

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071618\
 Data File : VR025478.D
 Acq On : 16 Jul 2018 16:06
 Operator : SY/MD
 Sample : J4002-12
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AH2

Quant Time: Jul 17 01:11:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 17 01:11:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.45	114	740259	5.00	ug/L	-0.02
28) Chlorobenzene-d5	11.28	117	608839	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	214365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.13	65	26776	1.31	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	26.20%#
7) Chloroethane-d5	2.62	69	30418	1.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	35.00%#
11) 1,1-Dichloroethene-d2	3.60	63	37027	0.60	ug/L	-0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	12.00%#
20) 2-Butanone-d5	6.57	46	334982	52.85	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.70%
24) Chloroform-d	7.18	84	265927	2.64	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	52.80%#
26) 1,2-Dichloroethane-d4	7.87	65	115839	2.99	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.80%#
32) Benzene-d6	7.84	84	342258	1.68	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	33.60%#
36) 1,2-Dichloropropane-d6	8.88	67	154617	2.62	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	52.40%#
41) Toluene-d8	9.96	98	222300	1.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	24.80%#
43) trans-1,3-Dichloropropene-	10.23	79	38084	2.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	48.60%#
46) 2-Hexanone-d5	10.58	63	264152	52.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.38%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	108456	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	128978	3.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.80%#

Target Compounds

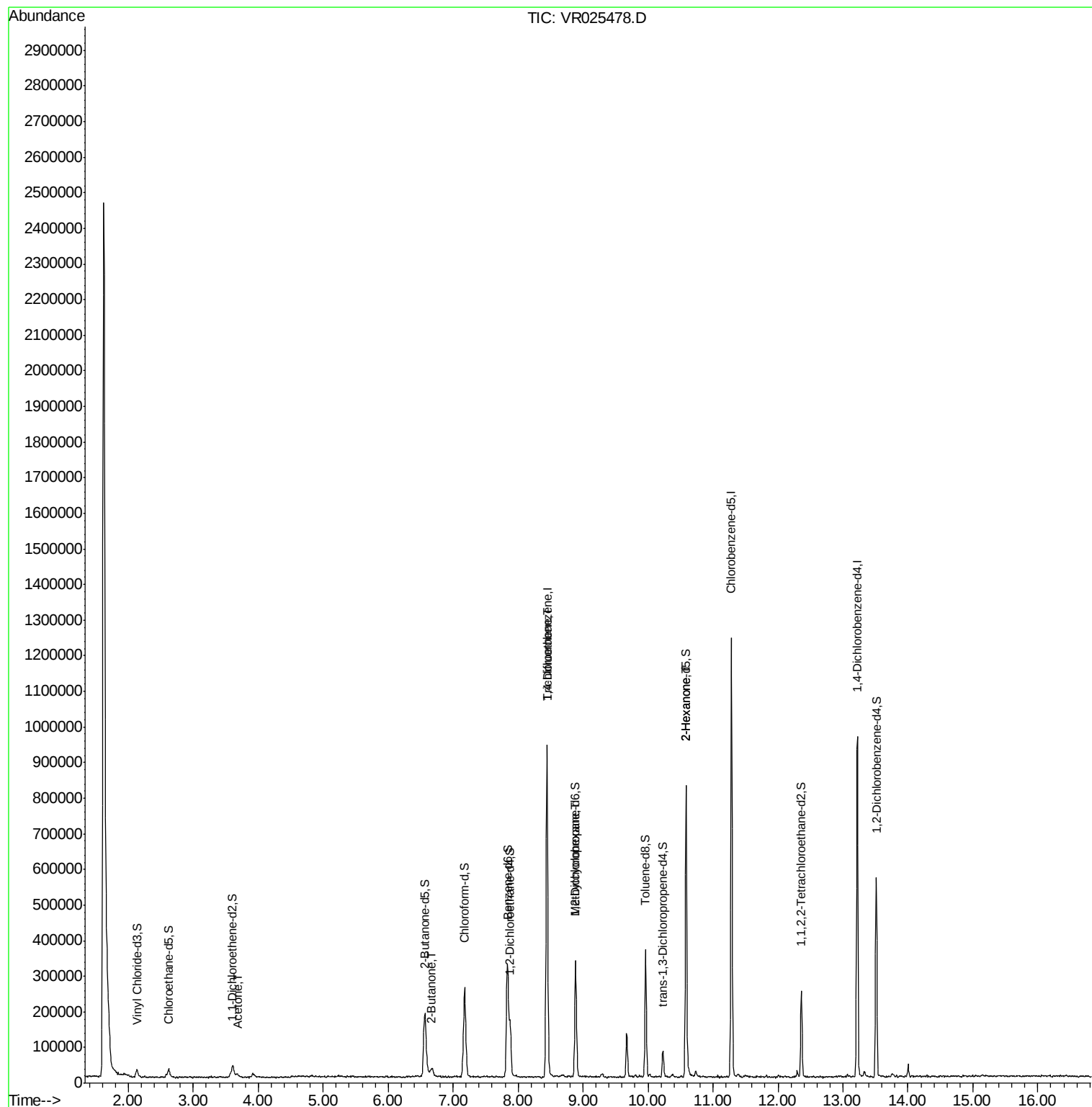
					Qvalue
13) Acetone	3.68	43	16227	5.682 ug/L	99
21) 2-Butanone	6.66	43	5081	0.764 ug/L	86
34) Trichloroethene	8.44	95	20081	0.376 ug/L #	9
35) Methylcyclohexane	8.88	83	33988	0.476 ug/L #	17
48) 2-Hexanone	10.59	43	32778	3.371 ug/L #	71

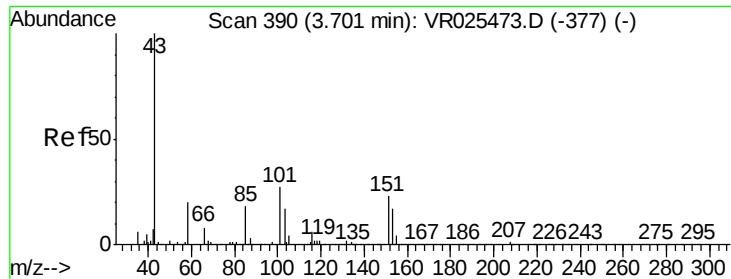
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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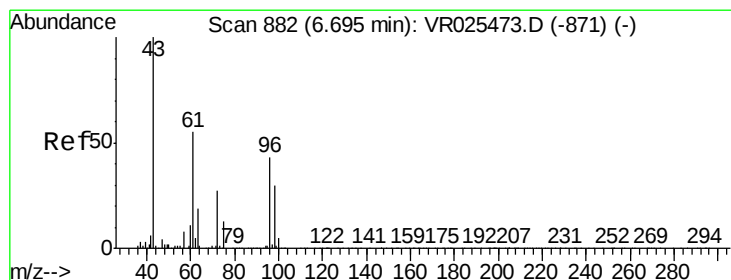
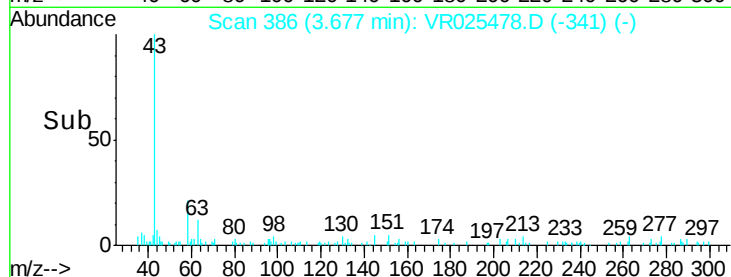
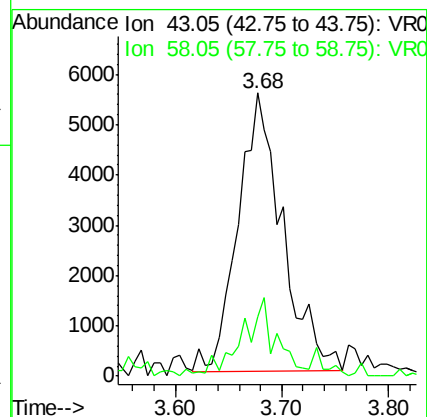
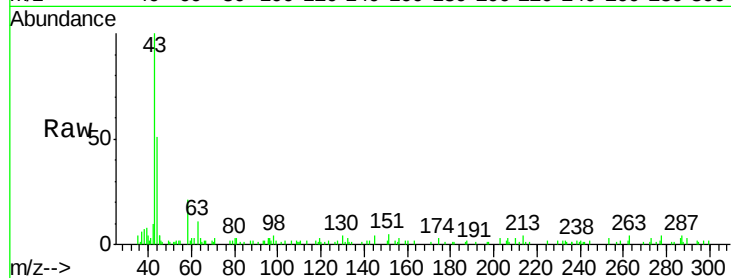




#13
Acetone
Concen: 5.682 ug/L
RT: 3.68 min Scan# 386
Delta R.T. -0.02 min
Lab File: VR025478.D
Acq: 16 Jul 2018 16:06

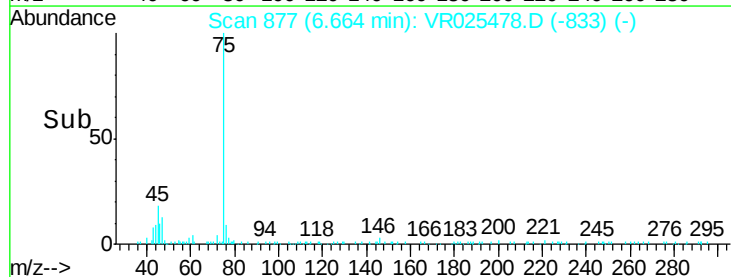
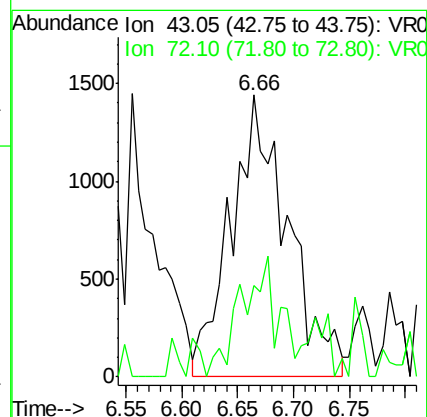
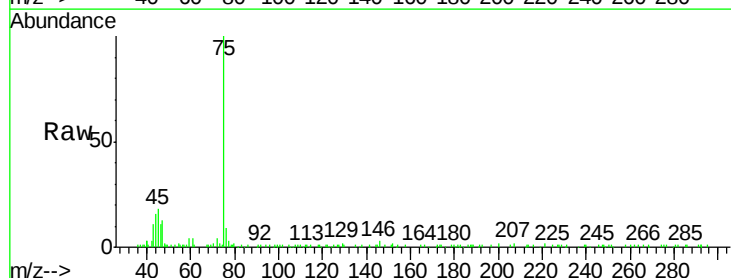
Instrument :
MSVOA_R
ClientSampleId :
C0AH2

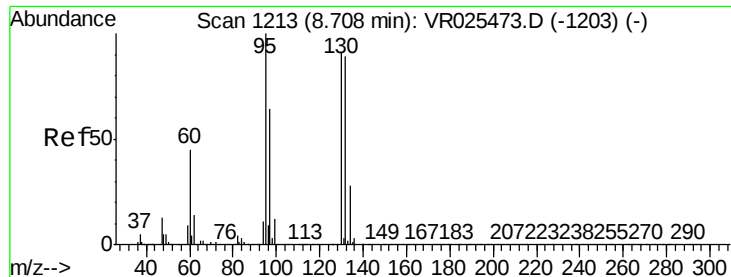
Tgt Ion: 43 Resp: 16227
Ion Ratio Lower Upper
43 100
58 21.5 0.0 41.6



#21
2-Butanone
Concen: 0.764 ug/L
RT: 6.66 min Scan# 877
Delta R.T. -0.03 min
Lab File: VR025478.D
Acq: 16 Jul 2018 16:06

Tgt Ion: 43 Resp: 5081
Ion Ratio Lower Upper
43 100
72 18.9 13.0 38.9





#34

Trichloroethene

Concen: 0.376 ug/L

RT: 8.44 min Scan# 1169

Delta R.T. -0.27 min

Lab File: VR025478.D

Acq: 16 Jul 2018 16:06

Instrument :

MSVOA_R

ClientSampleId :

C0AH2

Tgt Ion: 95 Resp: 20081

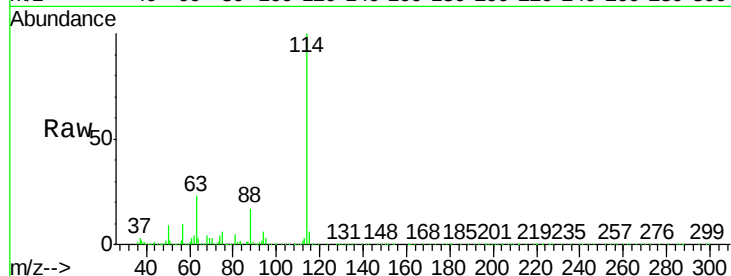
Ion Ratio Lower Upper

95 100

97 0.6 45.6 84.6#

132 0.0 60.9 113.1#

130 0.8 62.0 115.2#

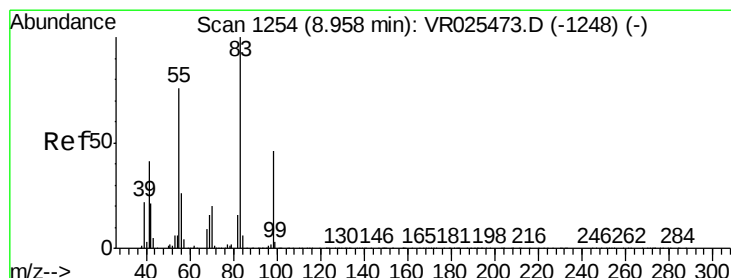
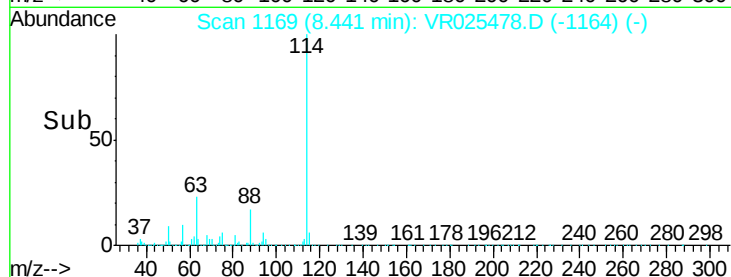
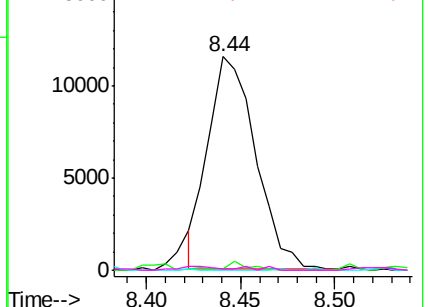


Abundance Ion 95.00 (94.70 to 95.70): VR0

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



#35

Methylcyclohexane

Concen: 0.476 ug/L

RT: 8.88 min Scan# 1242

Delta R.T. -0.07 min

Lab File: VR025478.D

Acq: 16 Jul 2018 16:06

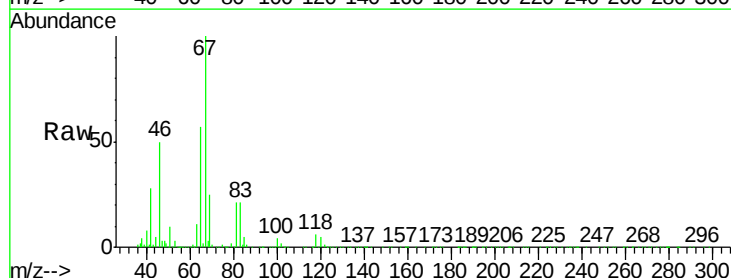
Tgt Ion: 83 Resp: 33988

Ion Ratio Lower Upper

83 100

55 0.7 66.1 99.1#

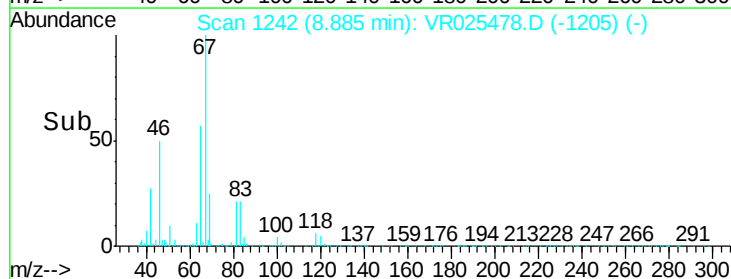
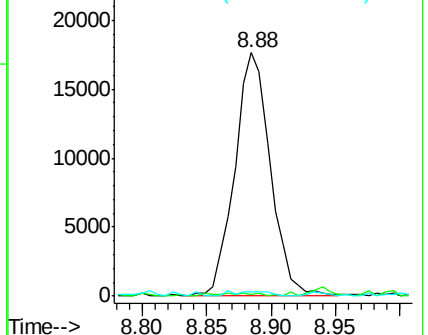
98 0.0 36.2 54.4#

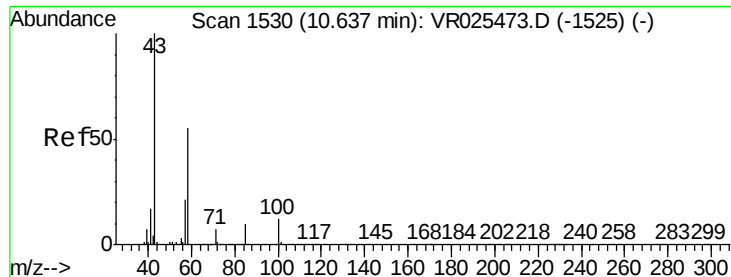


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#48

2-Hexanone

Concen: 3.371 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025478.D

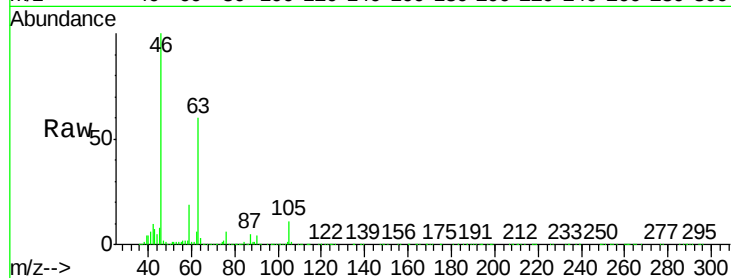
Acq: 16 Jul 2018 16:06

Instrument :

MSVOA_R

ClientSampleId :

C0AH2



Tgt Ion: 43 Resp: 32778

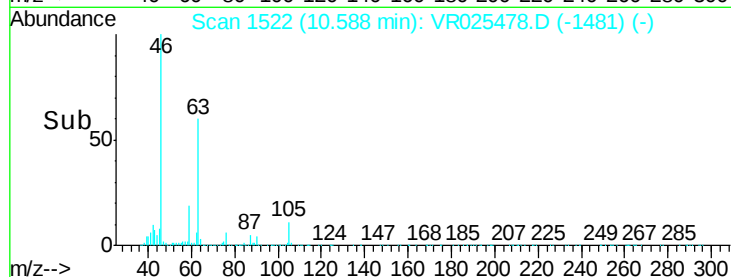
Ion Ratio Lower Upper

43 100

58 30.1 43.1 64.7#

57 30.0 15.3 22.9#

100 2.9 7.9 11.9#



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

