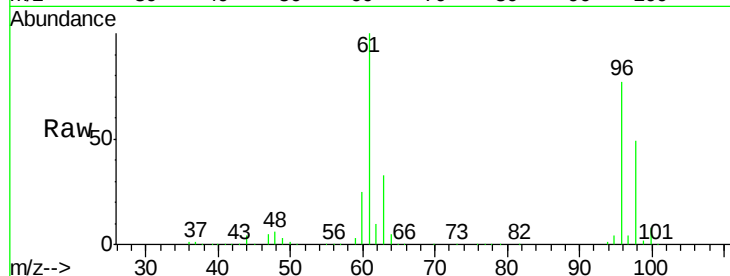
Tot Ion: 96 Resp: 158891

Ion Ratio Lower Upper

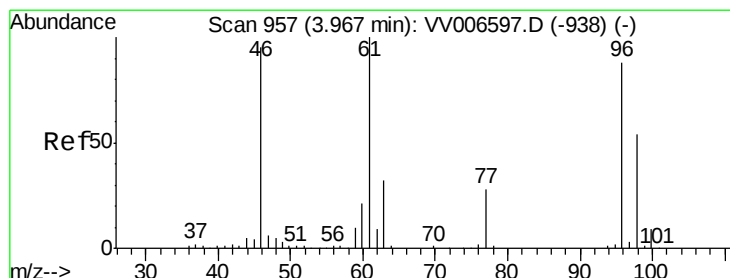
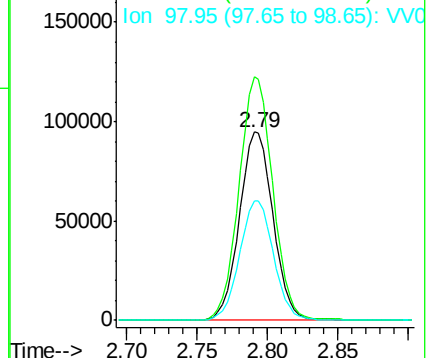
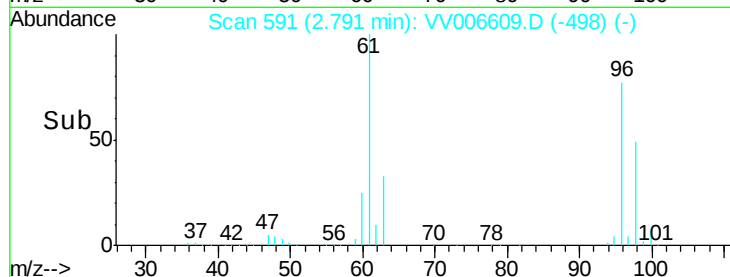
96 100

61 129.3 96.5 179.3

98 63.1 45.1 83.7



Abundance Ion 96.00 (95.70 to 96.70): VV006609.D (-498) (-)



#22

cis-1,2-Dichloroethene

Concen: 20.64 ug/L

RT: 3.97 min Scan# 957

Delta R.T. -0.00 min

Lab File: VV006609.D

Acq: 13 Jul 2018 22:40

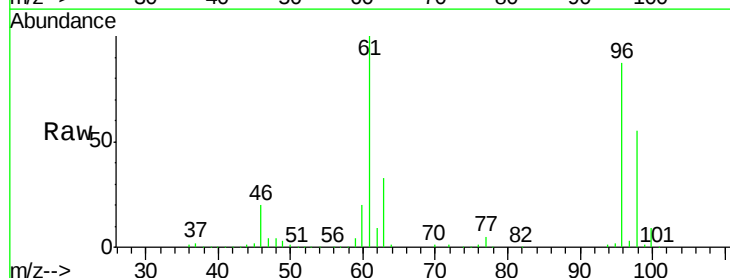
Tgt Ion: 96 Resp: 434396

Ion Ratio Lower Upper

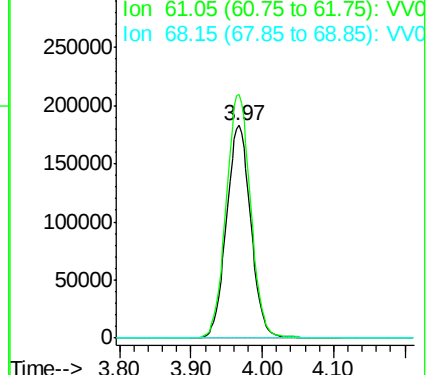
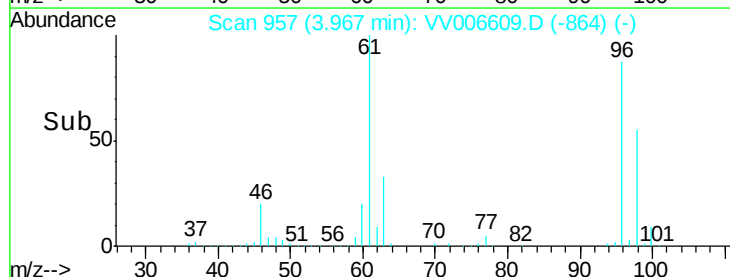
96 100

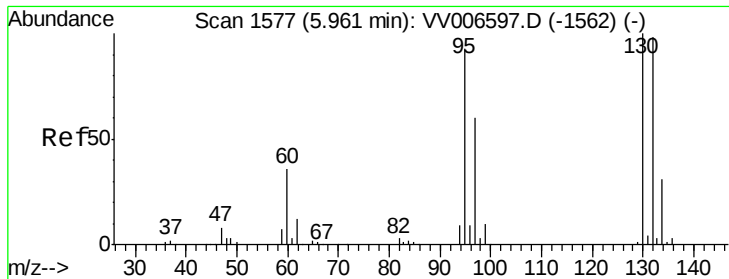
61 114.6 83.8 155.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006609.D (-864) (-)

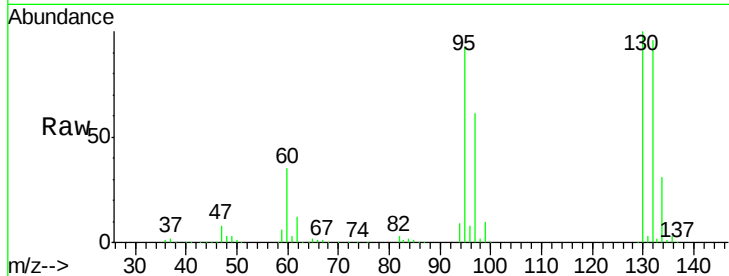




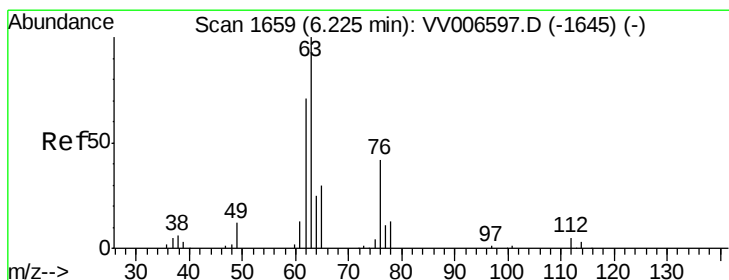
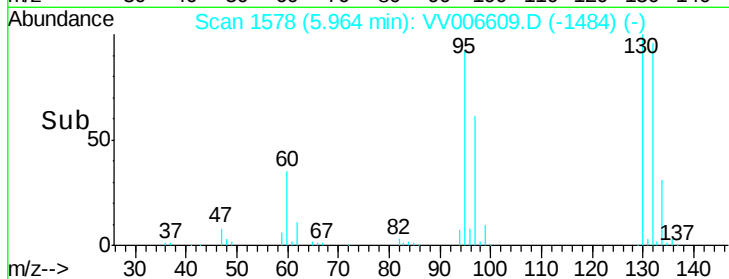
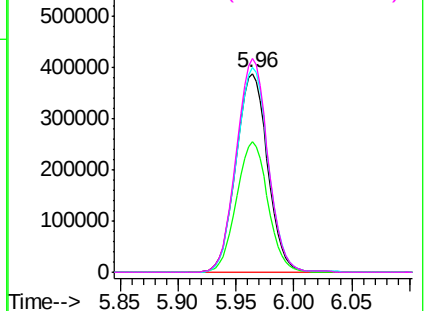
#34
 Trichloroethene
 Concen: 36.63 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006609.D
 Acq: 13 Jul 2018 22:40

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 MSVOA_V
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Tot Ion: 95 Resp: 738081
 Ion Ratio Lower Upper
 95 100
 97 65.5 44.3 82.3
 132 103.2 70.0 130.0
 130 107.3 72.7 134.9

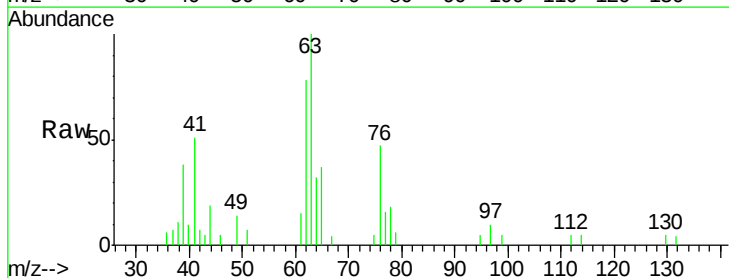


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

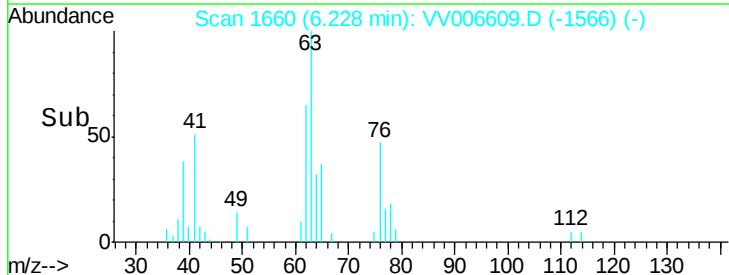
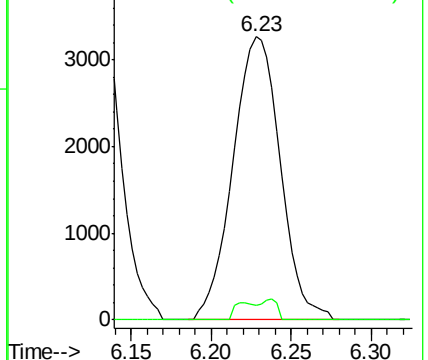


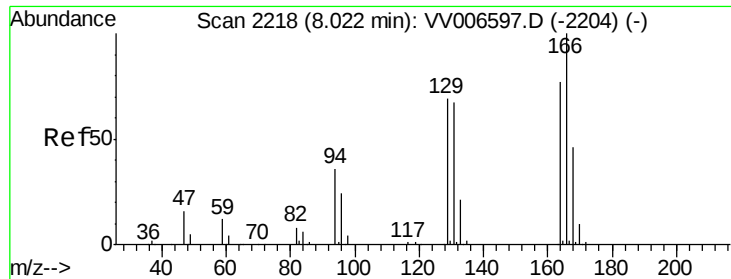
#37
 1,2-Dichloropropane
 Concen: 0.34 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006609.D
 Acq: 13 Jul 2018 22:40

Tgt Ion: 63 Resp: 6621
 Ion Ratio Lower Upper
 63 100
 112 2.7 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 0.76 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006609.D

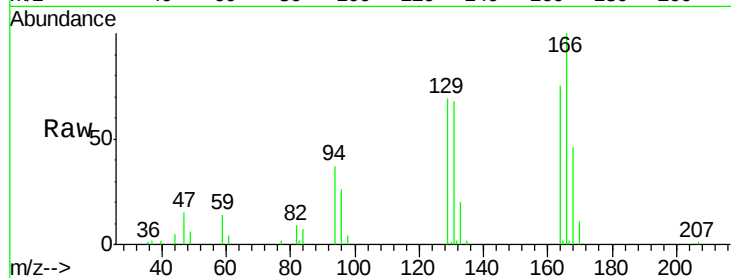
Acq: 13 Jul 2018 22:40

Instrument :

MSVOA_V

ClientSampleId :

DB198



Tot Ion:164 Resp: 12583

Ion Ratio Lower Upper

164 100

129 91.5 62.1 115.3

131 91.1 60.8 113.0

166 133.2 87.1 161.7

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

