

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
 Data File : VV008081.D
 Acq On : 05 Oct 2018 00:14
 Operator : SY/MD
 Sample : J5246-15
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J83

Quant Time: Oct 05 06:57:03 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	80322	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	77517	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17419	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.59	69	16668	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.13	63	28019	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	3.98	46	75551	58.33	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.66%
24) Chloroform-d	4.41	84	49237	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.09	65	25525	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.10	84	90510	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.12	67	30413	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	80523	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.67	79	9074	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.14	63	50125	50.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23858	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	35338	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

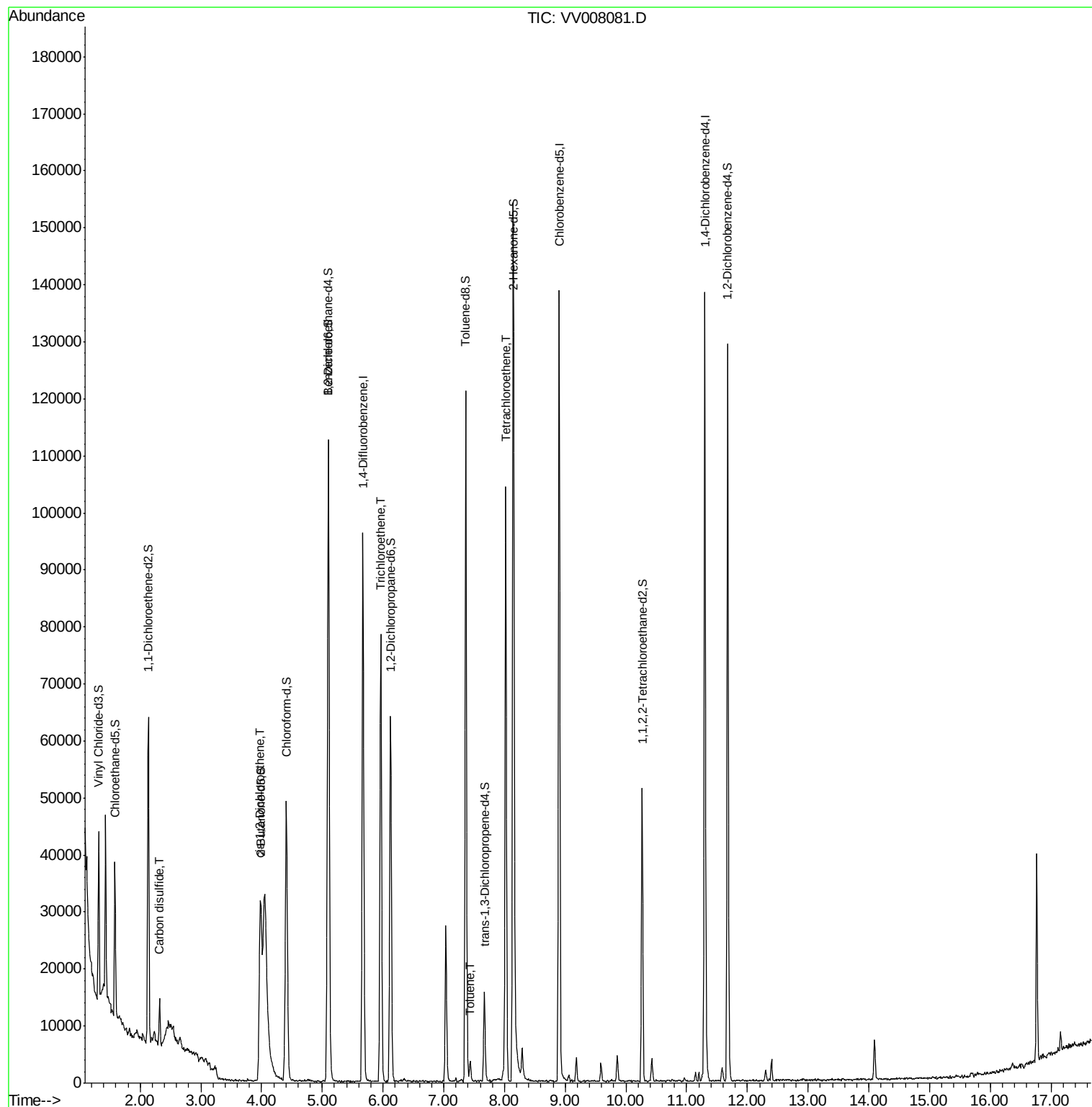
					Qvalue
14) Carbon disulfide	2.32	76	9355	0.650 ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	1507	0.254 ug/L	90
34) Trichloroethene	5.96	95	25475	4.008 ug/L	94
42) Toluene	7.43	91	2585	0.107 ug/L	93
47) Tetrachloroethene	8.02	164	24816	4.214 ug/L	96

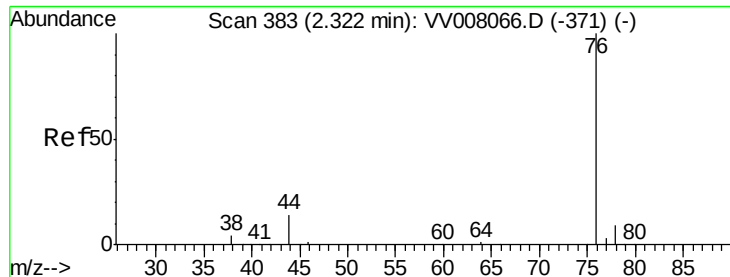
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.650 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VV008081.D

Acq: 05 Oct 2018 00:14

Instrument :

MSVOA_V

ClientSampled :

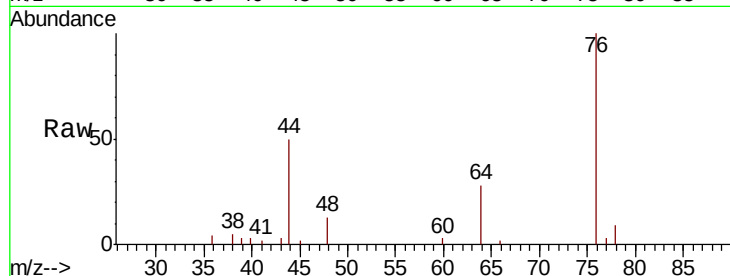
C0J83

Tgt Ion: 76 Resp: 9355

Ion Ratio Lower Upper

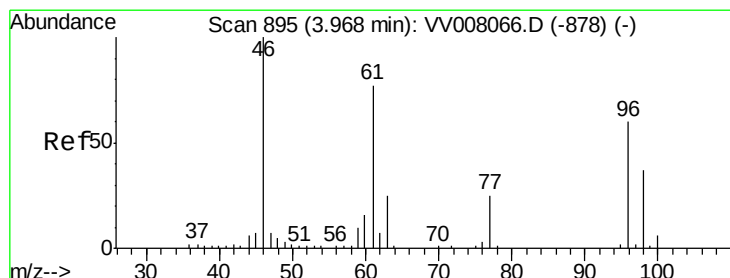
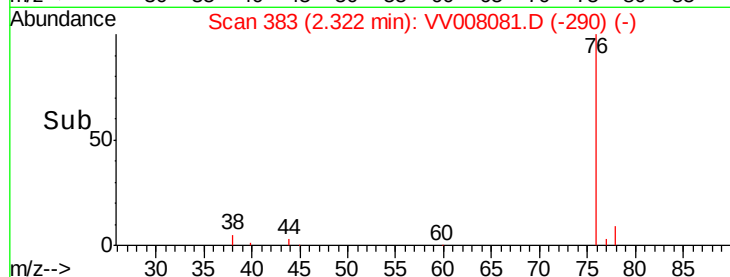
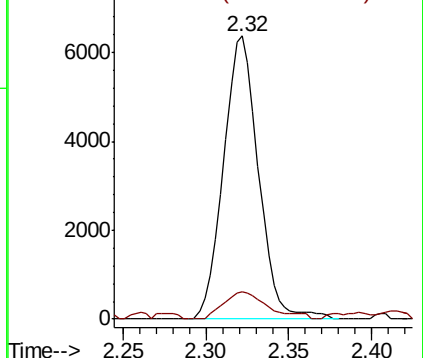
76 100

78 9.5 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.254 ug/L

RT: 3.97 min Scan# 895

Delta R.T. -0.00 min

Lab File: VV008081.D

Acq: 05 Oct 2018 00:14

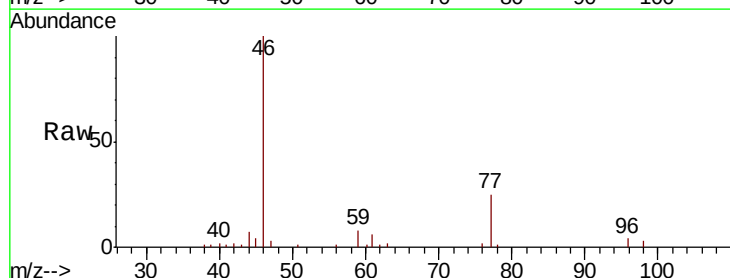
Tgt Ion: 96 Resp: 1507

Ion Ratio Lower Upper

96 100

61 138.9 89.5 166.1

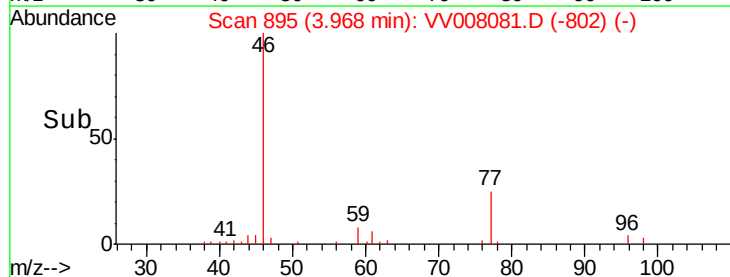
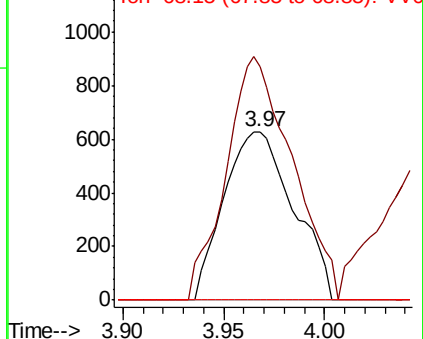
68 0.0 0.0 0.0

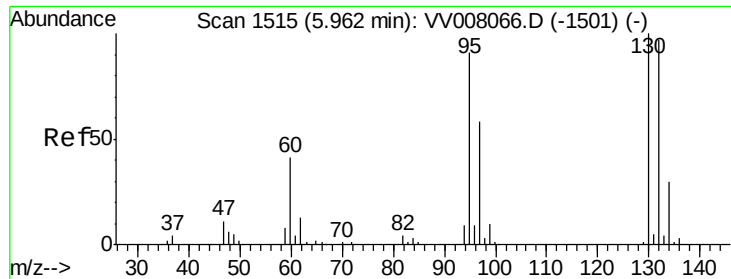


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 4.008 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008081.D

Acq: 05 Oct 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

C0J83

Tgt Ion: 95 Resp: 25475

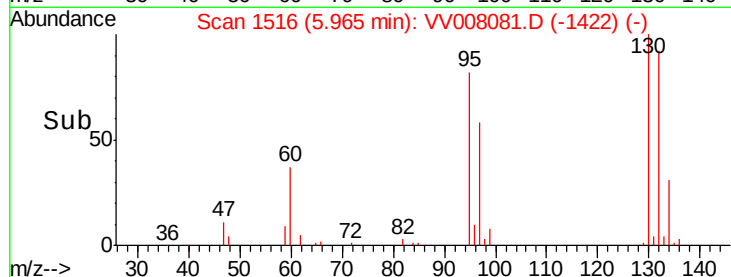
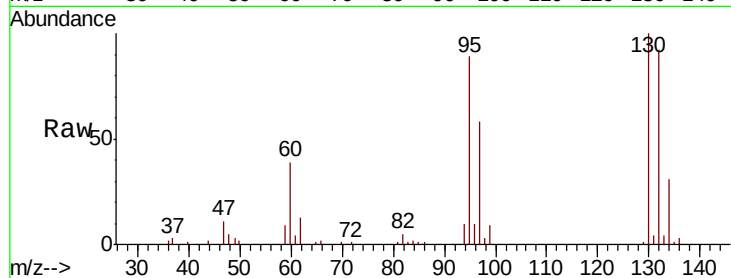
Ion Ratio Lower Upper

95 100

97 65.5 43.6 81.0

132 103.3 69.9 129.9

130 112.1 71.7 133.3



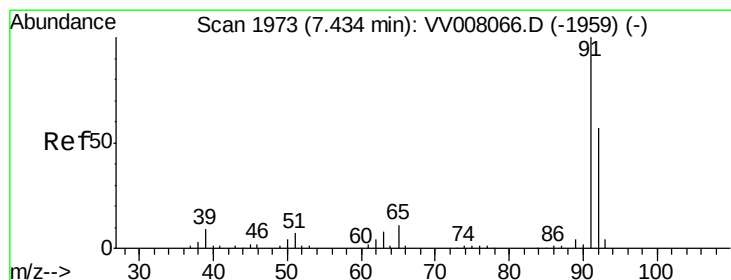
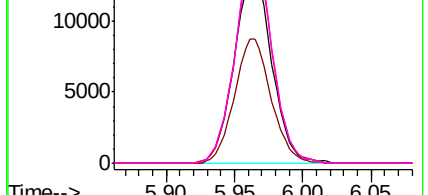
Abundance Ion 95.00 (94.70 to 95.70): VV008081.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008081.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008081.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008081.D (-1422) (-)

Time-->



#42

Toluene

Concen: 0.107 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV008081.D

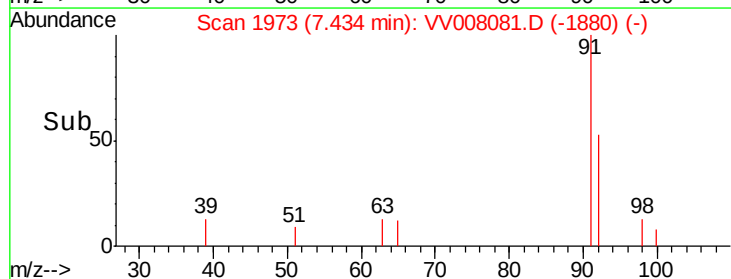
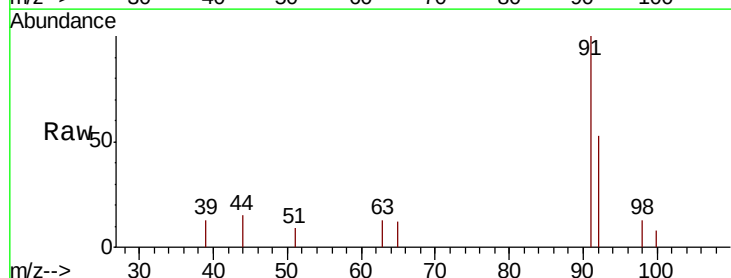
Acq: 05 Oct 2018 00:14

Tgt Ion: 91 Resp: 2585

Ion Ratio Lower Upper

91 100

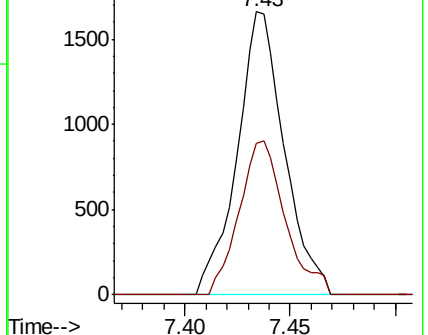
92 53.4 40.8 75.8

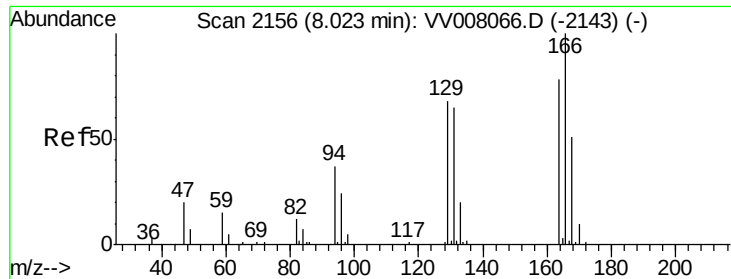


Abundance Ion 91.15 (90.85 to 91.85): VV008081.D (-1880) (-)

Ion 92.15 (91.85 to 92.85): VV008081.D (-1880) (-)

Time-->





#47

Tetrachloroethene

Concen: 4.214 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.00 min

Lab File: VV008081.D

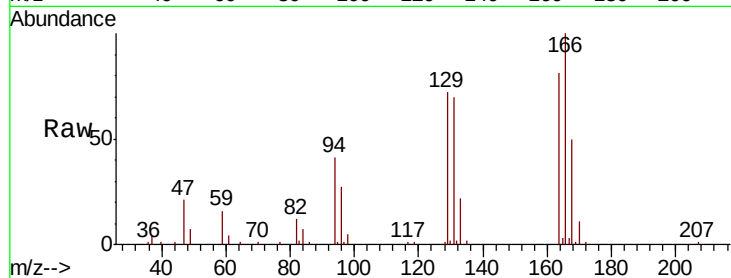
Acq: 05 Oct 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

C0J83



Tgt Ion:164 Resp: 24816

Ion Ratio Lower Upper

164 100

129 88.3 59.2 110.0

131 86.8 57.1 106.1

166 123.5 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

