

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062119\
 Data File : VV011671.D
 Acq On : 21 Jun 2019 03:38
 Operator : SY/MD
 Sample : K3381-17 2000X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCM7

Quant Time: Jun 21 04:57:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 21 04:33:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	159099	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	152844	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60002	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45755	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	30146	4.06	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.12	63	73360	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	3.96	46	152127	54.69	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.38%
24) Chloroform-d	4.40	84	75081	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	5.08	65	56837	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.09	84	190612	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.12	67	59719	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.36	98	160591	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.66	79	17388	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.14	63	111454	51.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42238	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	53781	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

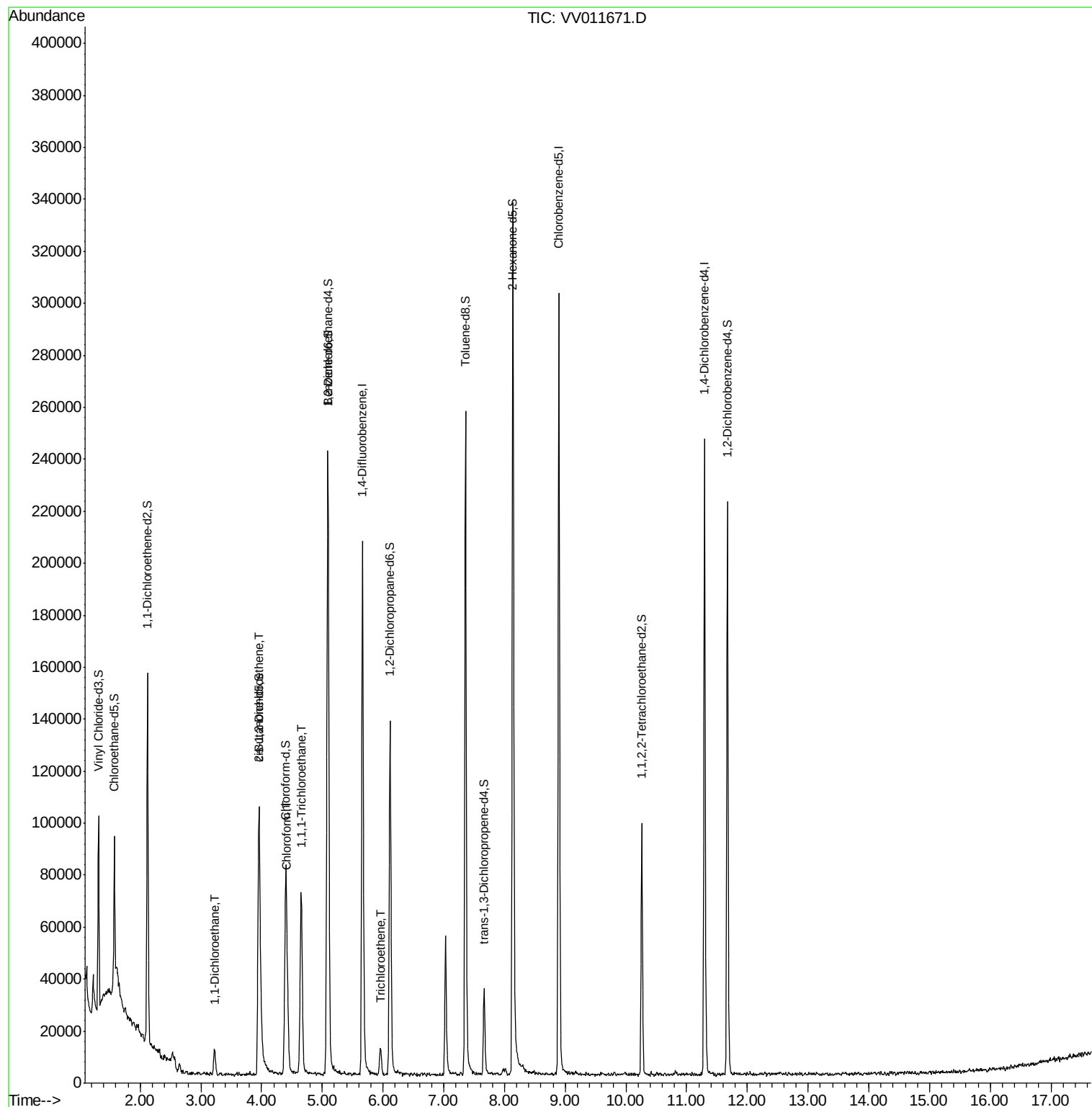
					Ovalue
19) 1,1-Dichloroethane	3.22	63	9720	0.422 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	11016	0.866 ug/L	97
25) Chloroform	4.42	83	21203	0.839 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	51811	2.633 ug/L	100
34) Trichloroethene	5.96	95	2932	0.218 ug/L	94

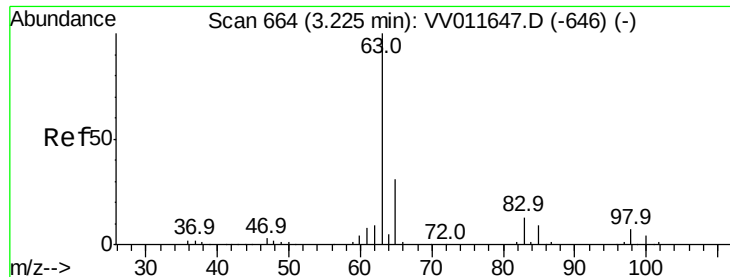
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.422 ug/L

RT: 3.22 min Scan# 663

Delta R.T. -0.00 min

Lab File: VV011671.D

Acq: 21 Jun 2019 03:38

Instrument :

MSVOA_V

ClientSampleId :

BFCM7

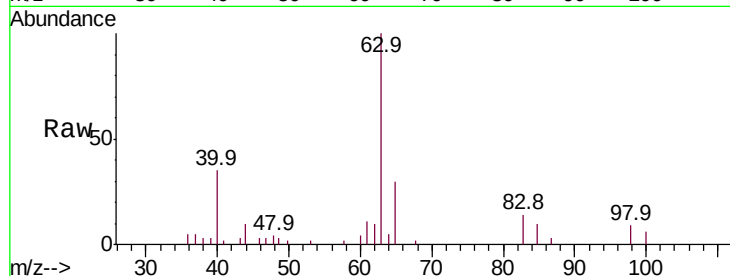
Tot Ion: 63 Resp: 9720

Ion Ratio Lower Upper

63 100

65 30.4 23.0 42.8

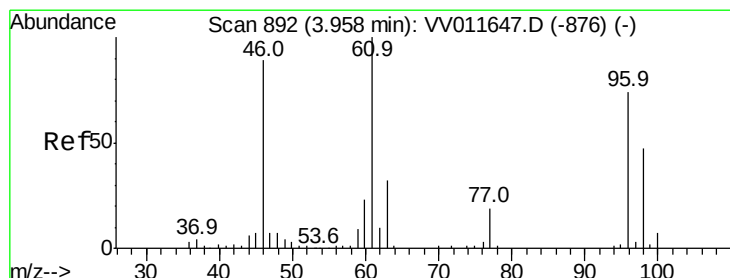
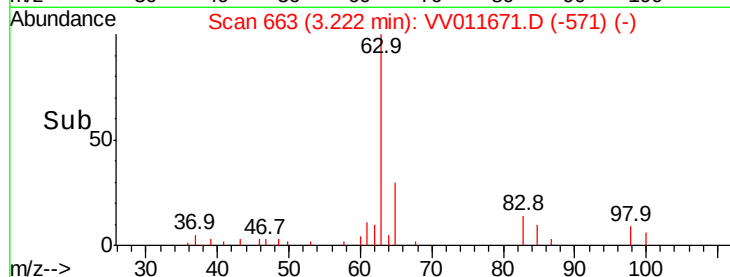
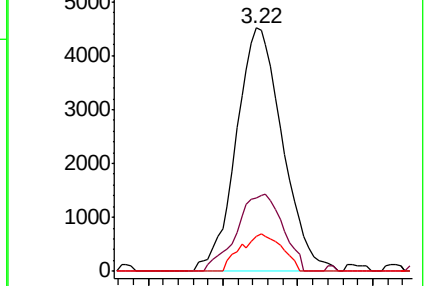
83 14.5 9.5 17.7



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.866 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV011671.D

Acq: 21 Jun 2019 03:38

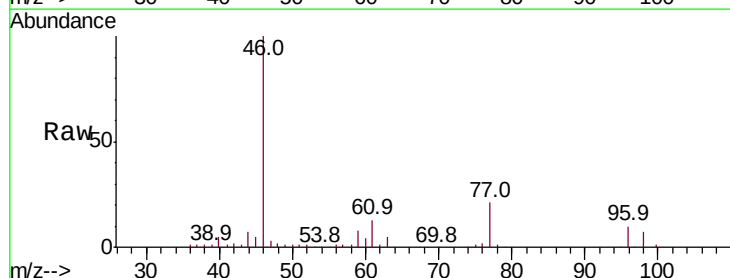
Tgt Ion: 96 Resp: 11016

Ion Ratio Lower Upper

96 100

61 135.9 97.9 181.7

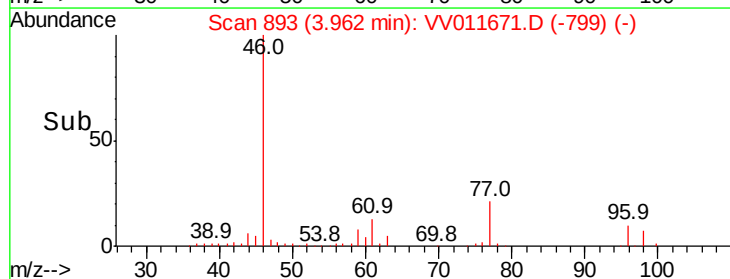
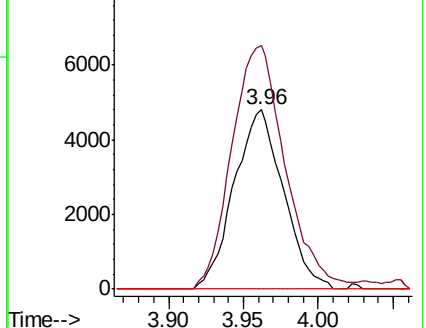
68 0.0 0.0 0.0

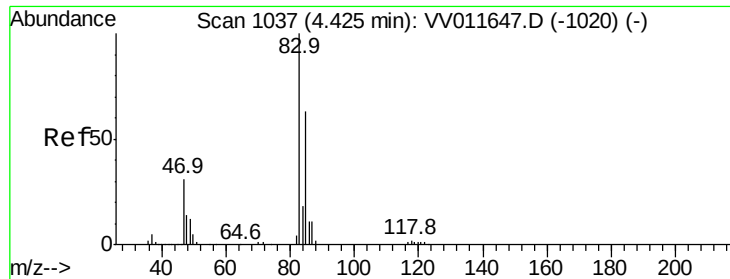


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

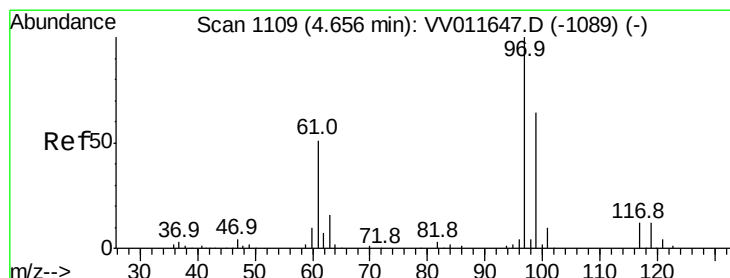
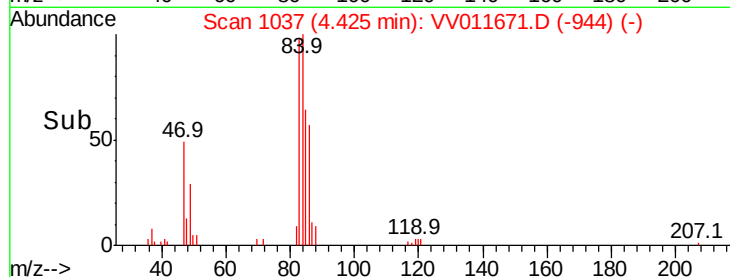
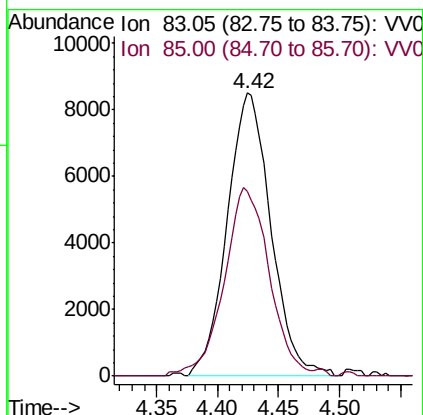
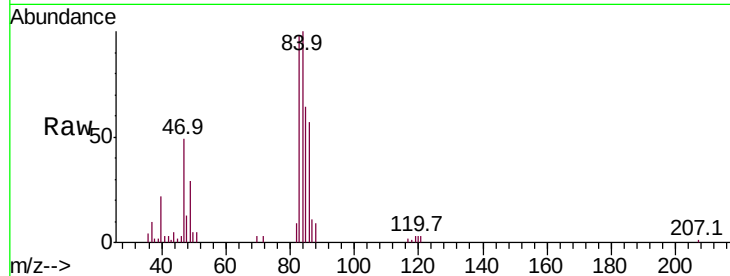




#25
Chloroform
Concen: 0.839 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV011671.D
Acq: 21 Jun 2019 03:38

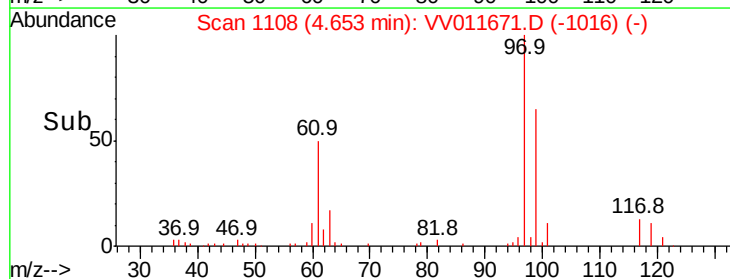
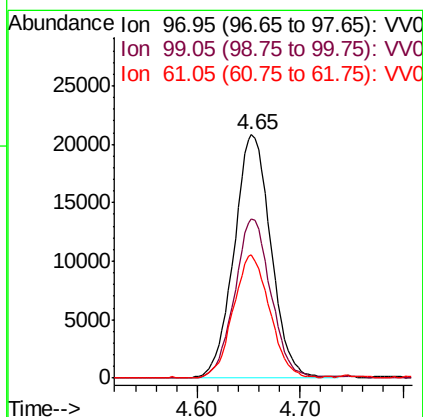
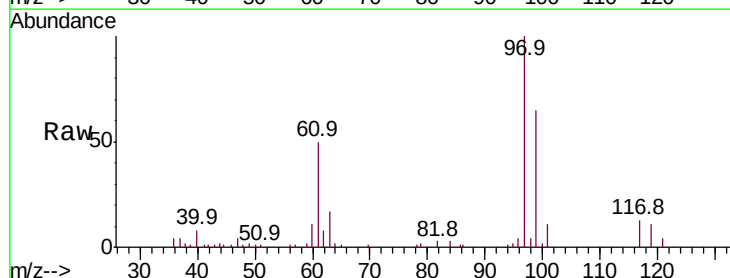
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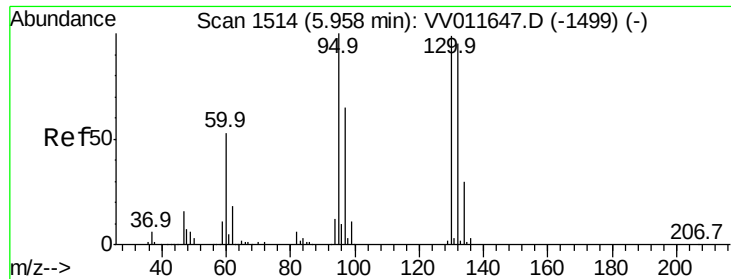
Tot Ion: 83 Resp: 21203
Ion Ratio Lower Upper
83 100
85 65.4 47.0 87.2



#29
1,1,1-Trichloroethane
Concen: 2.633 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VV011671.D
Acq: 21 Jun 2019 03:38

Tgt Ion: 97 Resp: 51811
Ion Ratio Lower Upper
97 100
99 64.2 51.6 77.4
61 50.2 39.8 59.6





#34

Trichloroethene

Concen: 0.218 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011671.D

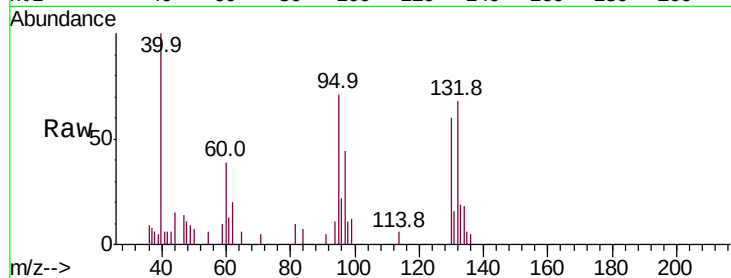
Acq: 21 Jun 2019 03:38

Instrument :

MSVOA_V

ClientSampleId :

BFCM7



Tot Ion: 95 Resp: 2932

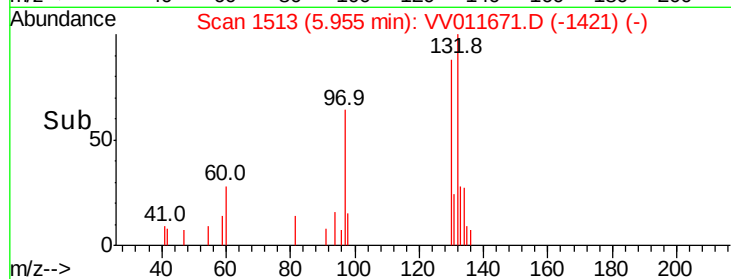
Ion Ratio Lower Upper

95 100

97 61.7 44.4 82.5

132 96.3 65.0 120.6

130 84.5 67.1 124.7



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

