

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR061618\
 Data File : VR025347.D
 Acq On : 17 Jun 2018 5:34
 Operator : SY/MD
 Sample : J3513-07
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 COKE3

Quant Time: Jun 18 04:55:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 04:02:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	511863	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	432628	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	139549	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	72823	4.18	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	2.63	69	65703	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	3.63	63	148052	3.30	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	6.59	46	253389	54.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.44%
24) Chloroform-d	7.20	84	282923	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	7.89	65	111757	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	7.86	84	561177	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
36) 1,2-Dichloropropane-d6	8.90	67	184329	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	9.97	98	457942	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloropropene-	10.24	79	25298	2.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	45.60%#
46) 2-Hexanone-d5	10.59	63	205430	53.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.74%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	84805	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	111343	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

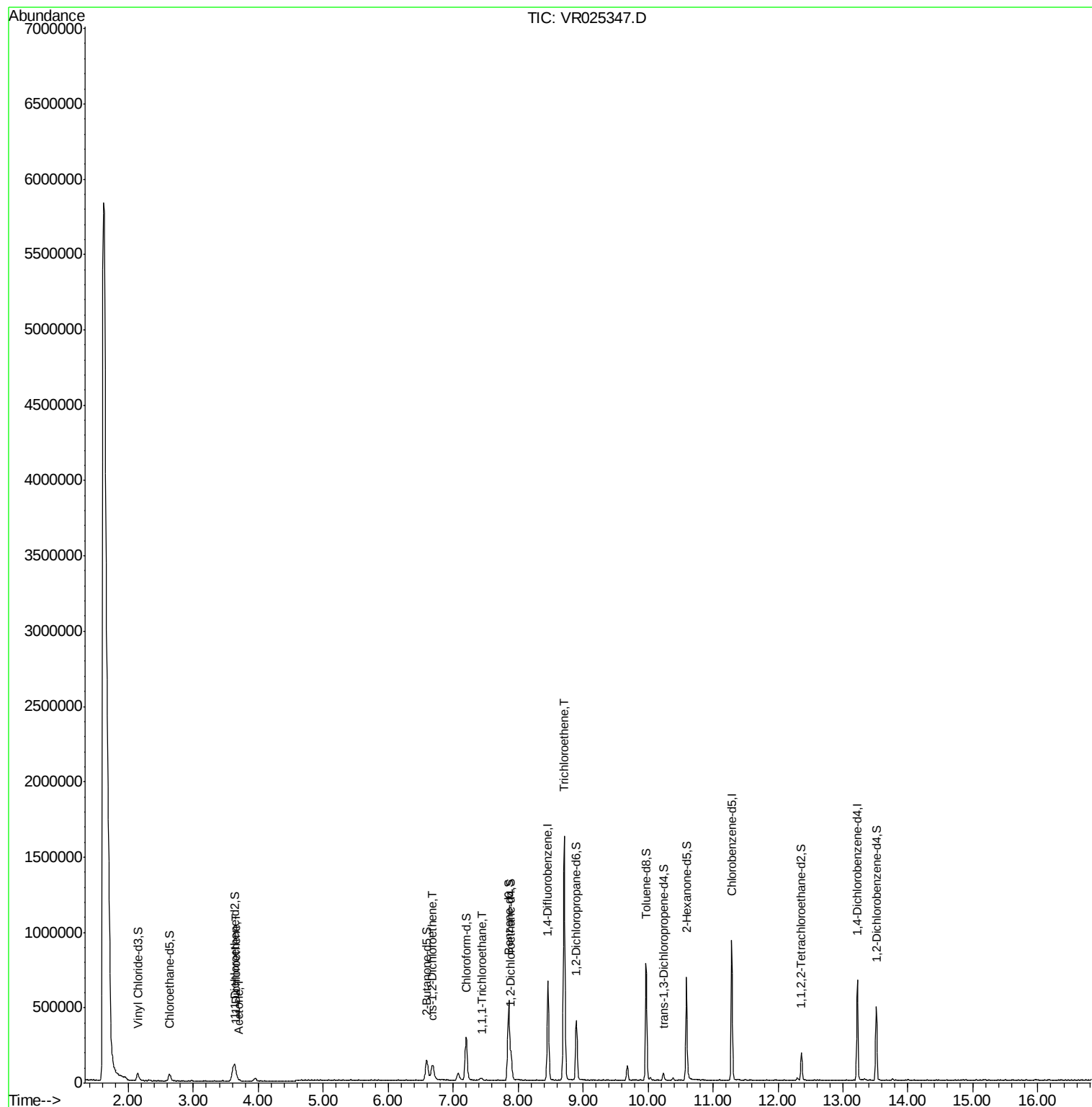
					Ovalue
12) 1,1-Dichloroethene	3.66	96	20221	1.124 ug/L #	27
13) Acetone	3.70	43	10823	5.128 ug/L	89
22) cis-1,2-Dichloroethene	6.68	96	32065	0.831 ug/L #	90
29) 1,1,1-Trichloroethane	7.44	97	10652	0.207 ug/L	89
34) Trichloroethene	8.71	95	556925	13.552 ug/L	99

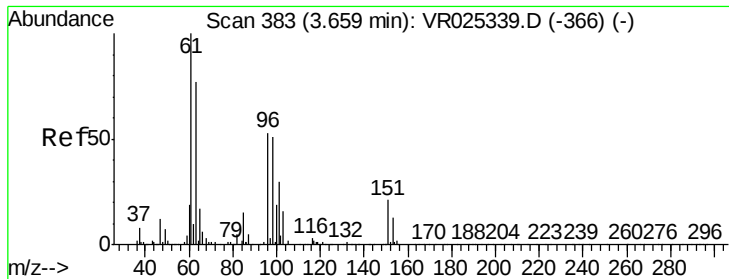
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.124 ug/L

RT: 3.66 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_R

ClientSampleId :

C0KE3

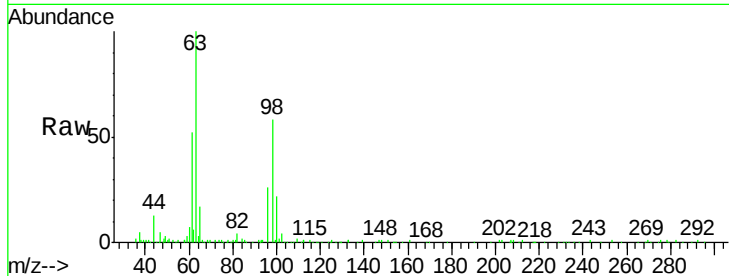
Tot Ion: 96 Resp: 20221

Ion Ratio Lower Upper

96 100

61 197.2 155.0 287.9

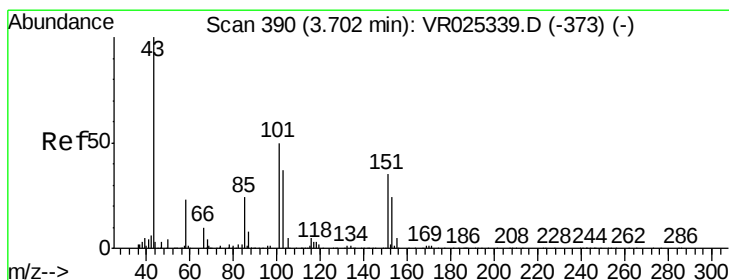
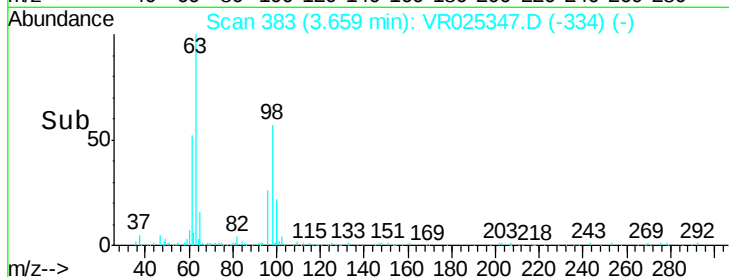
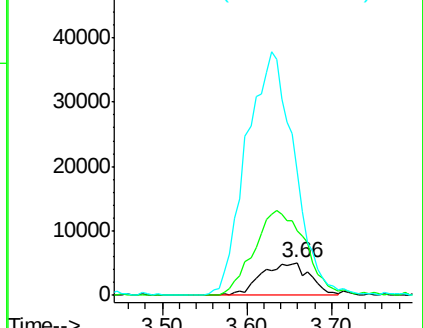
63 377.8 122.3 227.1#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#13

Acetone

Concen: 5.128 ug/L

RT: 3.70 min Scan# 390

Delta R.T. 0.00 min

Lab File: VR025347.D

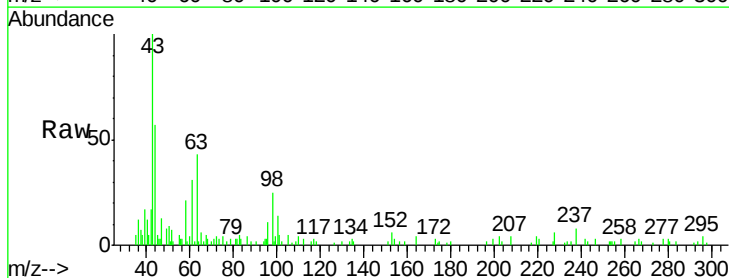
Acq: 17 Jun 2018 5:34

Tgt Ion: 43 Resp: 10823

Ion Ratio Lower Upper

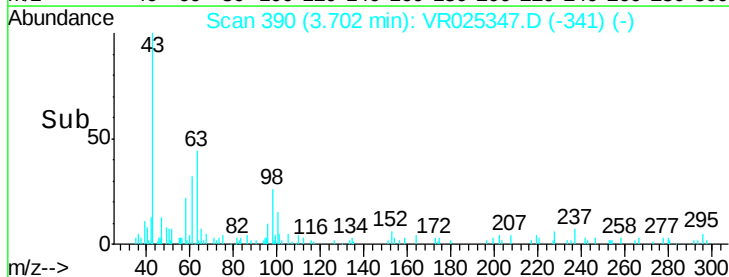
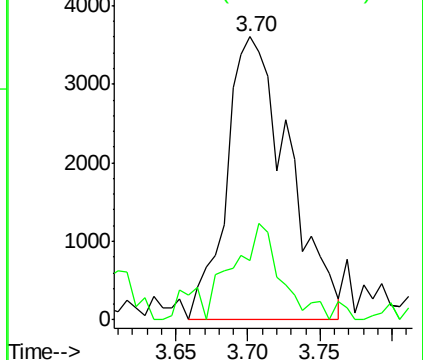
43 100

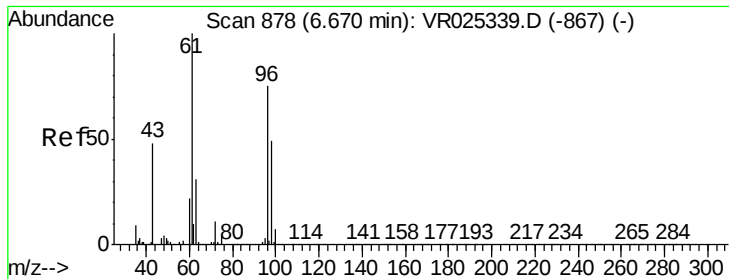
58 25.9 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



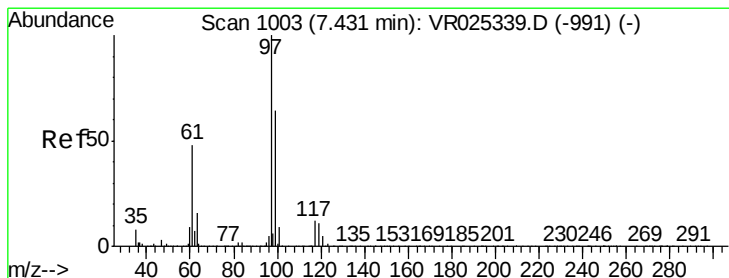
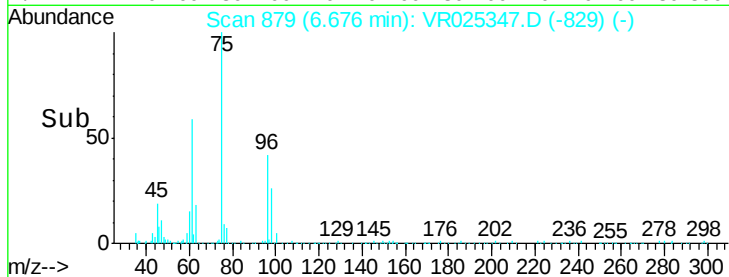
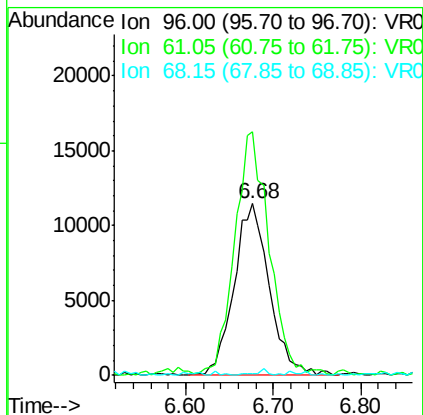
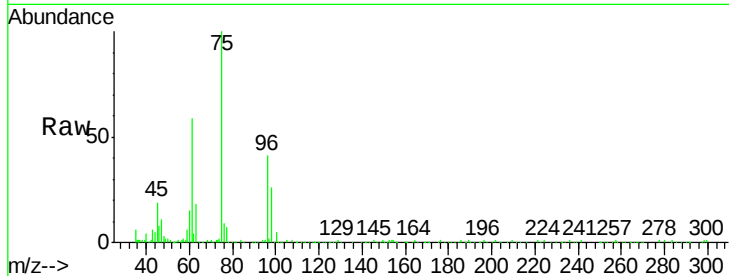


#22

cis-1,2-Dichloroethene
 Concen: 0.831 ug/L
 RT: 6.68 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: VR025347.D
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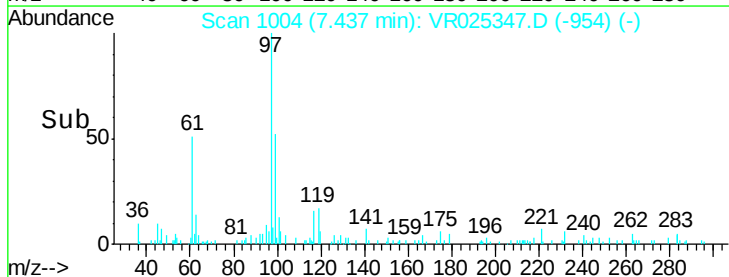
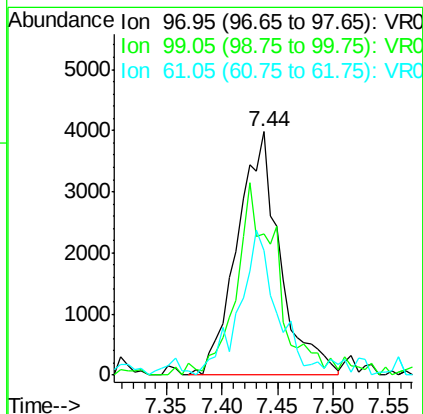
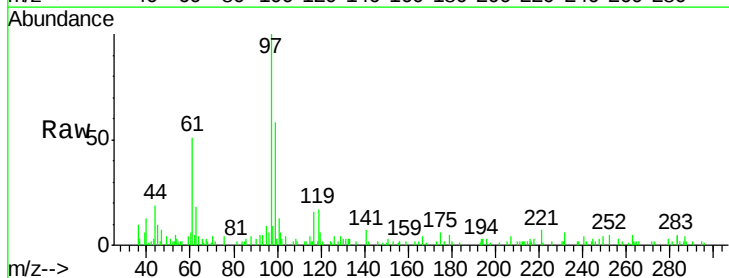
Tot Ion: 96 Resp: 32065
 Ion Ratio Lower Upper
 96 100
 61 142.1 91.0 169.0
 68 1.3 0.0 0.0#

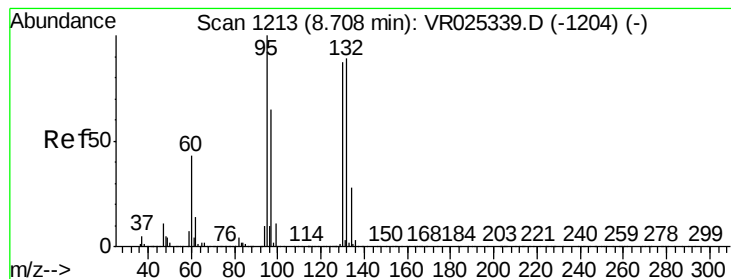


#29

1,1,1-Trichloroethane
 Concen: 0.207 ug/L
 RT: 7.44 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: VR025347.D
 Acq: 17 Jun 2018 5:34

Tgt Ion: 97 Resp: 10652
 Ion Ratio Lower Upper
 97 100
 99 75.5 52.1 78.1
 61 51.0 37.0 55.6





#34

Trichloroethene

Concen: 13.552 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025347.D

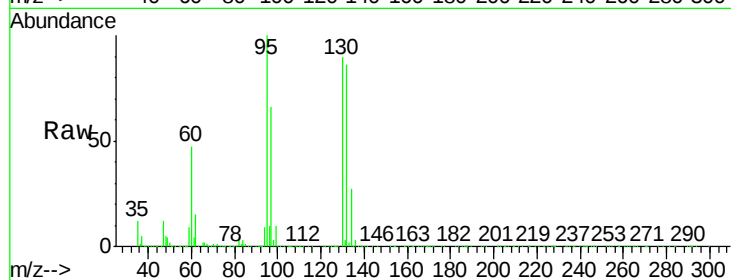
Acq: 17 Jun 2018 5:34

Instrument :

MSVOA_R

ClientSampleId :

COKE3



Tot Ion: 95 Resp: 556925

Ion Ratio Lower Upper

95 100

97 66.1 45.6 84.6

132 85.6 60.9 113.1

130 90.0 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

