

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR062118\
 Data File : VR025394.D
 Acq On : 21 Jun 2018 12:26
 Operator : SY/MD
 Sample : J3514-12
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KG9

Quant Time: Jun 22 03:45:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 02:50:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	512034	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	440416	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	145766	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	70450	4.04	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	2.64	69	61848	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	3.64	63	201375	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	6.59	46	302284	64.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.32%
24) Chloroform-d	7.20	84	350834	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	7.89	65	144206	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
32) Benzene-d6	7.86	84	713557	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	8.90	67	225978	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	9.97	98	611192	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	10.24	79	42419	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	10.59	63	243627	62.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.34%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	101634	6.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.20%#
64) 1,2-Dichlorobenzene-d4	13.51	152	143365	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

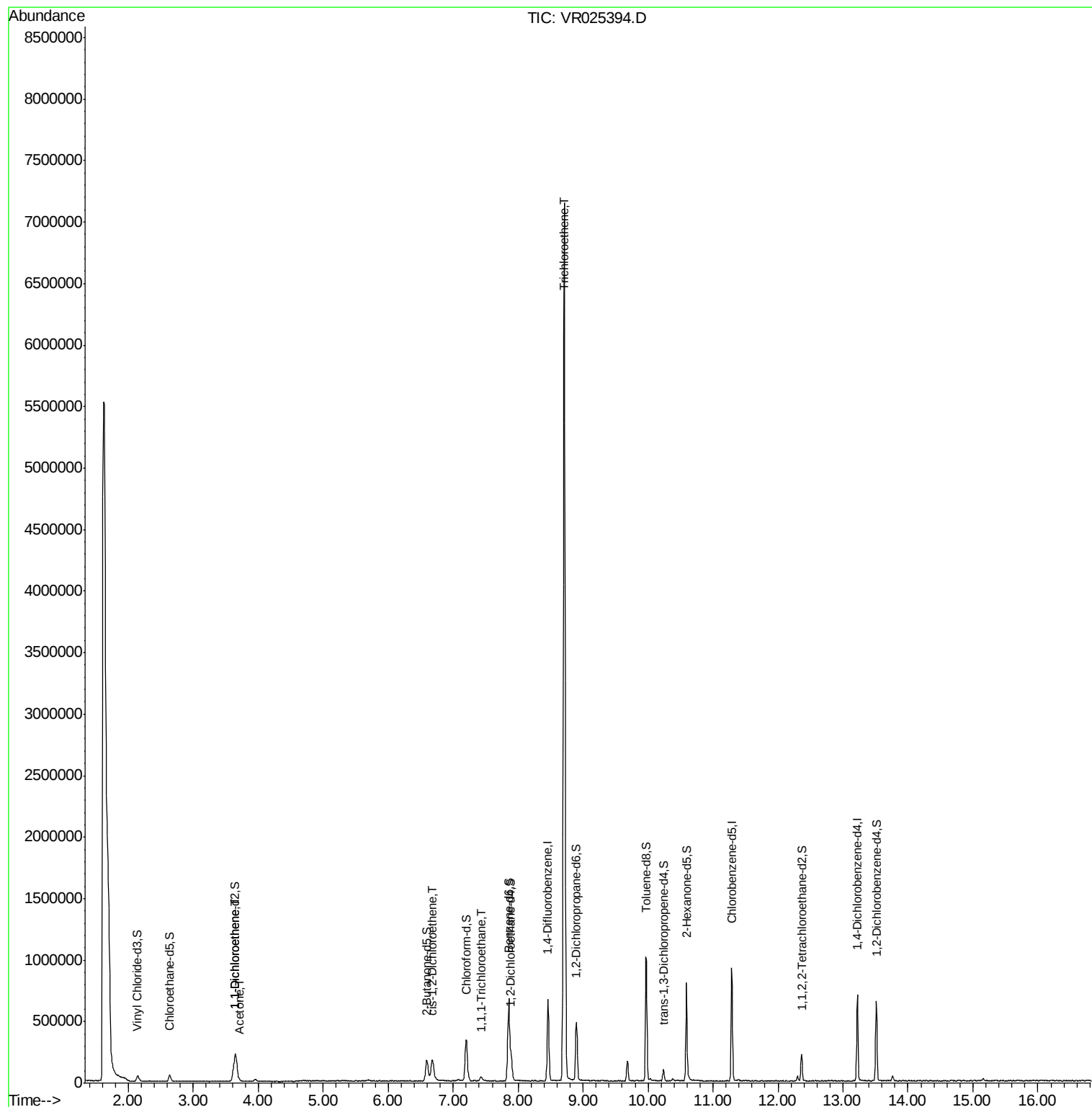
					Ovalue
12) 1,1-Dichloroethene	3.65	96	82212	4.57	ug/L 95
13) Acetone	3.71	43	11522	5.46	ug/L 97
22) cis-1,2-Dichloroethene	6.68	96	86367	2.24	ug/L # 90
29) 1,1,1-Trichloroethane	7.42	97	27441	0.52	ug/L 97
34) Trichloroethene	8.71	95	2537069	60.64	ug/L 98

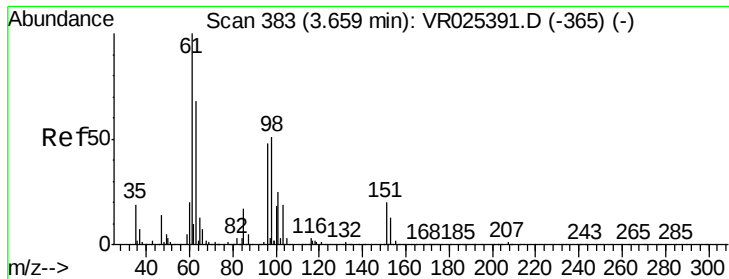
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.57 ug/L

RT: 3.65 min Scan# 382

Delta R.T. -0.01 min

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Instrument :

MSVOA_R

ClientSampleId :

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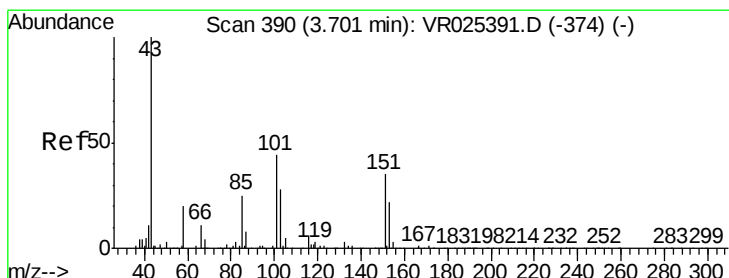
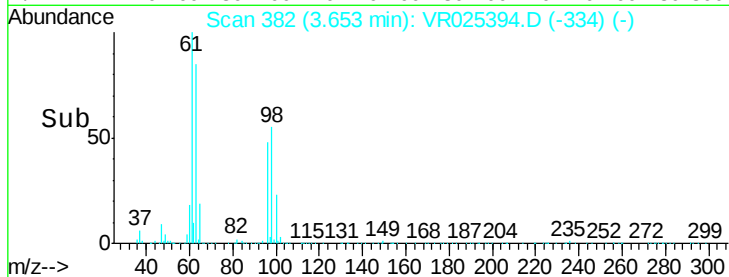
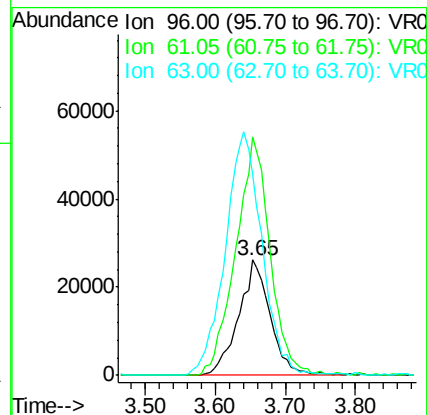
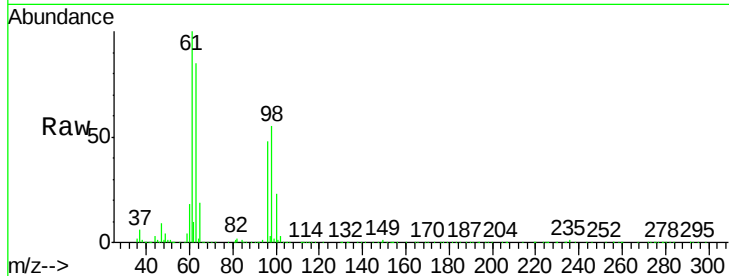
Tot Ion: 96 Resp: 82212

Ion Ratio Lower Upper

96 100

61 206.3 155.0 287.9

63 174.9 122.3 227.1



#13

Acetone

Concen: 5.46 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025394.D

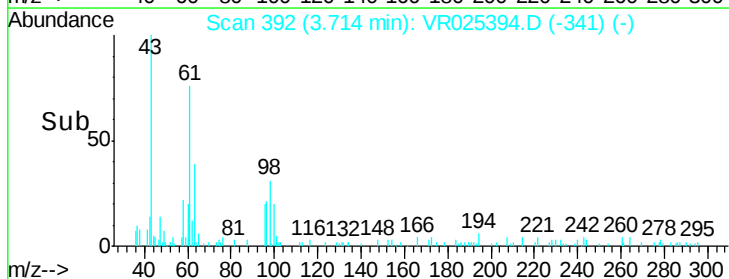
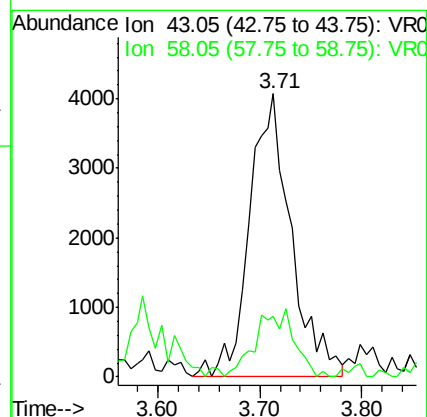
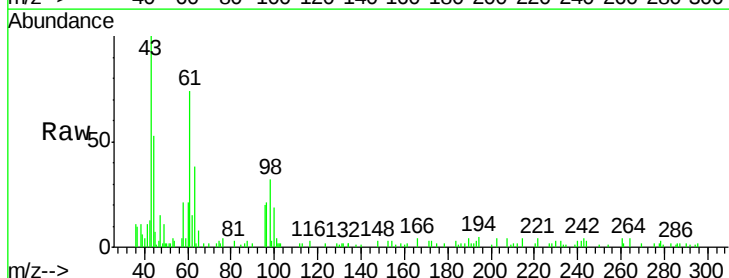
Acq: 21 Jun 2018 12:26

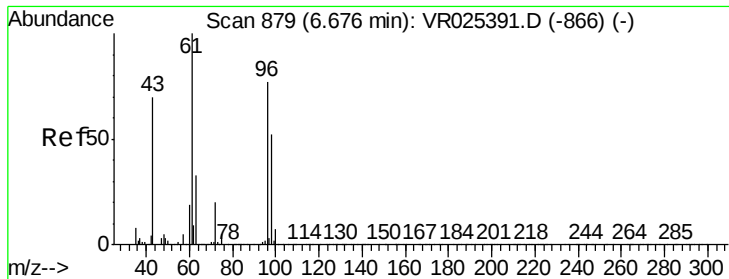
Tgt Ion: 43 Resp: 11522

Ion Ratio Lower Upper

43 100

58 22.1 0.0 41.6





#22

cis-1,2-Dichloroethene

Concen: 2.24 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.00 min

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Instrument :

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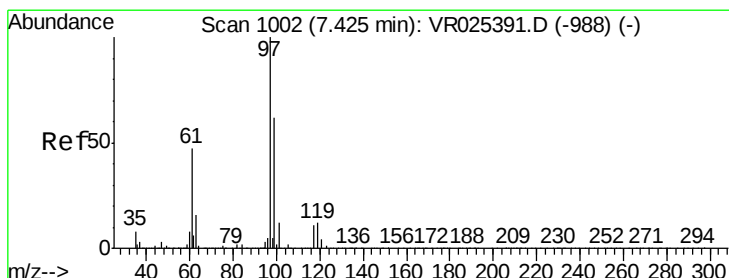
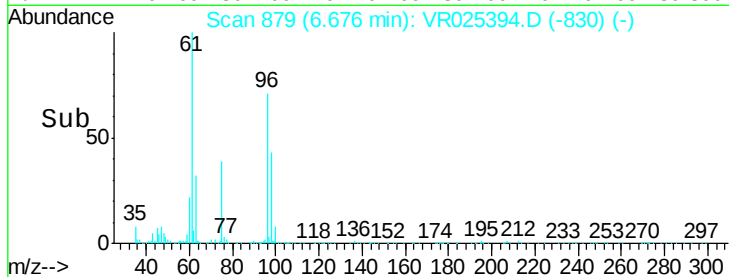
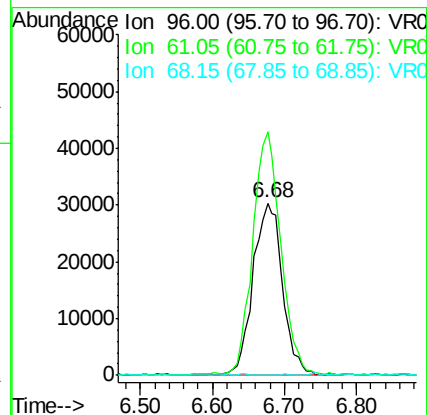
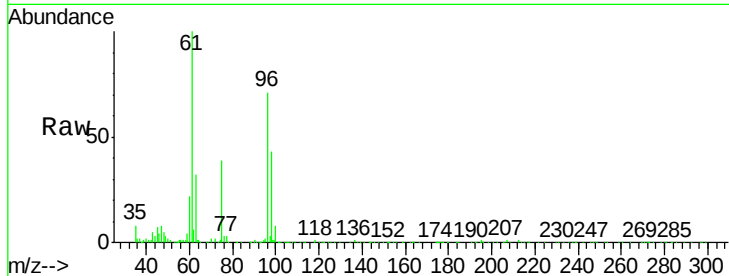
Tot Ion: 96 Resp: 86367

Ion Ratio Lower Upper

96 100

61 141.2 91.0 169.0

68 0.5 0.0 0.0#



#29

1,1,1-Trichloroethane

Concen: 0.52 ug/L

RT: 7.42 min Scan# 1002

Delta R.T. -0.00 min

Lab File: VR025394.D

Acq: 21 Jun 2018 12:26

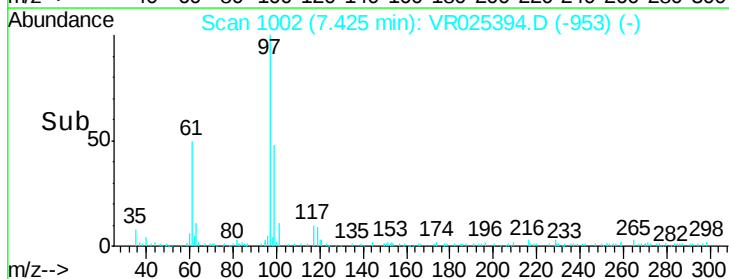
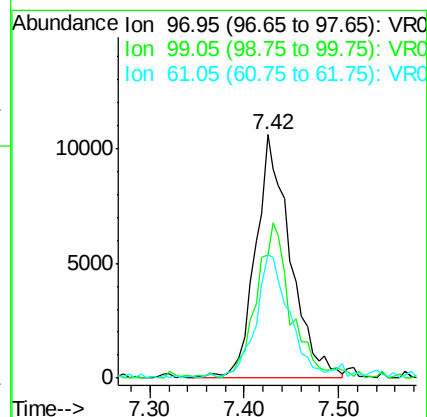
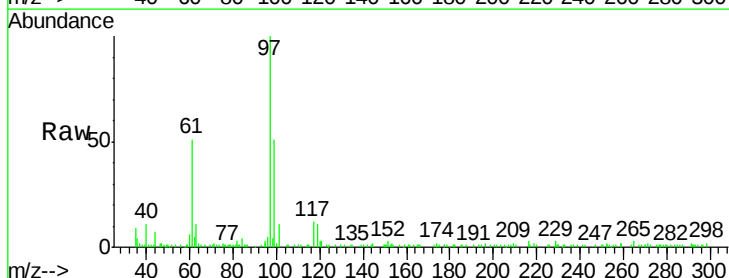
Tgt Ion: 97 Resp: 27441

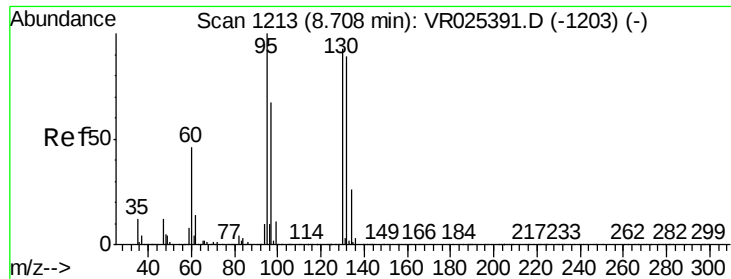
Ion Ratio Lower Upper

97 100

99 61.9 52.1 78.1

61 47.4 37.0 55.6





#34

Trichloroethene

Concen: 60.64 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

Lab File: VR025394.D

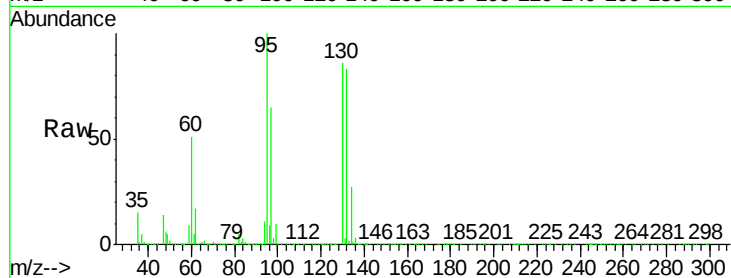
Acq: 21 Jun 2018 12:26

Instrument :

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ClientSampleId :

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Tot Ion: 95 Resp: 2537069

Ion Ratio Lower Upper

95 100

97 65.3 45.6 84.6

132 83.5 60.9 113.1

130 86.0 62.0 115.2

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

