

Data File : VR025632.D
Acq On : 24 Aug 2018 13:37
Operator : SY/MD
Sample : J4601-05
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0SY0

Quant Time: Aug 24 23:05:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 24 23:05:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	520502	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	409091	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	119413	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	150530	4.44	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	2.62	69	125862	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	3.60	63	248976	2.97	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	6.59	46	114164	44.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.44%
24) Chloroform-d	7.20	84	221097	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.40%
26) 1,2-Dichloroethane-d4	7.89	65	74989	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
32) Benzene-d6	7.86	84	541133	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	8.90	67	147976	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	9.97	98	495342	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	10.24	79	25886	3.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.40%
46) 2-Hexanone-d5	10.59	63	100157	38.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.08%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	50700	3.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	64.40%#
64) 1,2-Dichlorobenzene-d4	13.51	152	97524	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

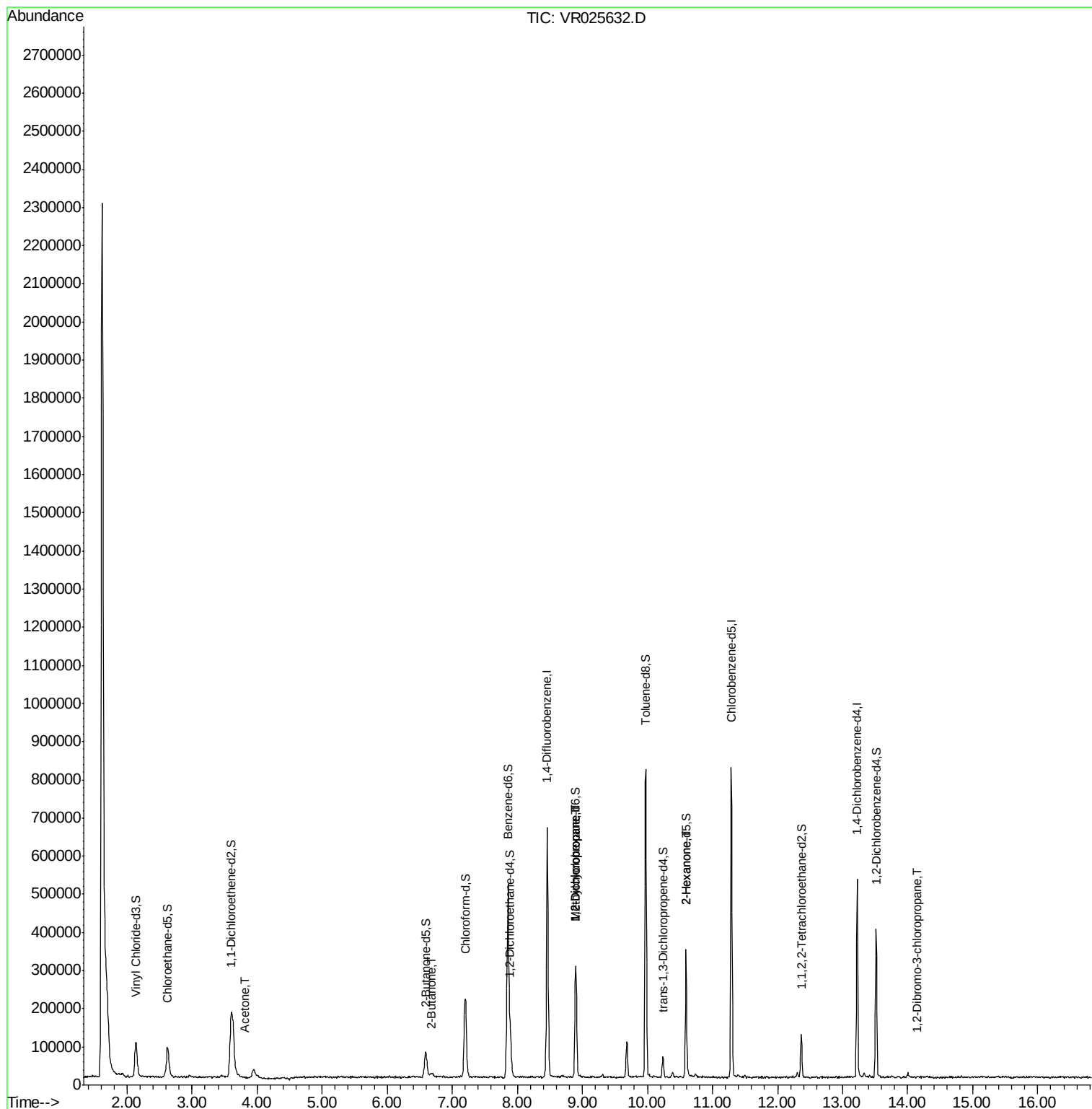
						Qvalue
13) Acetone	3.81	43	447	0.278	ug/L	97
21) 2-Butanone	6.68	43	2185	0.689	ug/L	93
35) Methylcyclohexane	8.90	83	30693	0.551	ug/L #	24
37) 1,2-Dichloropropane	8.90	63	12922	0.394	ug/L #	95
48) 2-Hexanone	10.59	43	12926	2.334	ug/L #	69
66) 1,2-Dibromo-3-chloropropan	14.14	75	225	0.261	ug/L #	17

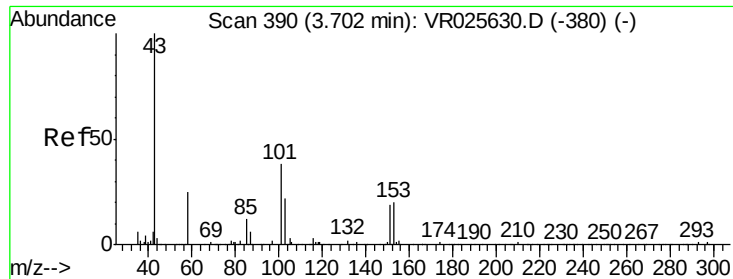
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.278 ug/L

RT: 3.81 min Scan# 408

Delta R.T. 0.11 min

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MSVOA_R

ClientSampleID :

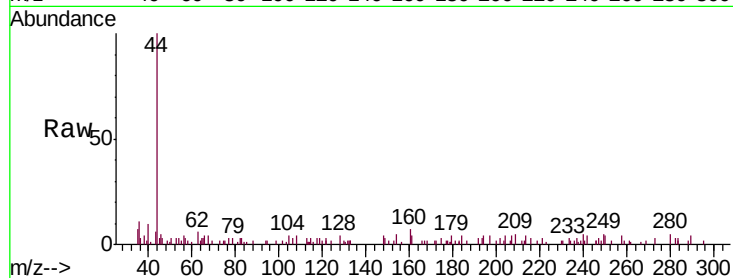
C0SY0

Tgt Ion: 43 Resp: 447

Ion Ratio Lower Upper

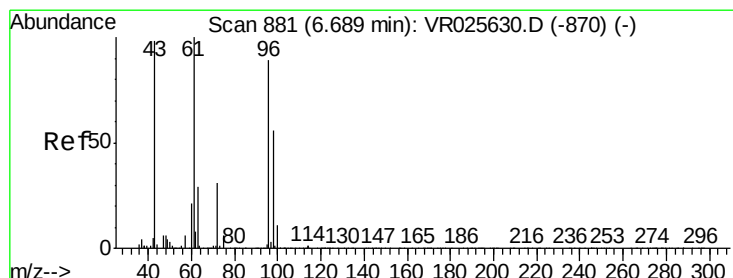
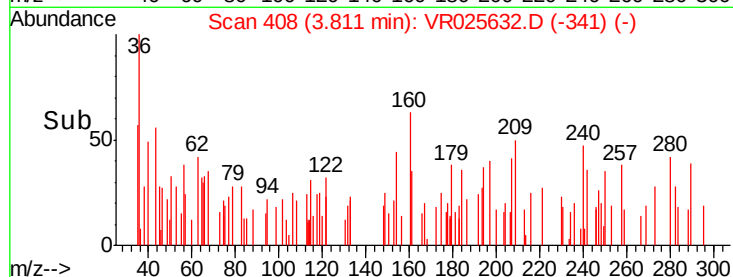
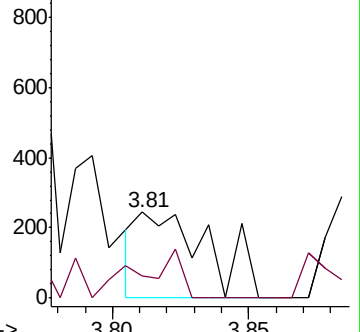
43 100

58 33.3 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 0.689 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.01 min

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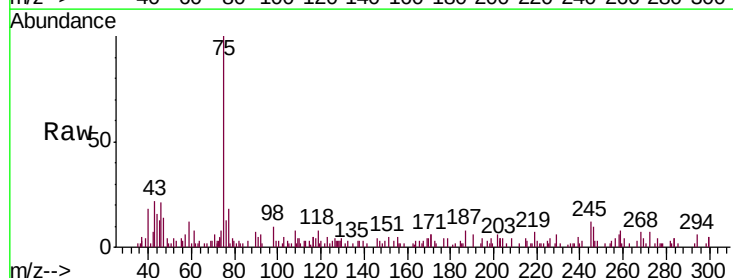
Acq: 24 Aug 2018 13:37

Tgt Ion: 43 Resp: 2185

Ion Ratio Lower Upper

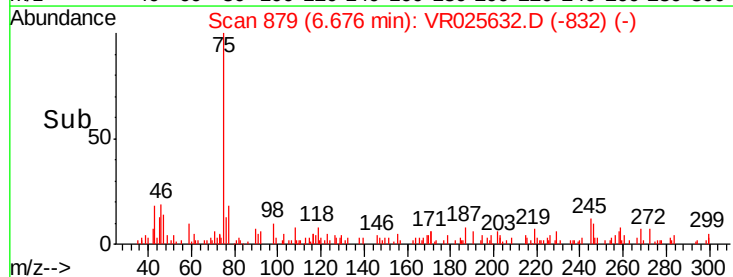
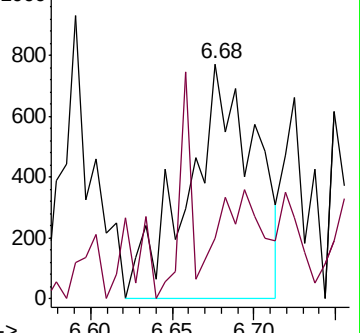
43 100

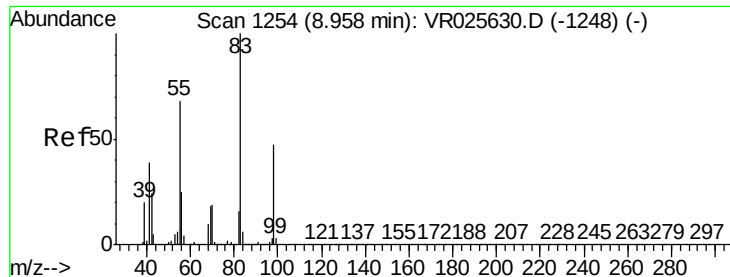
72 25.0 14.3 42.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#35

Methylcyclohexane

Concen: 0.551 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

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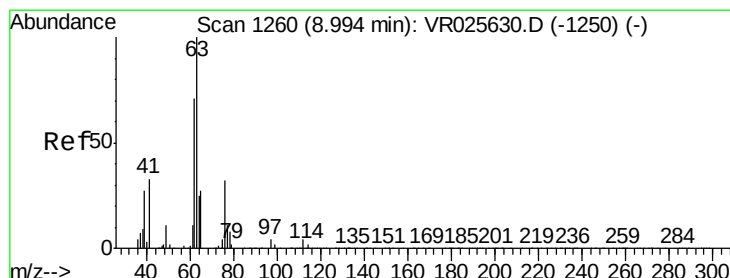
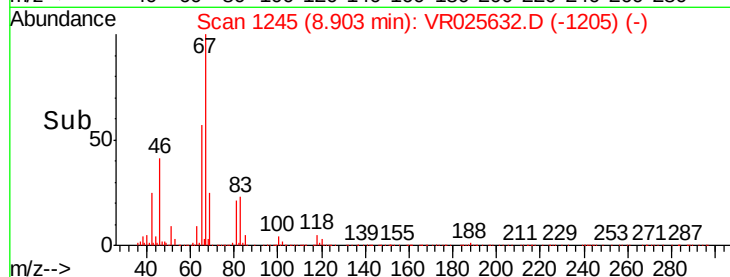
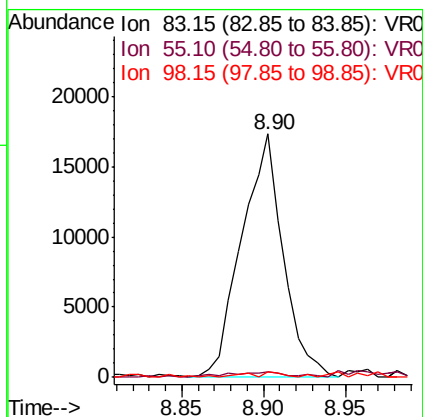
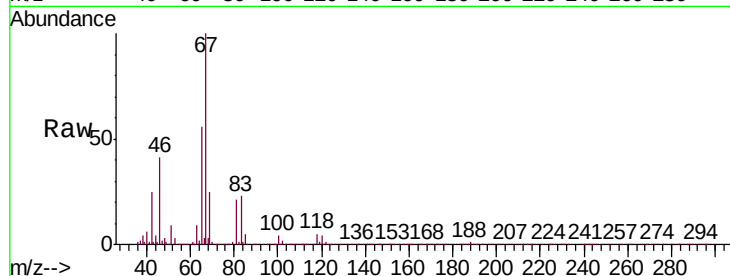
Tgt Ion: 83 Resp: 30693

Ion Ratio Lower Upper

83 100

55 3.1 56.7 85.1#

98 1.0 35.8 53.8#



#37

1,2-Dichloropropane

Concen: 0.394 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025632.D

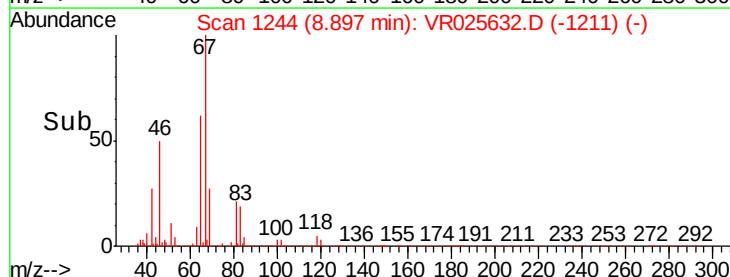
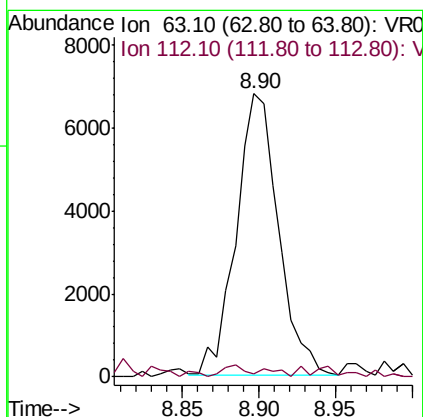
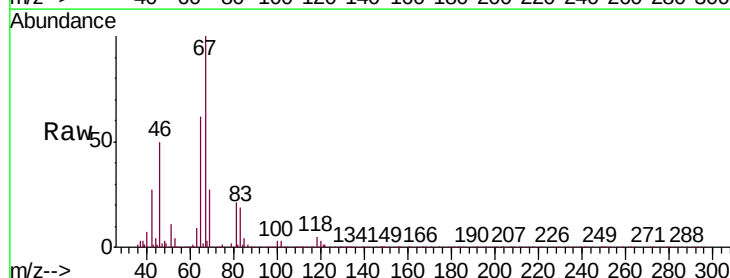
Acq: 24 Aug 2018 13:37

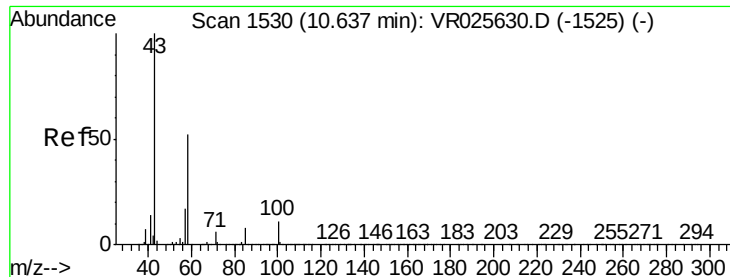
Tgt Ion: 63 Resp: 12922

Ion Ratio Lower Upper

63 100

112 1.4 2.5 3.7#





#48

2-Hexanone

Concen: 2.334 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

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Acq: 24 Aug 2018 13:37

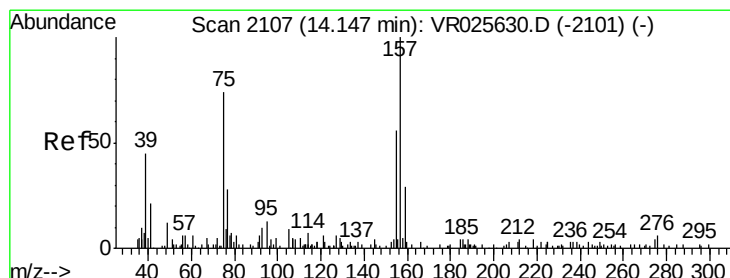
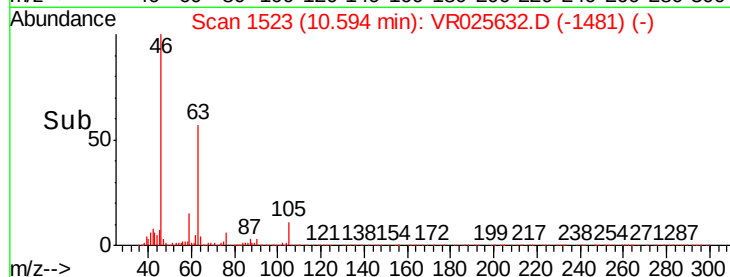
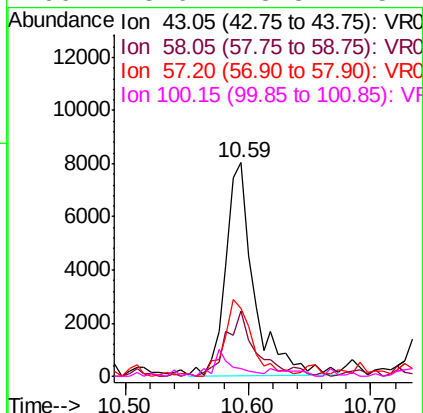
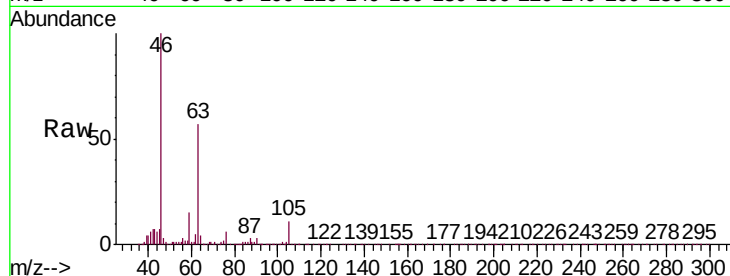
Instrument :

MSVOA_R

ClientSampleId :

C0SY0

Tgt Ion:	43	Resp:	12926
Ion	Ratio	Lower	Upper
43	100		
58	33.3	46.4	69.6#
57	34.5	14.3	21.5#
100	8.6	8.8	13.2#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.261 ug/L

RT: 14.14 min Scan# 2106

Delta R.T. -0.01 min

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Tgt Ion:	75	Resp:	225
Ion	Ratio	Lower	Upper
75	100		
155	30.5	55.2	82.8#
157	0.0	89.4	134.2#

