

Data File : VR026165.D
Acq On : 2 Nov 2018 17:55
Operator : SY/MD
Sample : J5802-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0BE3

Quant Time: Nov 03 06:49:46 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	533154	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	453452	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	152083	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	180791	3.87	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	2.63	69	181817	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	3.63	63	338969	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	6.59	46	246370	64.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.62%
24) Chloroform-d	7.20	84	362810	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	7.90	65	161087	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	7.86	84	681499	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	8.90	67	195482	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	9.97	98	615072	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	10.24	79	46218	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	10.59	63	200735	70.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	140.90%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	84954	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	129565	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

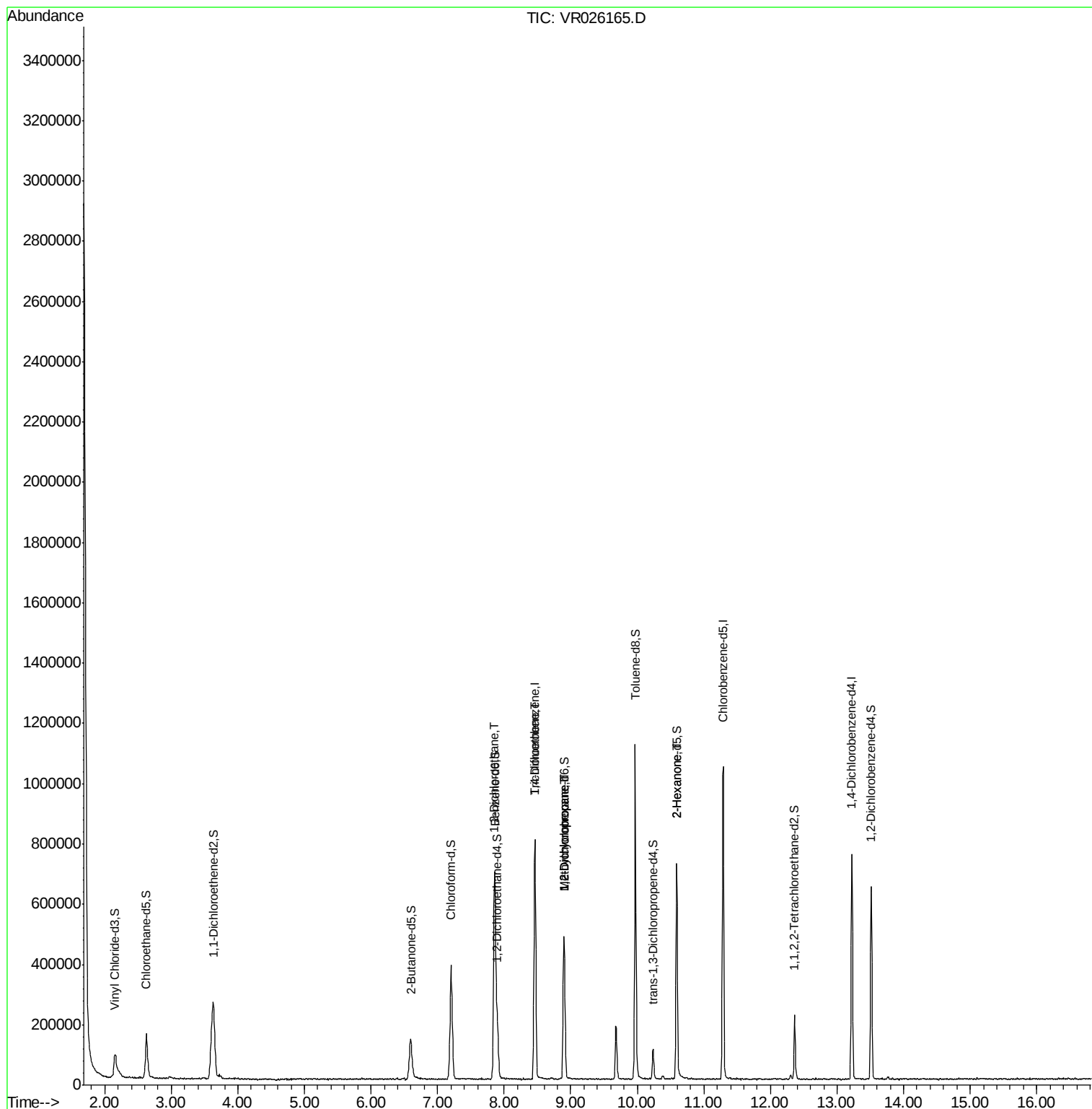
					Qvalue
27) 1,2-Dichloroethane	7.85	62	5257	0.149 ug/L	97
34) Trichloroethene	8.46	95	17456	0.401 ug/L #	9
35) Methylcyclohexane	8.90	83	47575	0.734 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	25019	0.697 ug/L #	95
48) 2-Hexanone	10.59	43	30791	4.300 ug/L #	69

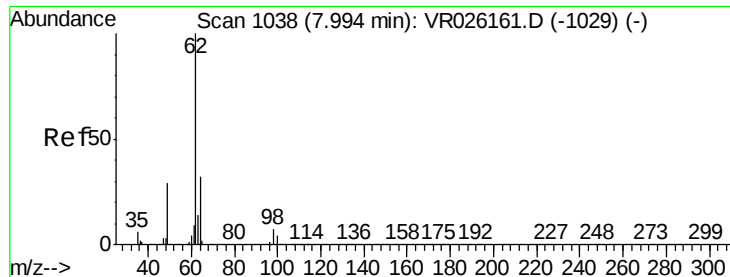
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#27

1,2-Dichloroethane

Concen: 0.149 ug/L

RT: 7.85 min Scan# 1014

Delta R.T. -0.15 min

Lab File: VR026165.D

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MSVOA_R

ClientSampleId :

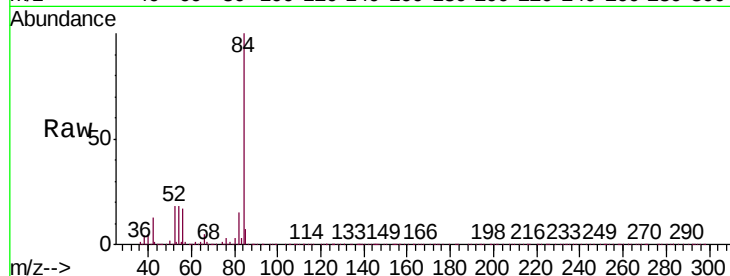
C0BE3

Tgt Ion: 62 Resp: 5257

Ion Ratio Lower Upper

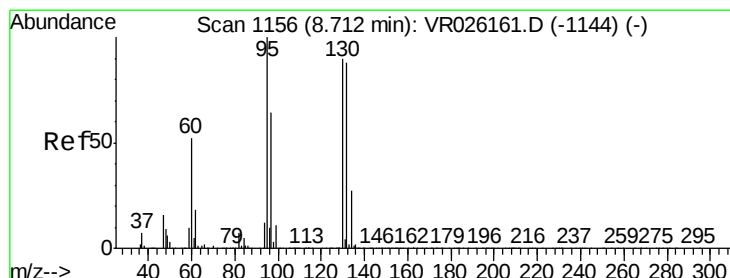
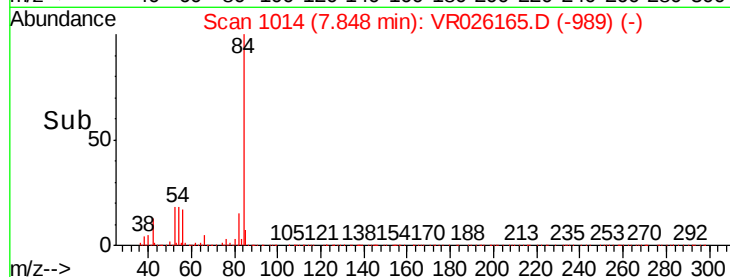
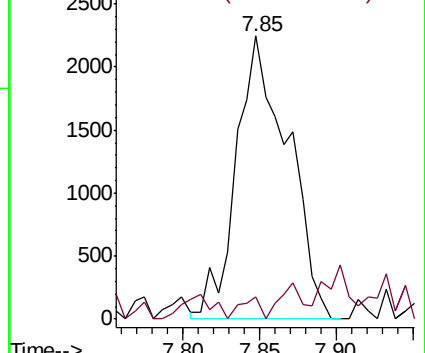
62 100

98 8.0 5.6 8.4



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 98.05 (97.75 to 98.75): VR0



#34

Trichloroethene

Concen: 0.401 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.26 min

Lab File: VR026165.D

Acq: 2 Nov 2018 17:55

Tgt Ion: 95 Resp: 17456

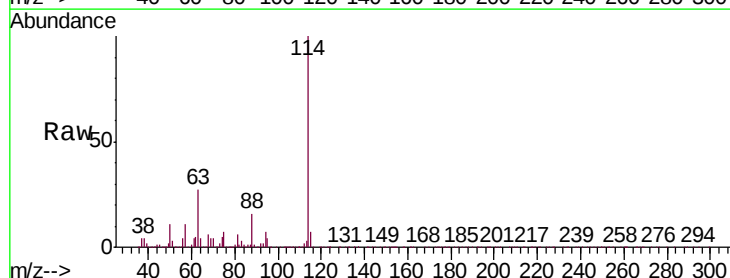
Ion Ratio Lower Upper

95 100

97 0.9 45.7 84.9#

132 0.5 58.3 108.3#

130 0.0 64.0 119.0#

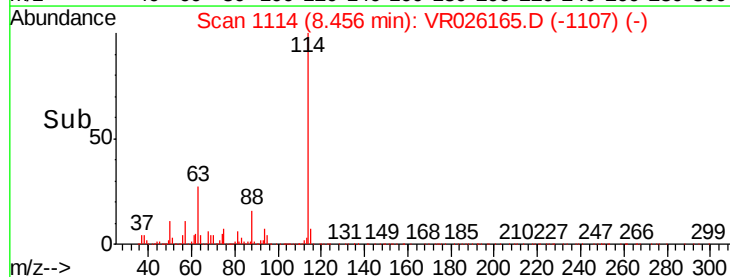
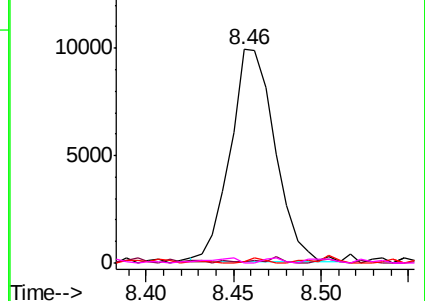


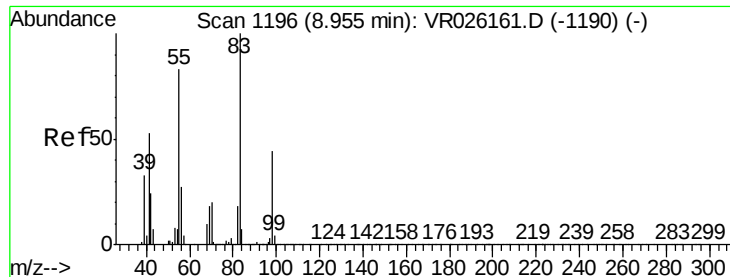
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

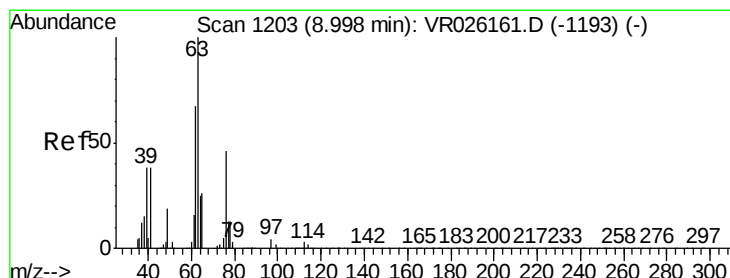
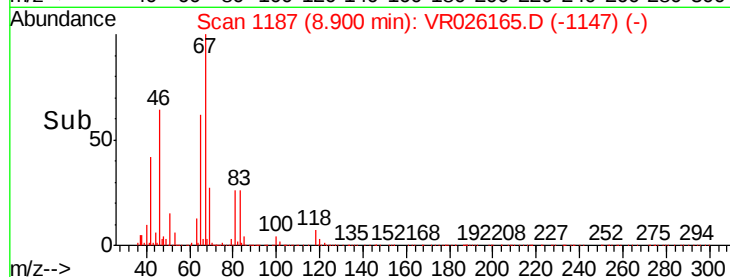
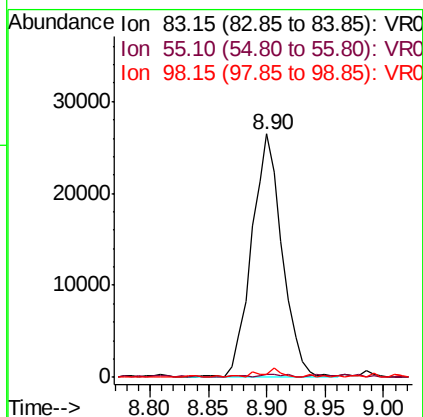
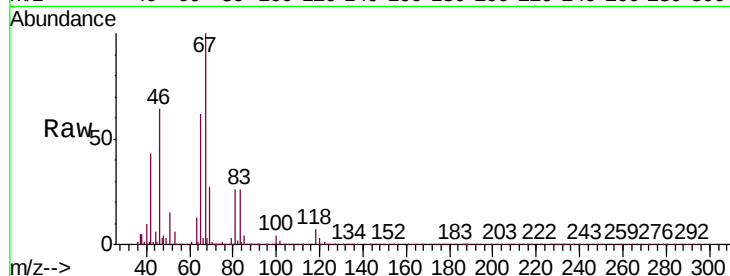




#35
Methylcyclohexane
Concen: 0.734 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026165.D
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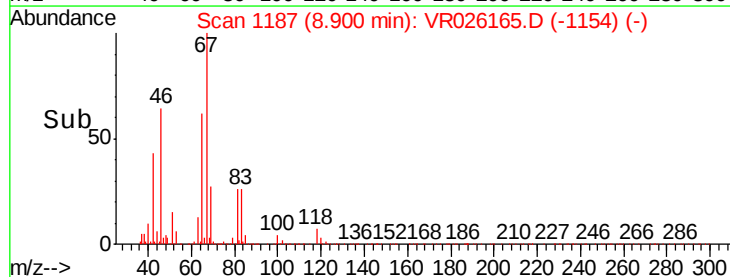
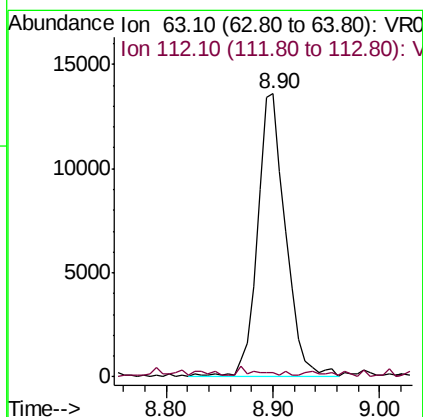
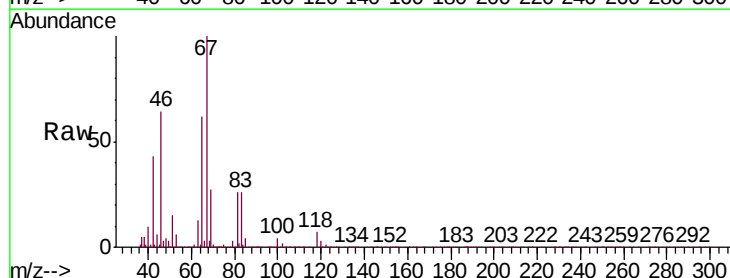
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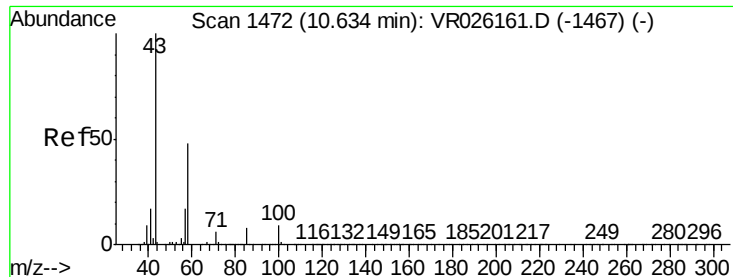
Tgt Ion: 83 Resp: 47575
Ion Ratio Lower Upper
83 100
55 1.0 66.8 100.2#
98 2.9 35.2 52.8#



#37
1,2-Dichloropropane
Concen: 0.697 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026165.D
Acq: 2 Nov 2018 17:55

Tgt Ion: 63 Resp: 25019
Ion Ratio Lower Upper
63 100
112 1.9 2.7 4.1#





#48

2-Hexanone

Concen: 4.300 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026165.D

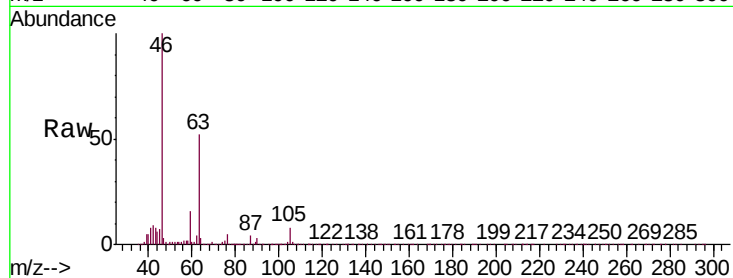
Acq: 2 Nov 2018 17:55

Instrument :

MSVOA_R

ClientSampleId :

C0BE3



Tgt Ion: 43 Resp: 30791

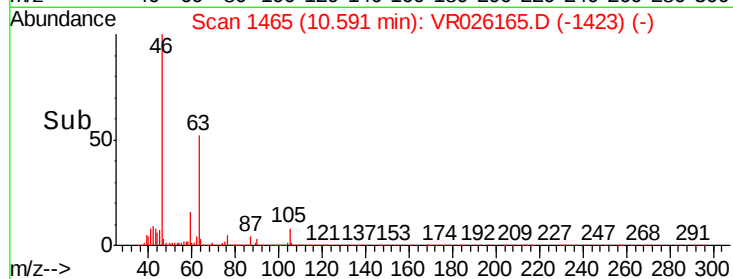
Ion Ratio Lower Upper

43 100

58 23.9 39.6 59.4#

57 26.2 14.0 21.0#

100 3.8 7.0 10.6#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

