

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR110218\
 Data File : VR026167.D
 Acq On : 2 Nov 2018 19:02
 Operator : SY/MD
 Sample : J5802-04
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0BE5

Quant Time: Nov 03 06:07:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 03 06:46:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	514383	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	446737	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	149944	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	170478	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	2.63	69	173195	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	3.64	63	475052	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	6.60	46	244350	66.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.22%#
24) Chloroform-d	7.20	84	349153	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	7.90	65	157994	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	7.86	84	654228	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	8.90	67	193601	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	9.97	98	584777	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	10.24	79	49121	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	10.59	63	208482	74.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	148.54%#
57) 1,1,1,2,2-Tetrachloroethane-	12.36	84	84088	5.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	129634	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

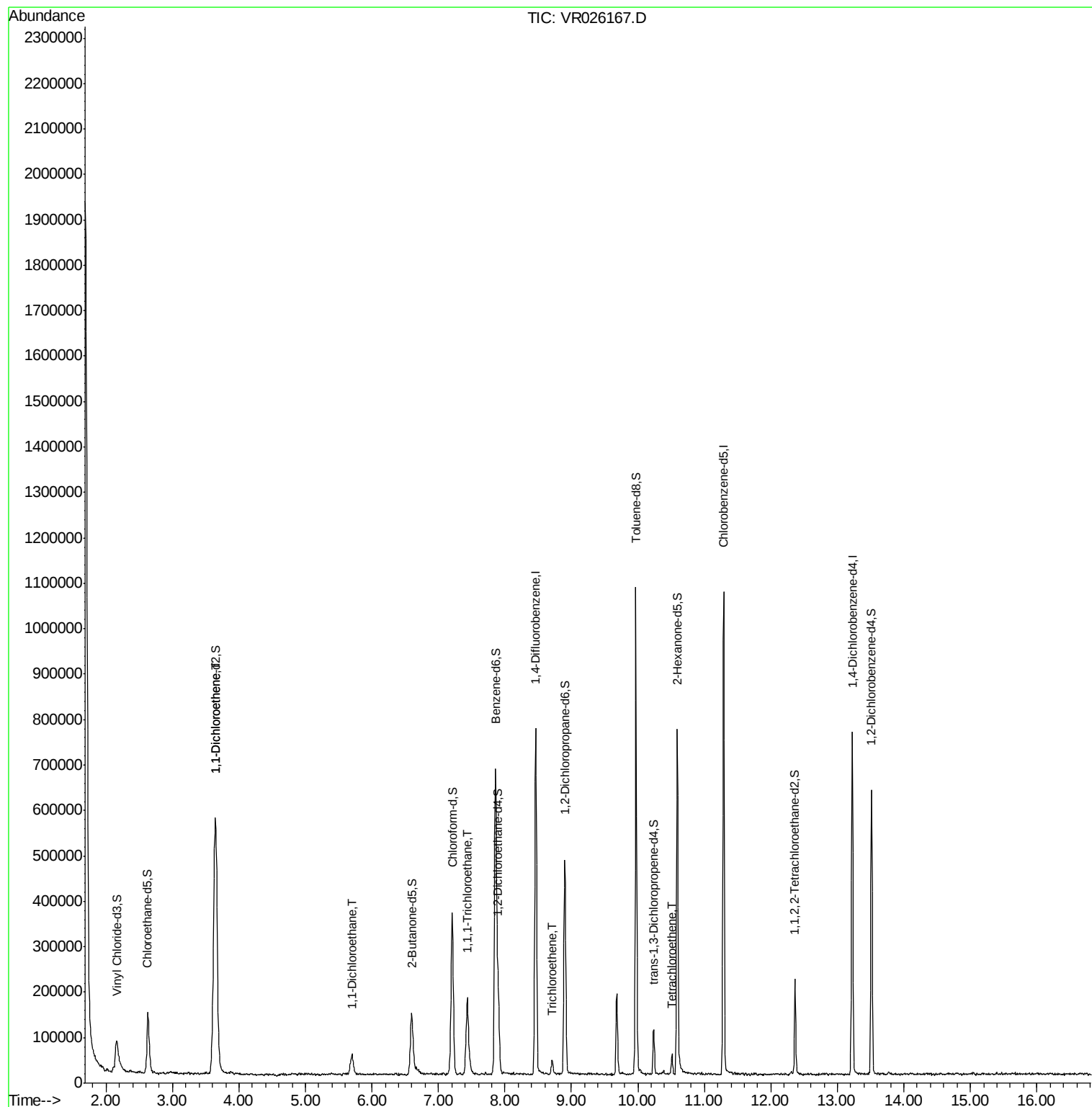
					Ovalue
12) 1,1-Dichloroethene	3.65	96	256300	5.124 ug/L	88
19) 1,1-Dichloroethane	5.70	63	63369	0.892 ug/L	91
29) 1,1,1-Trichloroethane	7.43	97	142397	2.333 ug/L	100
34) Trichloroethene	8.71	95	10299	0.240 ug/L	88
47) Tetrachloroethene	10.51	164	8456	0.276 ug/L	90

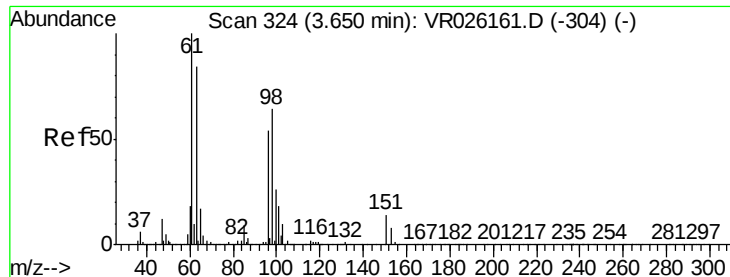
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 03 06:46:43 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.124 ug/L

RT: 3.65 min Scan# 324

Delta R.T. -0.00 min

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Instrument :

MSVOA_R

ClientSampleId :

C0BE5

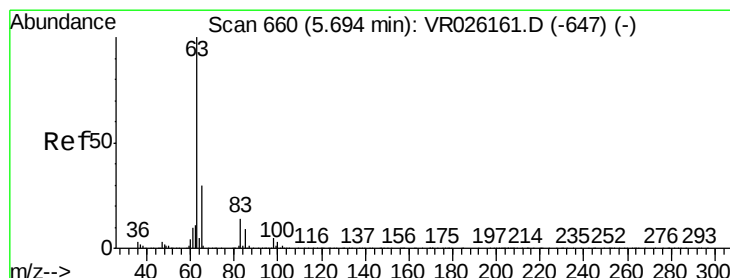
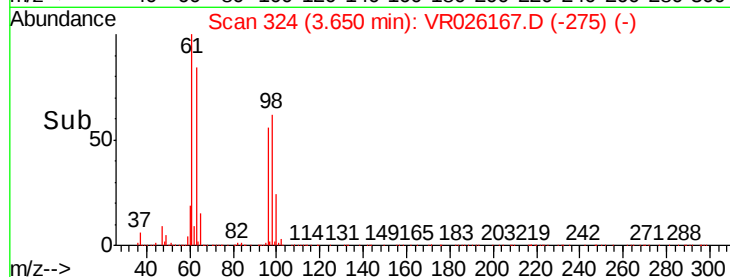
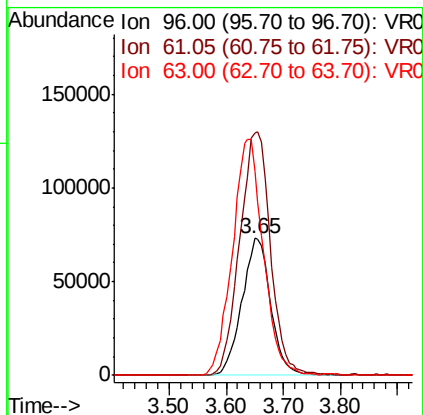
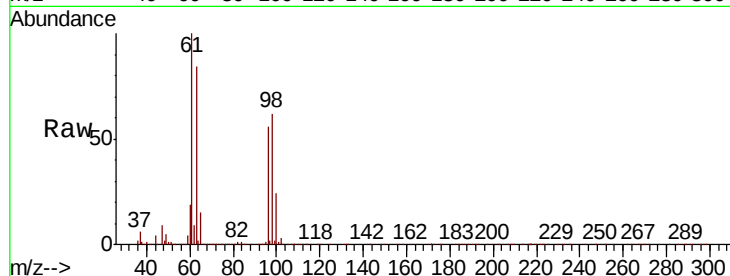
Tot Ion: 96 Resp: 256300

Ion Ratio Lower Upper

96 100

61 177.3 126.7 235.3

63 148.7 125.0 232.2



#19

1,1-Dichloroethane

Concen: 0.892 ug/L

RT: 5.70 min Scan# 661

Delta R.T. 0.01 min

Lab File: VR026167.D

Acq: 2 Nov 2018 19:02

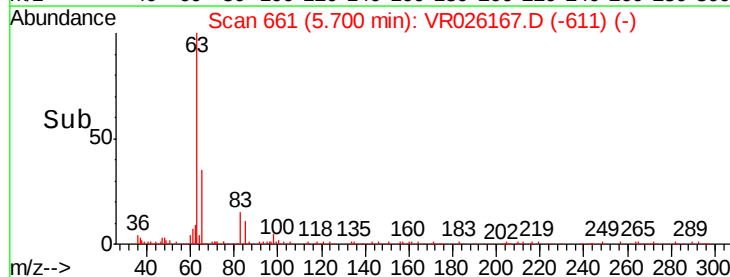
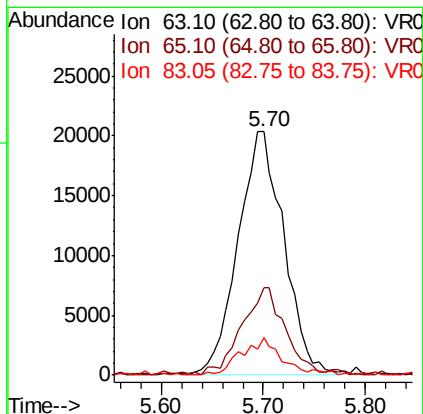
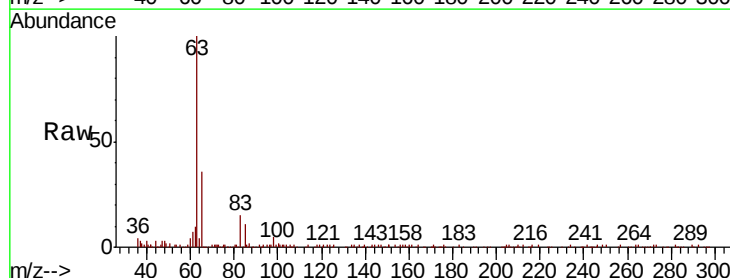
Tgt Ion: 63 Resp: 63369

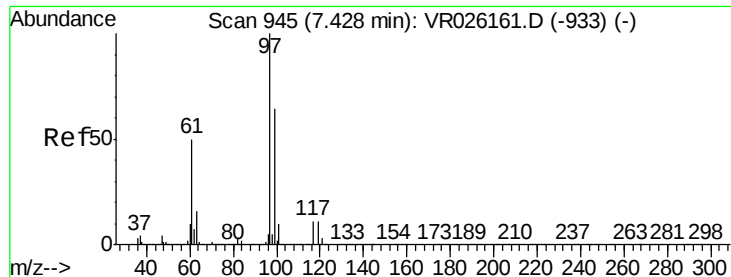
Ion Ratio Lower Upper

63 100

65 36.2 21.2 39.4

83 15.4 9.2 17.2





#29

1,1,1-Trichloroethane

Concen: 2.333 ug/L

RT: 7.43 min Scan# 946

Delta R.T. 0.01 min

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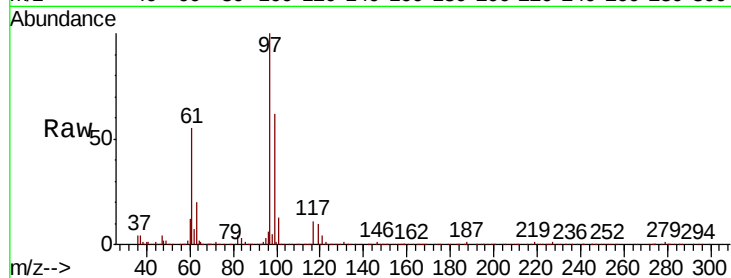
Tot Ion: 97 Resp: 142397

Ion Ratio Lower Upper

97 100

99 64.2 51.1 76.7

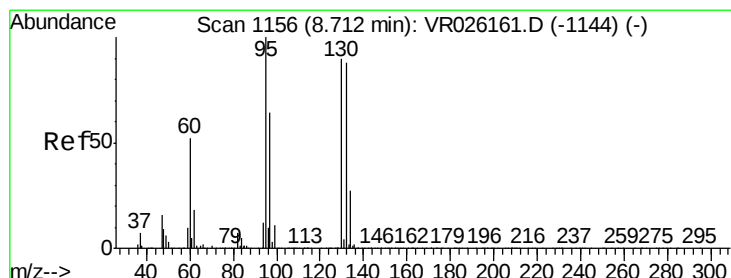
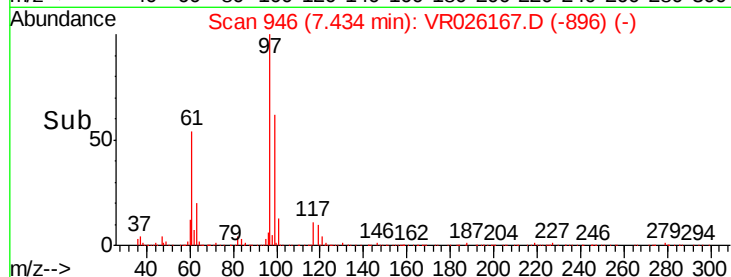
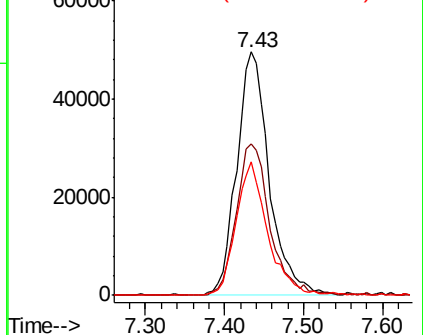
61 52.8 42.1 63.1



Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0



#34

Trichloroethene

Concen: 0.240 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR026167.D

Acq: 2 Nov 2018 19:02

Tgt Ion: 95 Resp: 10299

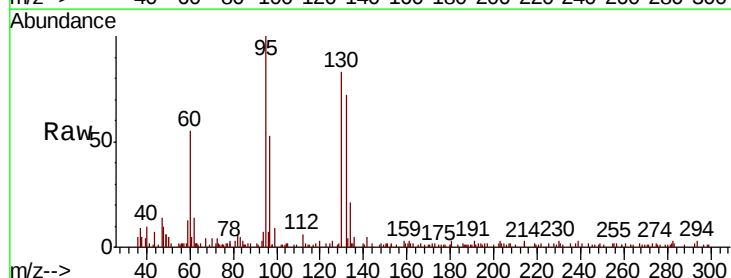
Ion Ratio Lower Upper

95 100

97 52.6 45.7 84.9

132 72.3 58.3 108.3

130 83.0 64.0 119.0

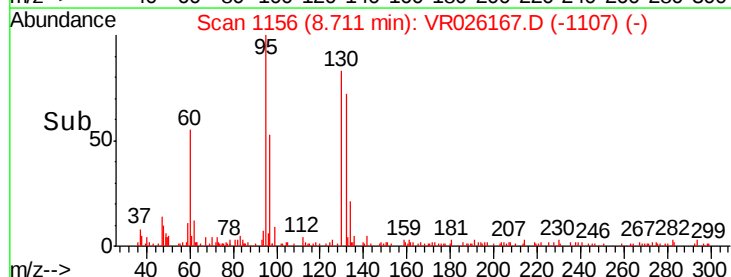
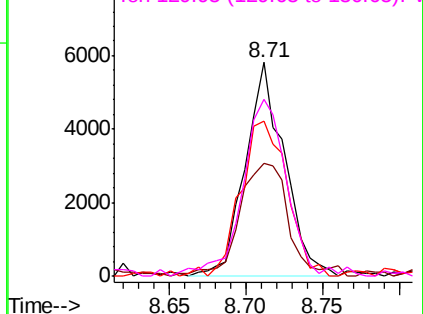


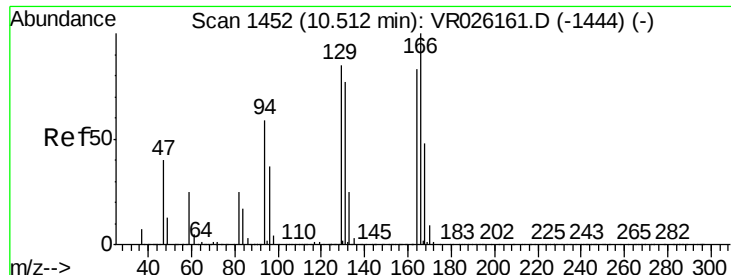
Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 0.276 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VR026167.D

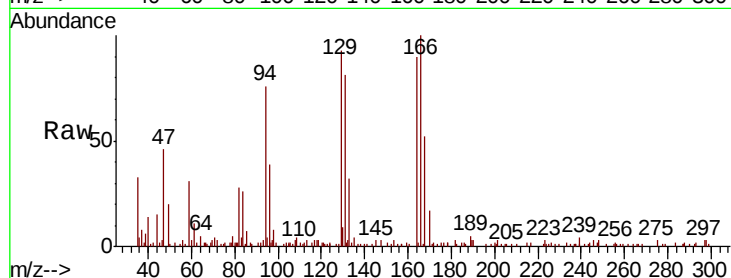
Acq: 2 Nov 2018 19:02

Instrument :

MSVOA_R

ClientSampleId :

C0BE5



Tot Ion:164 Resp: 8456

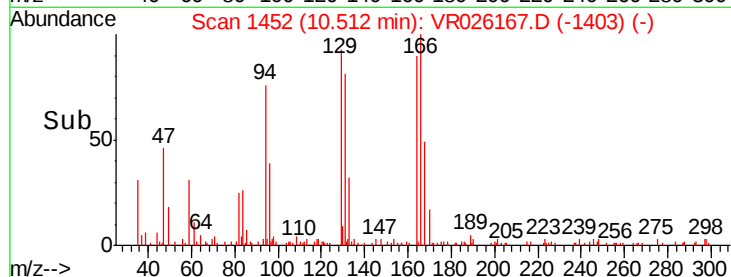
Ion Ratio Lower Upper

164 100

129 114.6 70.3 130.5

131 89.9 67.3 125.1

166 111.5 86.1 159.9



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

