

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
 Data File : VV008079.D
 Acq On : 04 Oct 2018 23:19
 Operator : SY/MD
 Sample : J5246-13
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J81

Quant Time: Oct 05 06:51:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 05 05:56:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	78541	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	75693	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36314	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17621	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.59	69	17221	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.14	63	29784	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	3.96	46	72692	57.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.80%
24) Chloroform-d	4.41	84	48965	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.09	65	26575	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.10	84	90436	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.13	67	29546	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	80161	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.67	79	9912	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.14	63	45785	47.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22166	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	35708	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

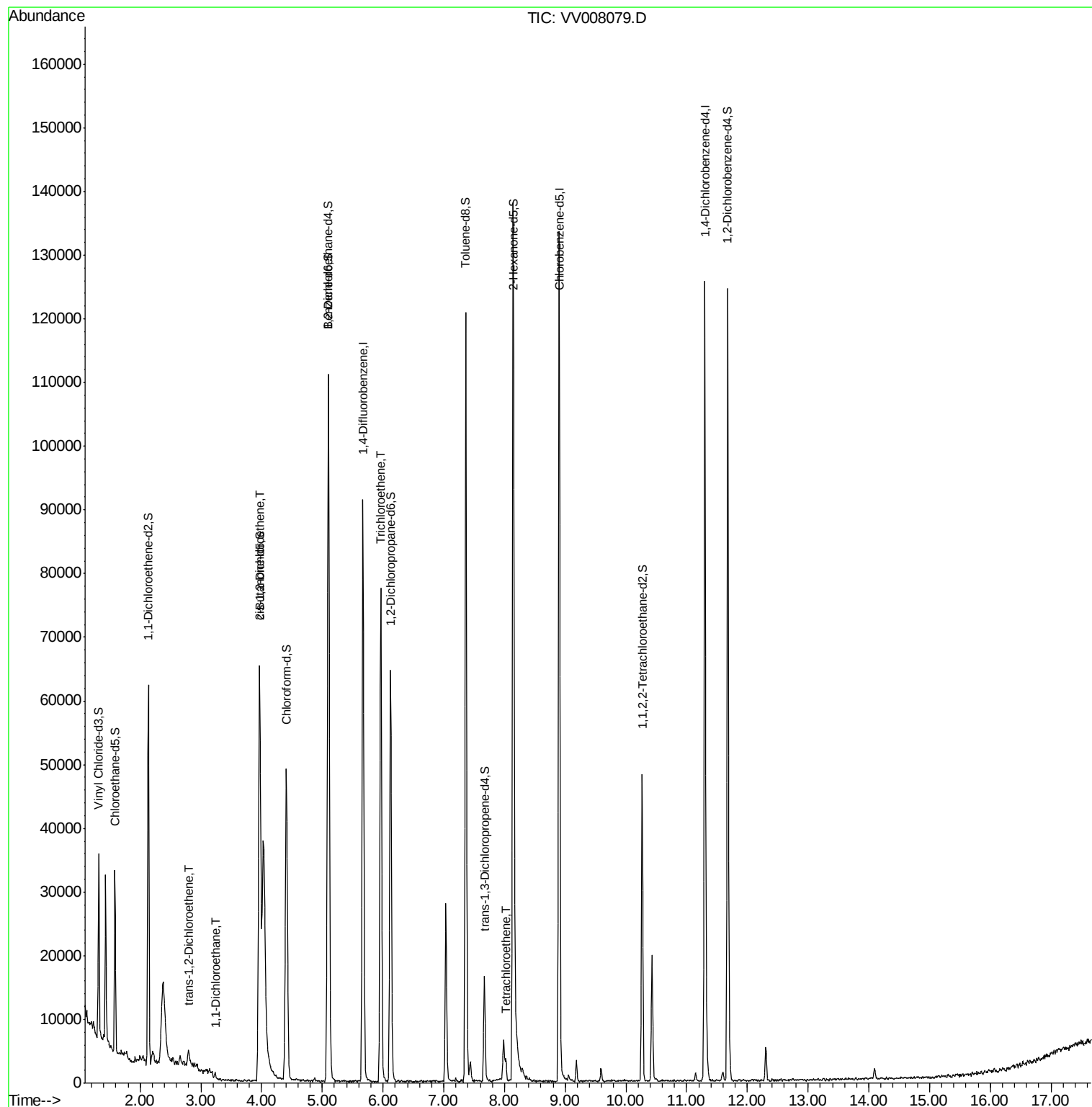
					Qvalue
18) trans-1,2-Dichloroethene	2.79	96	855	0.149 ug/L	90
19) 1,1-Dichloroethane	3.23	63	1151	0.118 ug/L #	84
22) cis-1,2-Dichloroethene	3.97	96	14417	2.488 ug/L	95
34) Trichloroethene	5.96	95	25348	4.084 ug/L	96
47) Tetrachloroethene	8.03	164	769	0.134 ug/L #	80

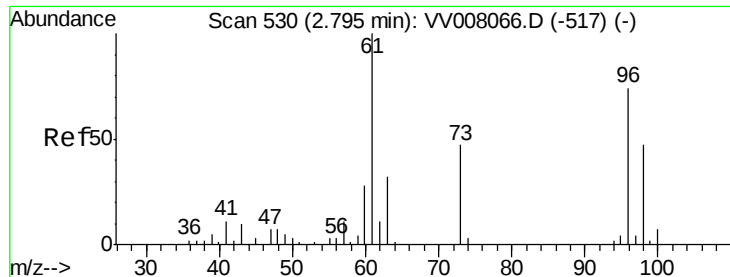
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#18

trans-1,2-Dichloroethene

Concen: 0.149 ug/L

RT: 2.79 min Scan# 529

Delta R.T. -0.00 min

Lab File: VV008079.D

Acq: 04 Oct 2018 23:19

Instrument :

MSVOA_V

ClientSampled :

C0J81

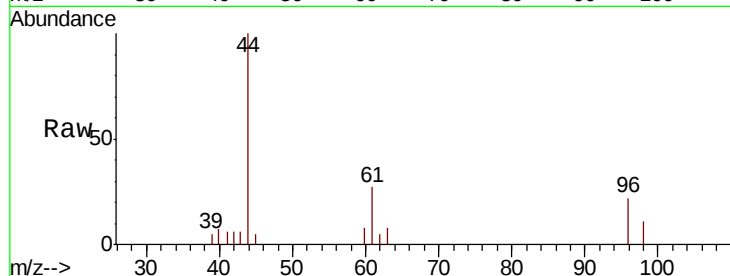
Tgt Ion: 96 Resp: 855

Ion Ratio Lower Upper

96 100

61 124.8 94.2 175.0

98 52.5 44.9 83.5

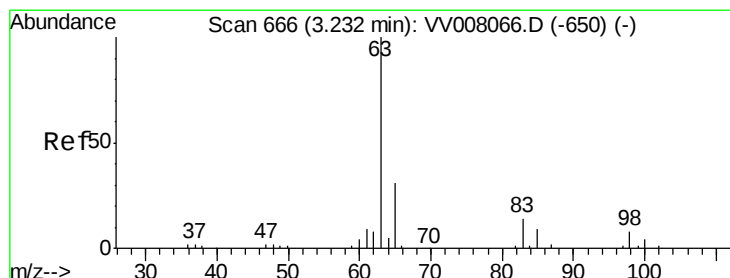
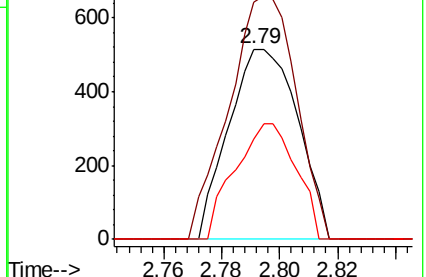
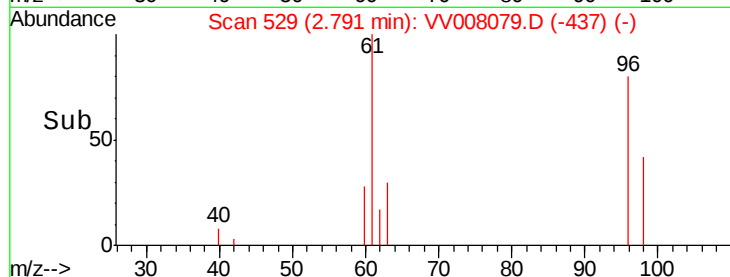


Abundance Ion 96.00 (95.70 to 96.70): VV008066.D (-517) (-)

Ion 61.05 (60.75 to 61.75): VV008066.D (-517) (-)

Ion 97.95 (97.65 to 98.65): VV008066.D (-517) (-)

Time-->



#19

1,1-Dichloroethane

Concen: 0.118 ug/L

RT: 3.23 min Scan# 666

Delta R.T. -0.00 min

Lab File: VV008079.D

Acq: 04 Oct 2018 23:19

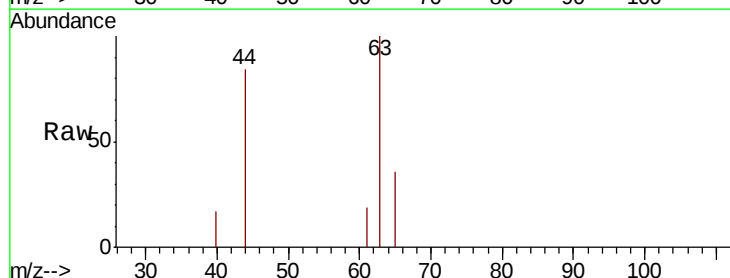
Tgt Ion: 63 Resp: 1151

Ion Ratio Lower Upper

63 100

65 36.4 22.3 41.5

83 0.0 9.8 18.2#

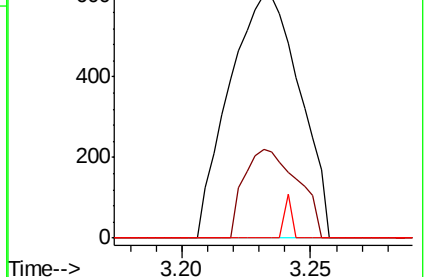
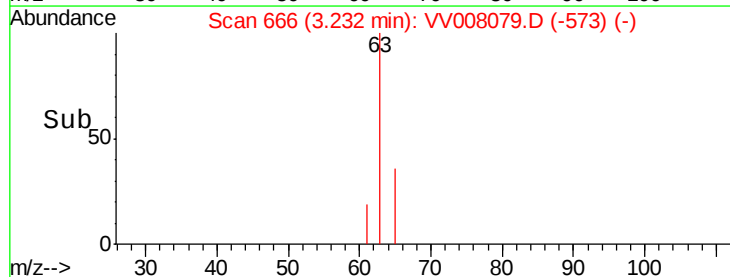


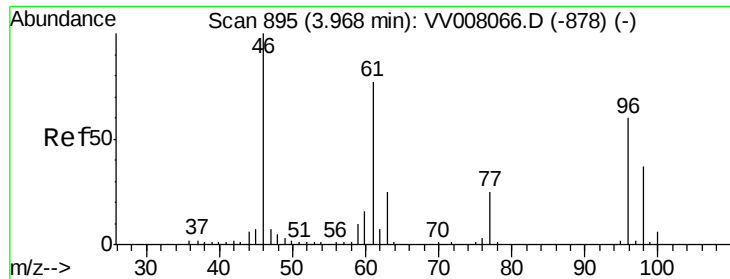
Abundance Ion 63.10 (62.80 to 63.80): VV008066.D (-650) (-)

Ion 65.10 (64.80 to 65.80): VV008066.D (-650) (-)

Ion 83.05 (82.75 to 83.75): VV008066.D (-650) (-)

Time-->



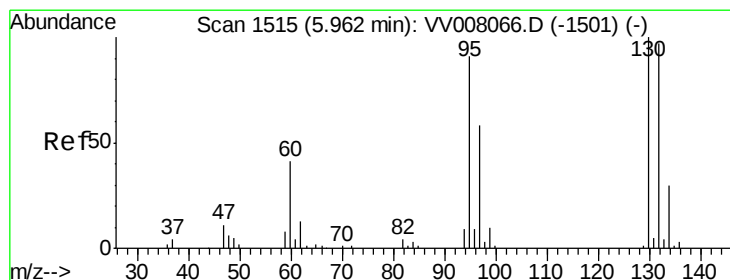
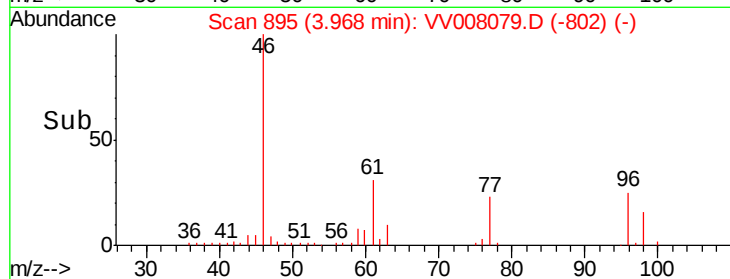
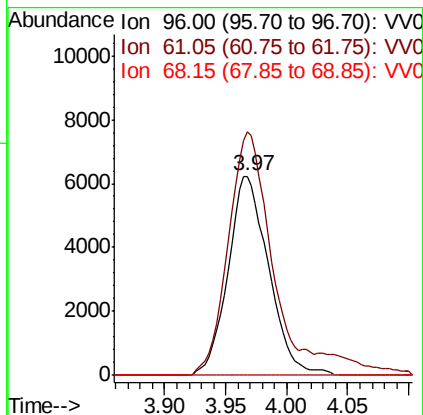
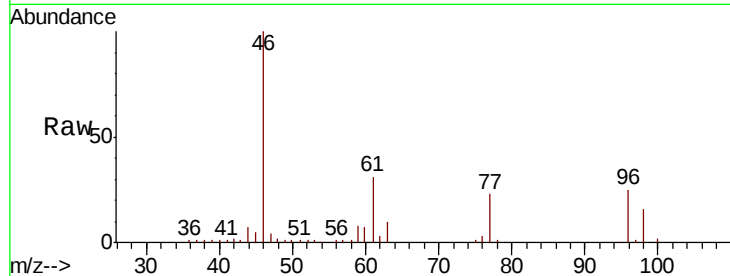


#22

cis-1,2-Dichloroethene
 Concen: 2.488 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: VV008079.D
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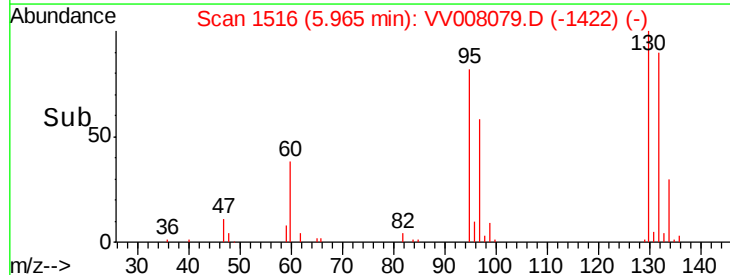
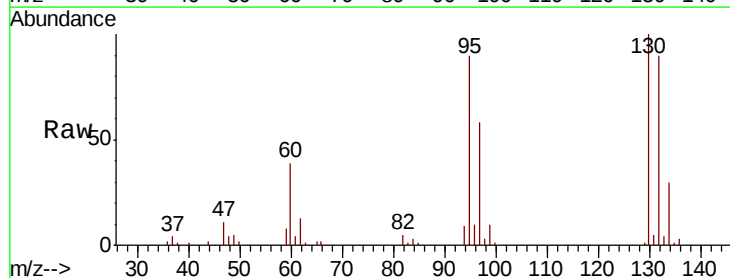
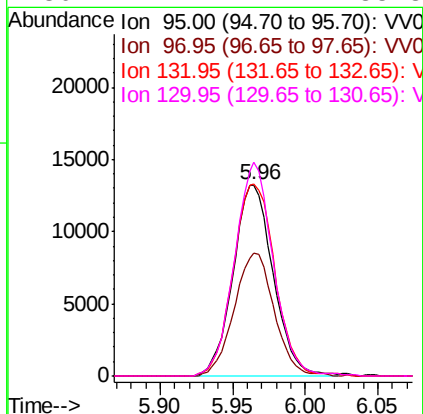
Tgt Ion: 96 Resp: 14417
 Ion Ratio Lower Upper
 96 100
 61 122.3 89.5 166.1
 68 0.0 0.0 0.0

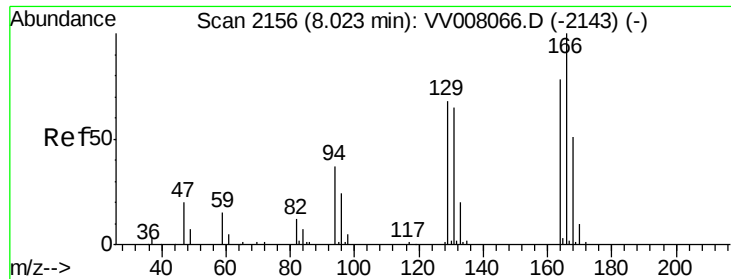


#34

Trichloroethene
 Concen: 4.084 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008079.D
 Acq: 04 Oct 2018 23:19

Tgt Ion: 95 Resp: 25348
 Ion Ratio Lower Upper
 95 100
 97 64.4 43.6 81.0
 132 100.4 69.9 129.9
 130 111.7 71.7 133.3





#47

Tetrachloroethene

Concen: 0.134 ug/L

RT: 8.03 min Scan# 2157

Delta R.T. 0.00 min

Lab File: VV008079.D

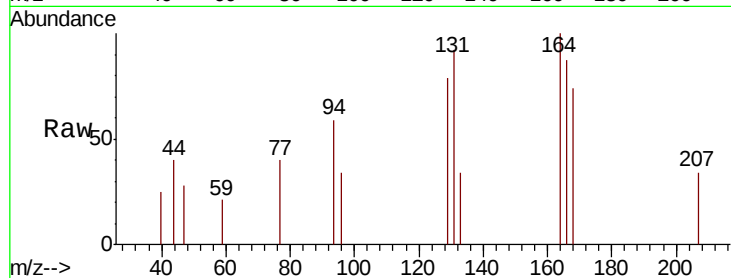
Acq: 04 Oct 2018 23:19

Instrument :

MSVOA_V

ClientSampleId :

C0J81



Tgt Ion:164 Resp: 769

Ion Ratio Lower Upper

164 100

129 79.0 59.2 110.0

131 91.5 57.1 106.1

166 86.7 88.6 164.6#

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

