

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\
 Data File : VV008238.D
 Acq On : 10 Oct 2018 17:29
 Operator : SY/MD
 Sample : J5315-04 50X
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J95

Quant Time: Oct 11 03:09:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 11 01:57:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	76514	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	71382	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30415	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16160	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.58	69	14375	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.13	63	25336	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	3.97	46	63191	55.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.86%
24) Chloroform-d	4.41	84	42789	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.09	65	21667	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.10	84	78124	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.12	67	26592	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	65564	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.67	79	8086	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.14	63	34132	42.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	18838	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	26067	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

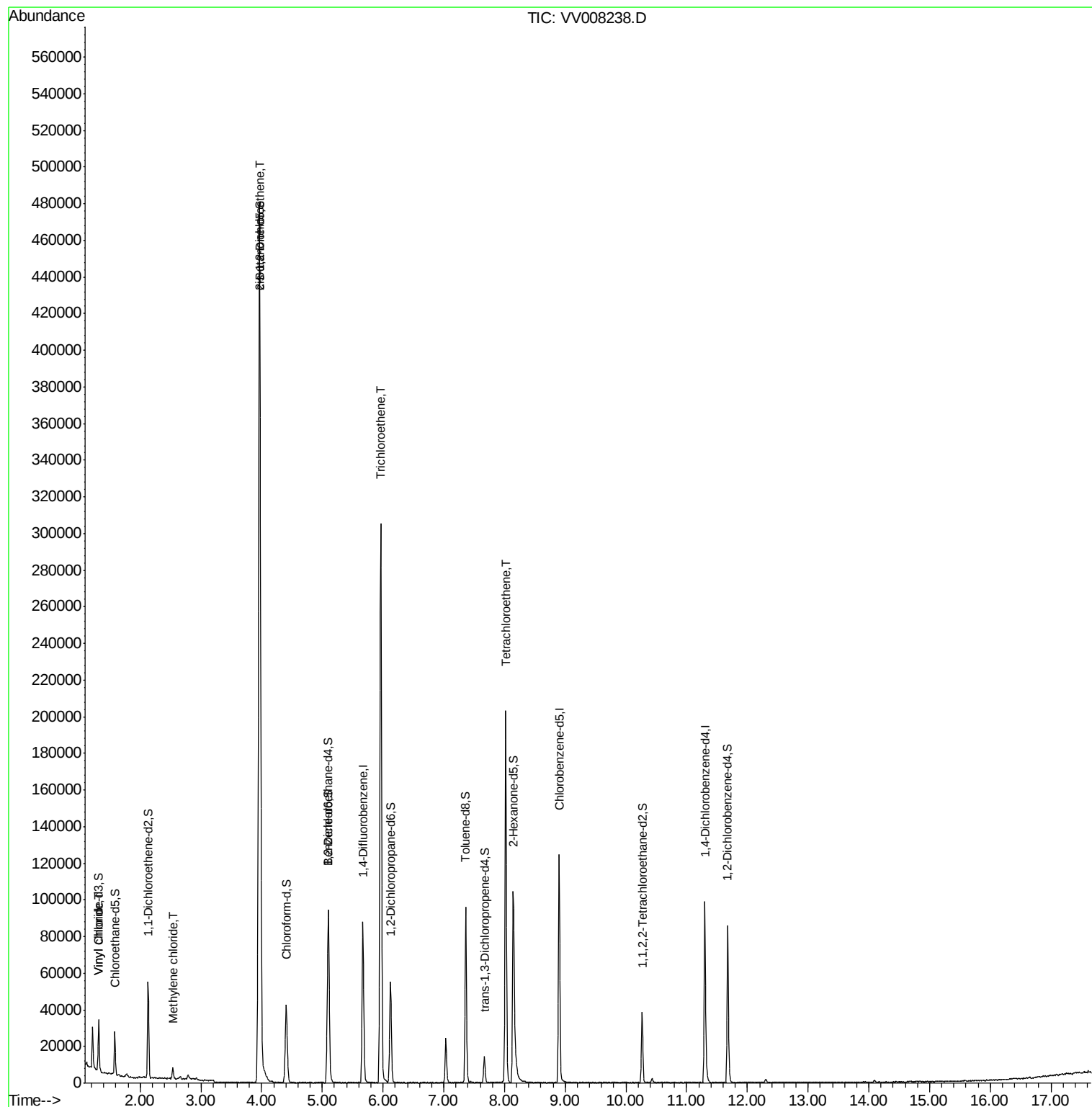
						Qvalue
5) Vinyl chloride	1.32	62	1681	0.35	ug/L	# 78
16) Methylene chloride	2.54	84	2273	0.45	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	256833	50.33	ug/L	98
34) Trichloroethene	5.96	95	103082	19.61	ug/L	99
47) Tetrachloroethene	8.02	164	47887	10.20	ug/L	97

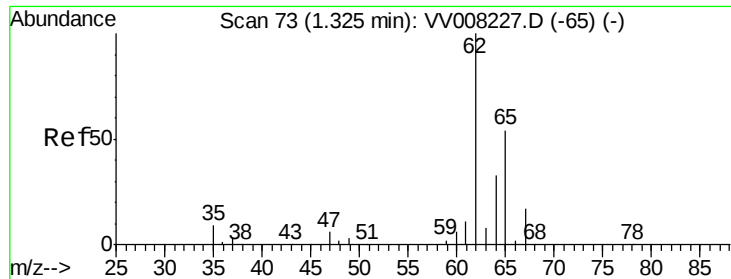
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.35 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Acq: 10 Oct 2018 17:29

Instrument :

MSVOA_V

ClientSampleId :

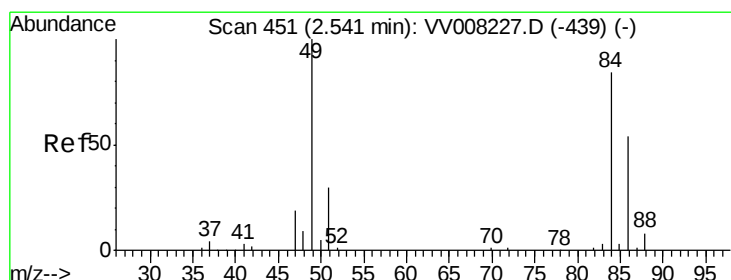
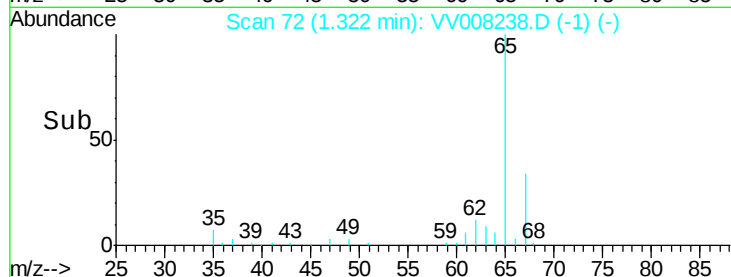
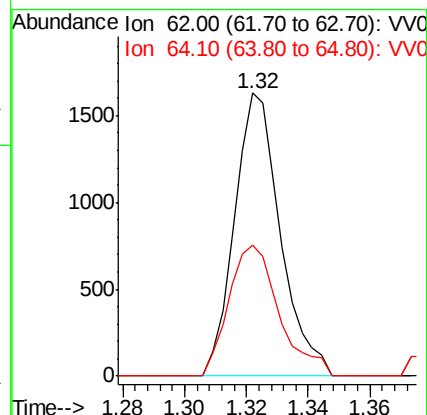
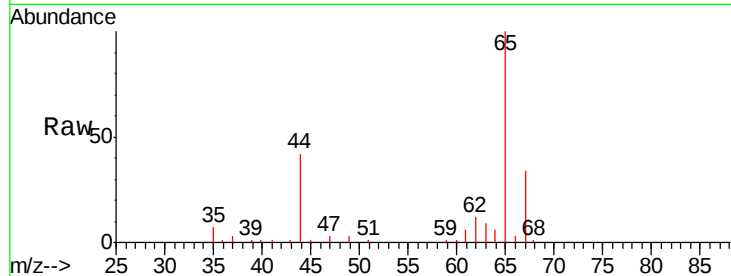
C0J95

Tgt Ion: 62 Resp: 1681

Ion Ratio Lower Upper

62 100

64 46.1 23.4 43.4#



#16

Methylene chloride

Concen: 0.45 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV008238.D

Acq: 10 Oct 2018 17:29

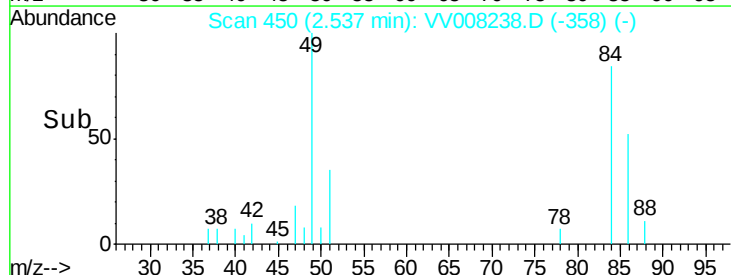
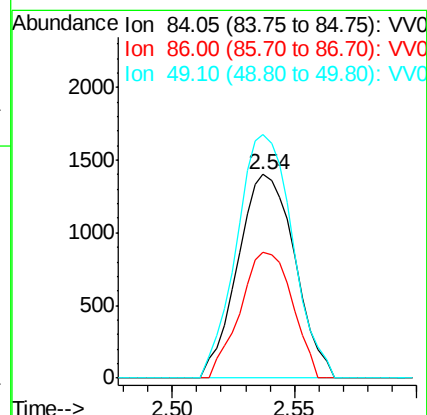
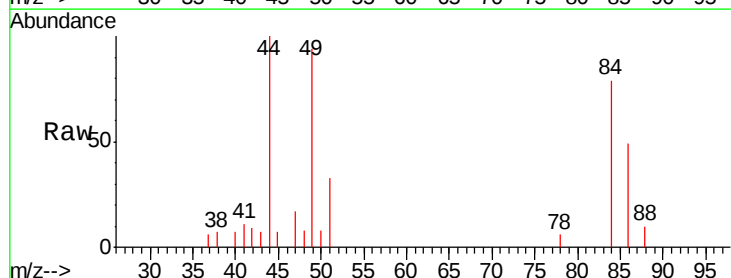
Tgt Ion: 84 Resp: 2273

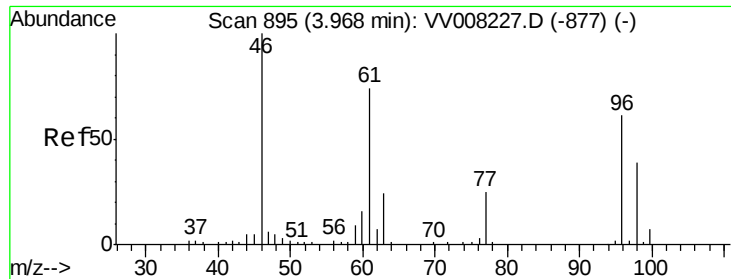
Ion Ratio Lower Upper

84 100

86 61.7 45.3 84.1

49 119.5 83.0 154.1





#22

cis-1,2-Dichloroethene

Concen: 50.33 ug/L

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

C0J95

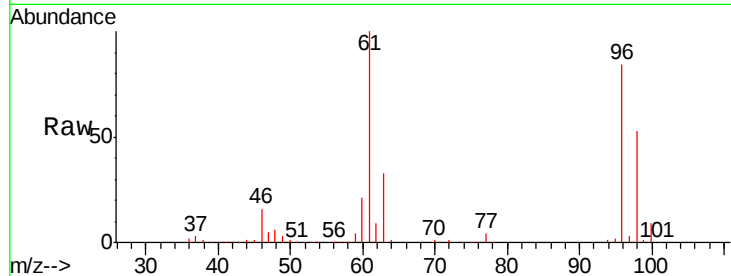
Tgt Ion: 96 Resp: 256833

Ion Ratio Lower Upper

96 100

61 119.7 85.1 158.1

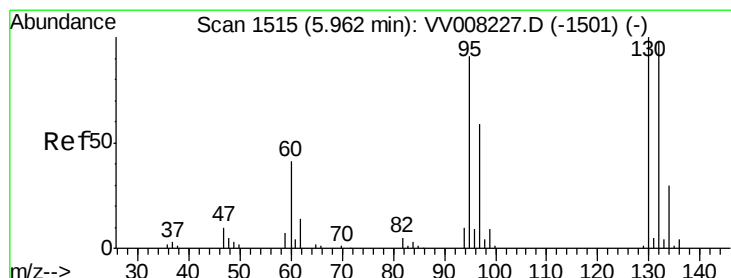
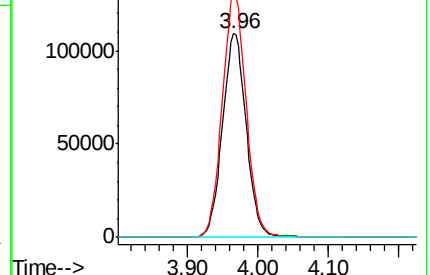
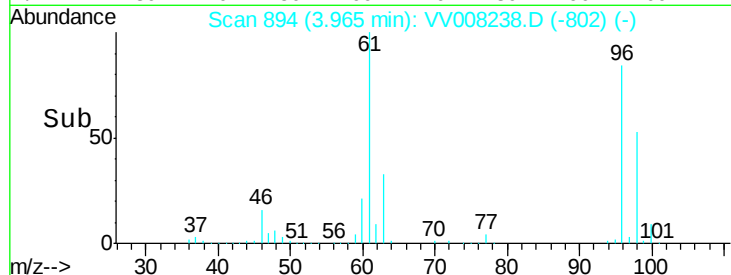
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV008238.D (-802) (-)

Ion 61.05 (60.75 to 61.75): VV008238.D (-802) (-)

Ion 68.15 (67.85 to 68.85): VV008238.D (-802) (-)



#34

Trichloroethene

Concen: 19.61 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008238.D

Acq: 10 Oct 2018 17:29

Tgt Ion: 95 Resp: 103082

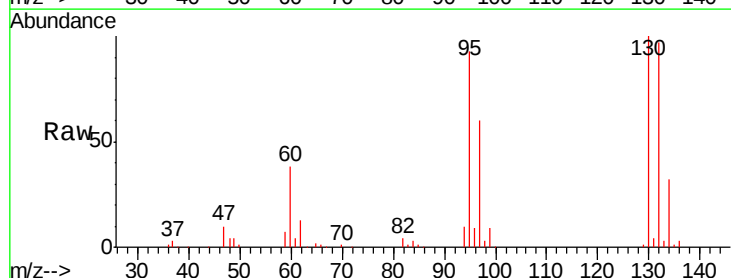
Ion Ratio Lower Upper

95 100

97 64.7 44.9 83.5

132 105.1 73.6 136.6

130 108.0 76.2 141.6

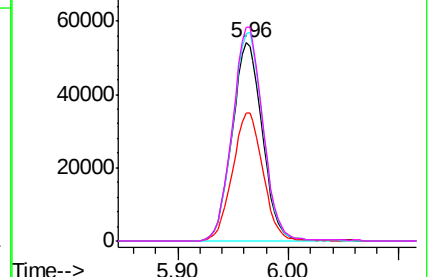
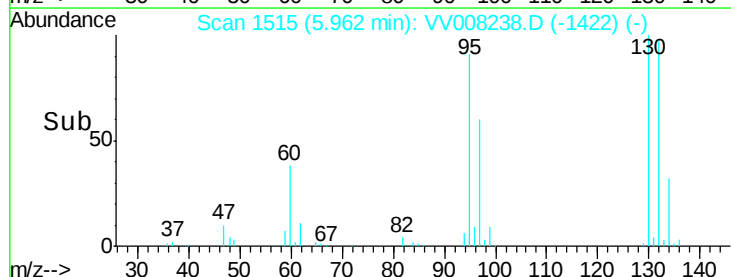


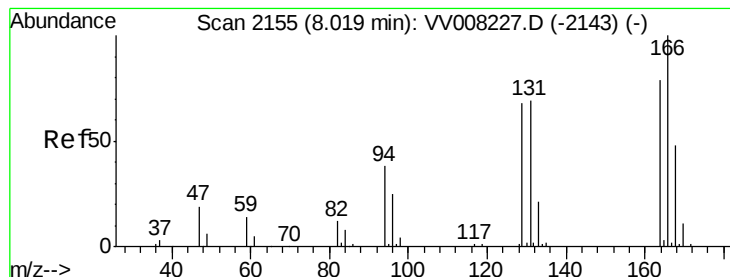
Abundance Ion 95.00 (94.70 to 95.70): VV008238.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008238.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008238.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008238.D (-1422) (-)





#47

Tetrachloroethene

Concen: 10.20 ug/L

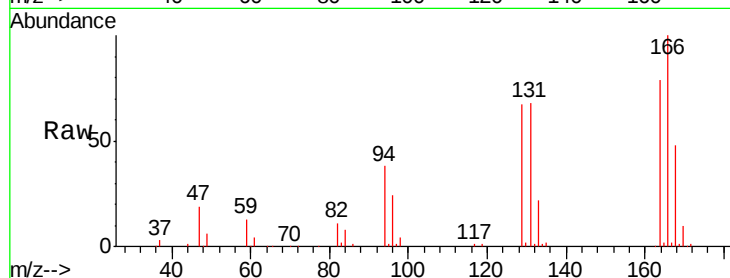
RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008238.D

Acq: 10 Oct 2018 17:29

Instrument :
MSVOA_V
ClientSampleId :
C0J95



Tgt Ion:164 Resp: 47887

Ion Ratio Lower Upper

164 100

129 85.2 62.2 115.4

131 86.3 60.5 112.5

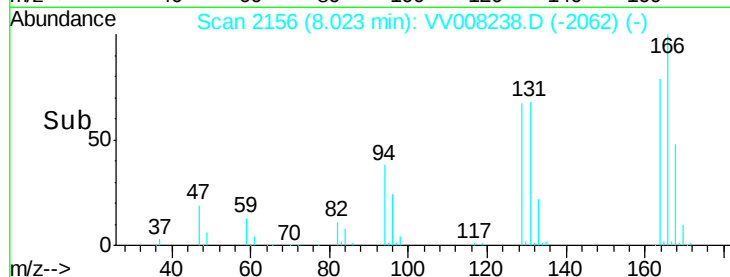
166 127.2 92.1 171.1

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



Time-->

