

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008018.D
 Acq On : 02 Oct 2018 02:00
 Operator : SY/MD
 Sample : J5160-03
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GACA8

Quant Time: Oct 02 05:26:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 04:17:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	86333	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84174	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40711	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23163	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.59	69	20319	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.14	63	37087	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.97	46	66476	47.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.50%
24) Chloroform-d	4.41	84	51087	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.09	65	28034	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	99815	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	31874	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	94668	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.67	79	10392	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.14	63	46424	42.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22821	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	38131	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

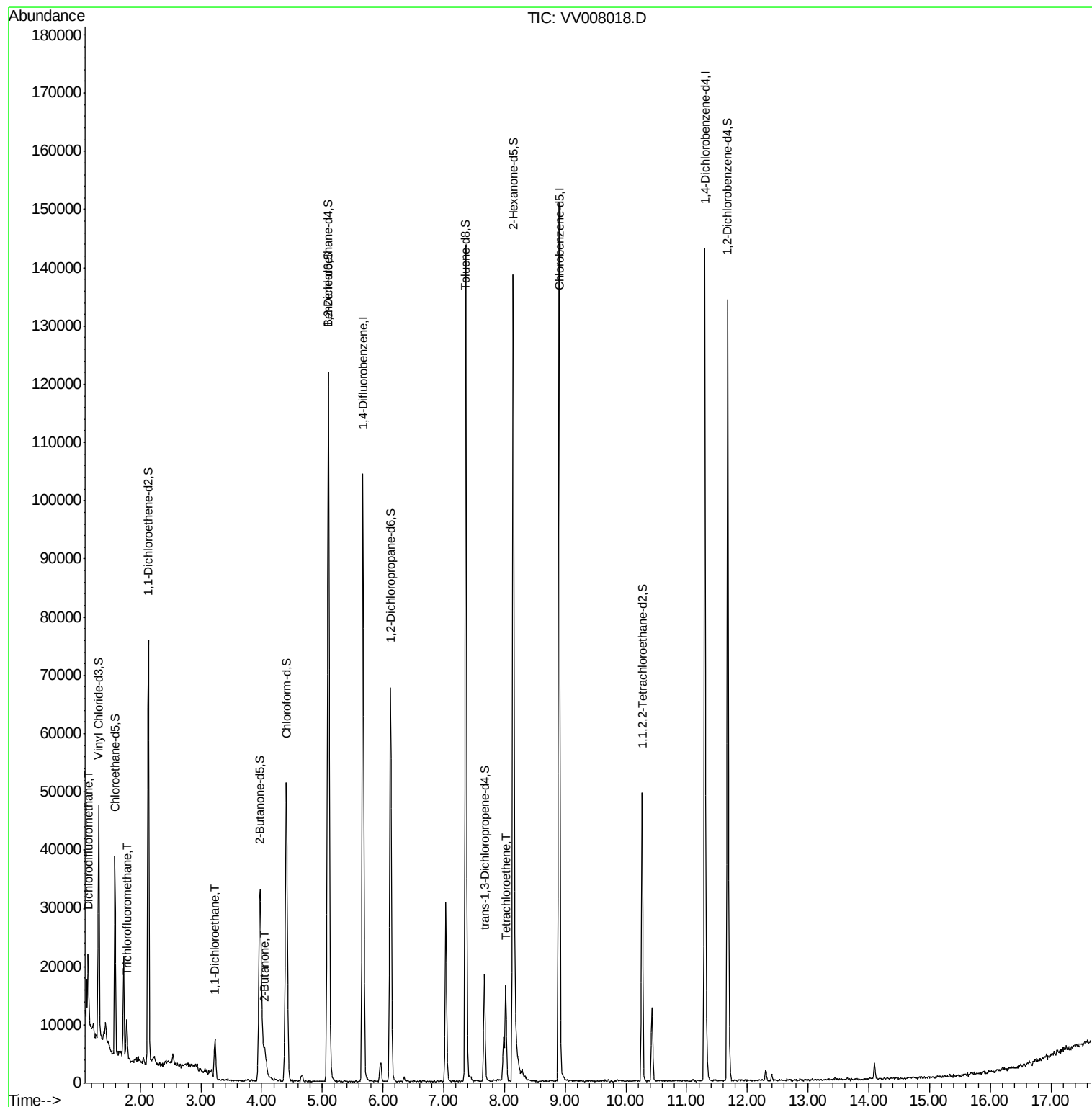
					Ovalue
2) Dichlorodifluoromethane	1.14	85	3140	0.434 ug/L	99
9) Trichlorofluoromethane	1.78	101	2600	0.231 ug/L	95
19) 1,1-Dichloroethane	3.24	63	6667	0.621 ug/L	100
21) 2-Butanone	4.05	43	4607	2.851 ug/L	84
47) Tetrachloroethene	8.02	164	3884	0.607 ug/L	92

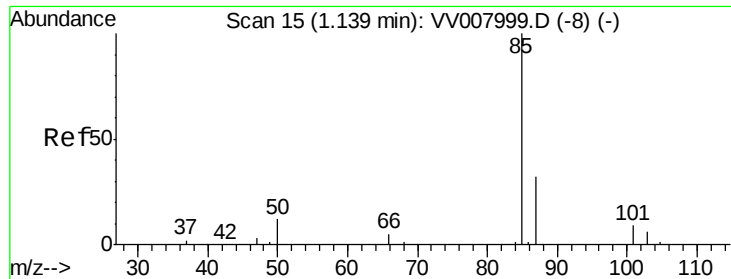
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.434 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV008018.D

Acq: 02 Oct 2018 02:00

Instrument :

MSVOA_V

ClientSampleId :

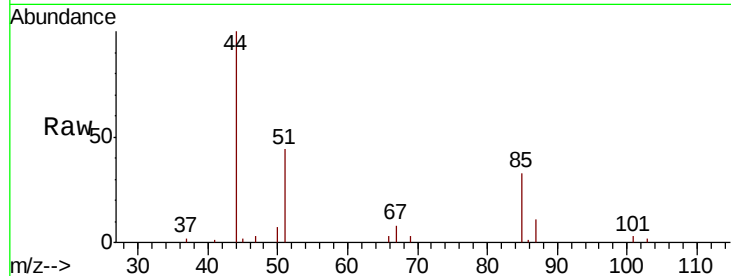
GACA8

Tot Ion: 85 Resp: 3140

Ion Ratio Lower Upper

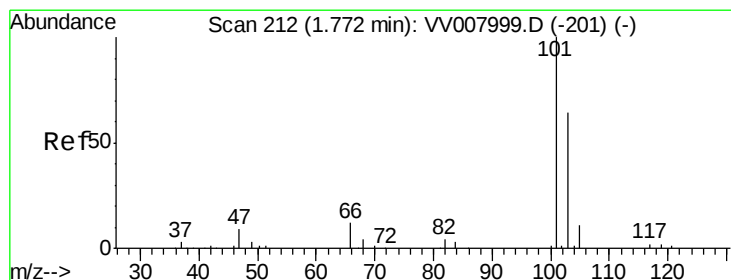
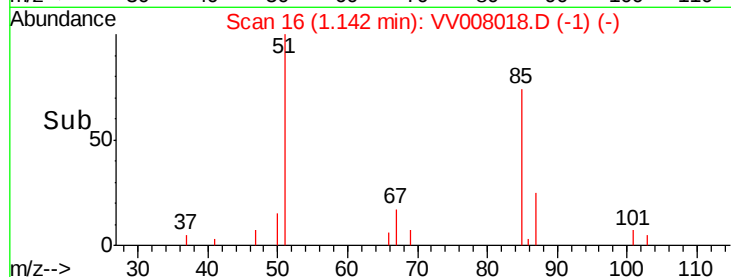
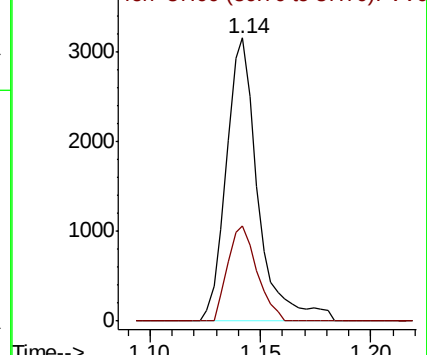
85 100

87 31.0 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VV007999.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV007999.D (-8) (-)



#9

Trichlorofluoromethane

Concen: 0.231 ug/L

RT: 1.78 min Scan# 213

Delta R.T. 0.00 min

Lab File: VV008018.D

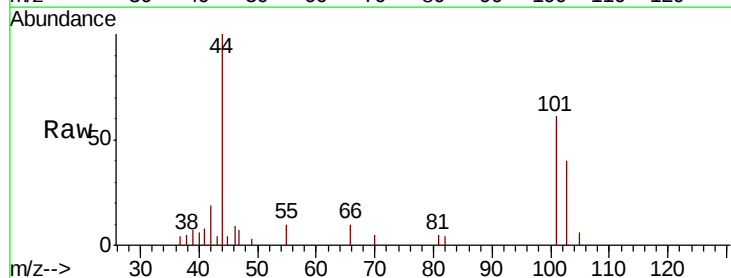
Acq: 02 Oct 2018 02:00

Tgt Ion: 101 Resp: 2600

Ion Ratio Lower Upper

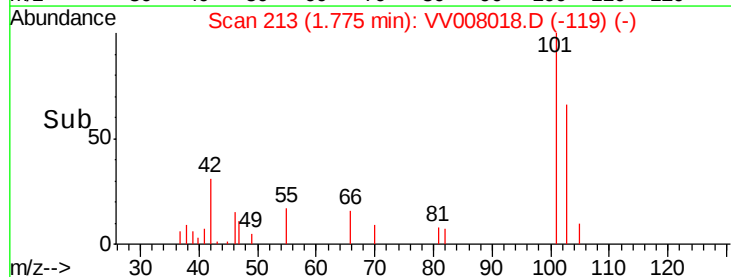
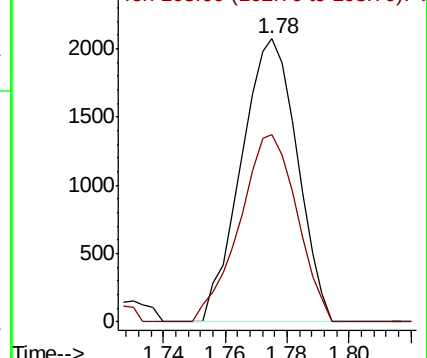
101 100

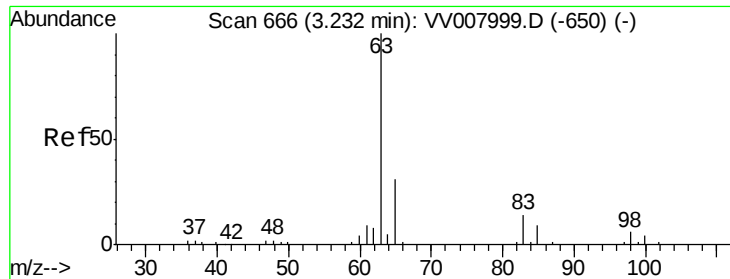
103 68.0 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): VV007999.D (-201) (-)

Ion 103.00 (102.70 to 103.70): VV007999.D (-201) (-)

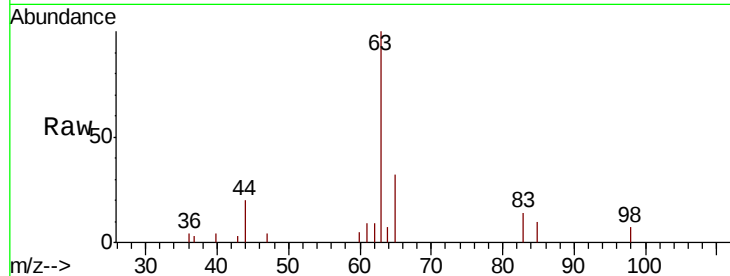




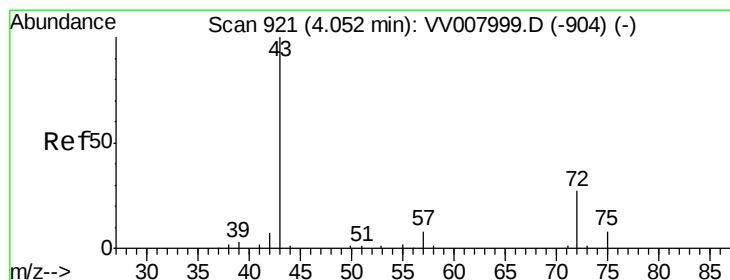
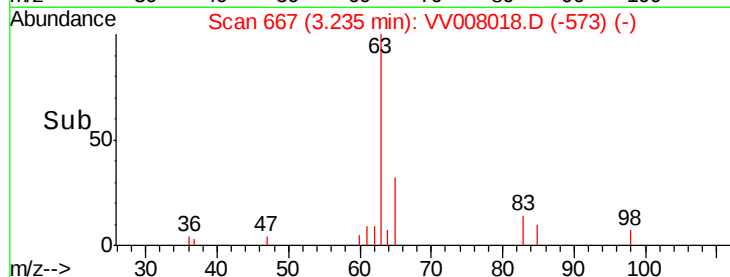
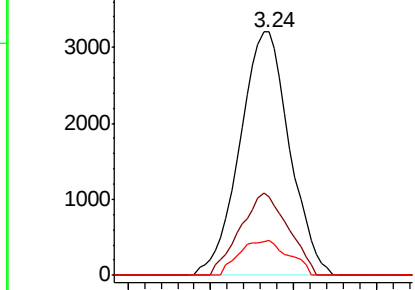
#19
 1,1-Dichloroethane
 Concen: 0.621 ug/L
 RT: 3.24 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VV008018.D
 Acq: 02 Oct 2018 02:00

Instrument :
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Tot Ion: 63 Resp: 6667
 Ion Ratio Lower Upper
 63 100
 65 32.1 22.3 41.5
 83 14.4 9.8 18.2

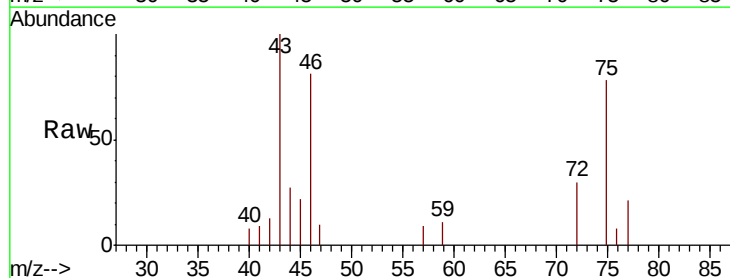


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

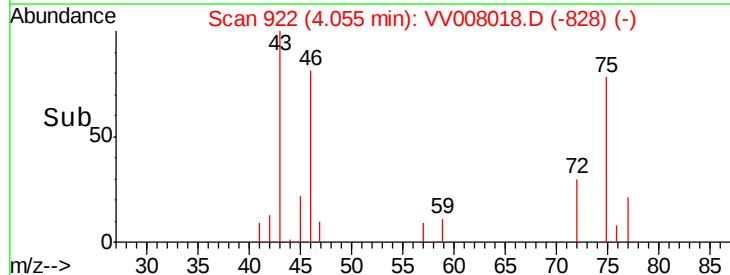
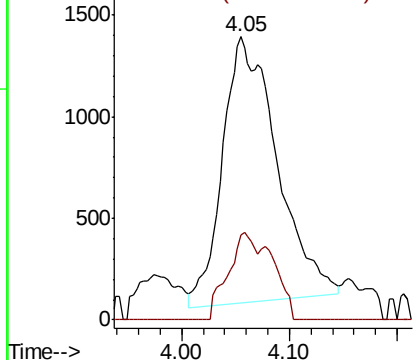


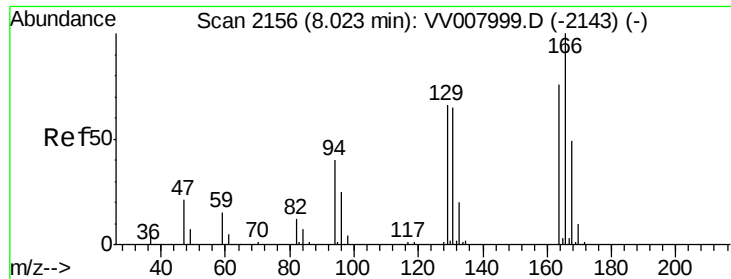
#21
 2-Butanone
 Concen: 2.851 ug/L
 RT: 4.05 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VV008018.D
 Acq: 02 Oct 2018 02:00

Tgt Ion: 43 Resp: 4607
 Ion Ratio Lower Upper
 43 100
 72 16.9 12.5 37.5



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 72.10 (71.80 to 72.80): VV0





#47

Tetrachloroethene

Concen: 0.607 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008018.D

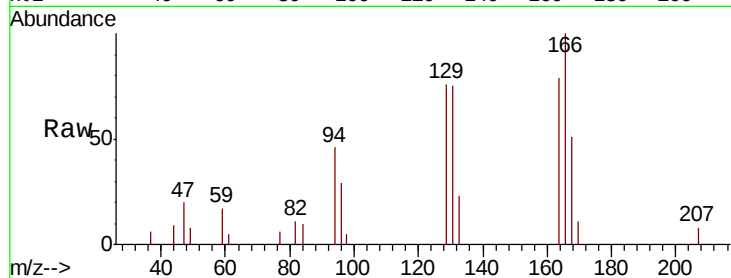
Acq: 02 Oct 2018 02:00

Instrument :

MSVOA_V

ClientSampleId :

GACA8



Tot Ion:164 Resp: 3884

Ion Ratio Lower Upper

164 100

129 95.8 59.2 110.0

131 94.0 57.1 106.1

166 126.1 88.6 164.6

