

Data File : VR026491.D
Acq On : 7 Apr 2019 12:15
Operator : SY/MD
Sample : K2282-07
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEZ05

Quant Time: Apr 08 03:01:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 08 02:57:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	525606	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	429756	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	119486	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	151040	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	2.62	69	139700	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	3.60	63	321650	3.11	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	6.58	46	159976	44.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.86%
24) Chloroform-d	7.20	84	321337	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	7.89	65	142031	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	7.85	84	567713	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	8.89	67	157392	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	9.97	98	485190	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	10.23	79	25916	2.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.00%
46) 2-Hexanone-d5	10.59	63	117154	46.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.60%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	57337	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	97200	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

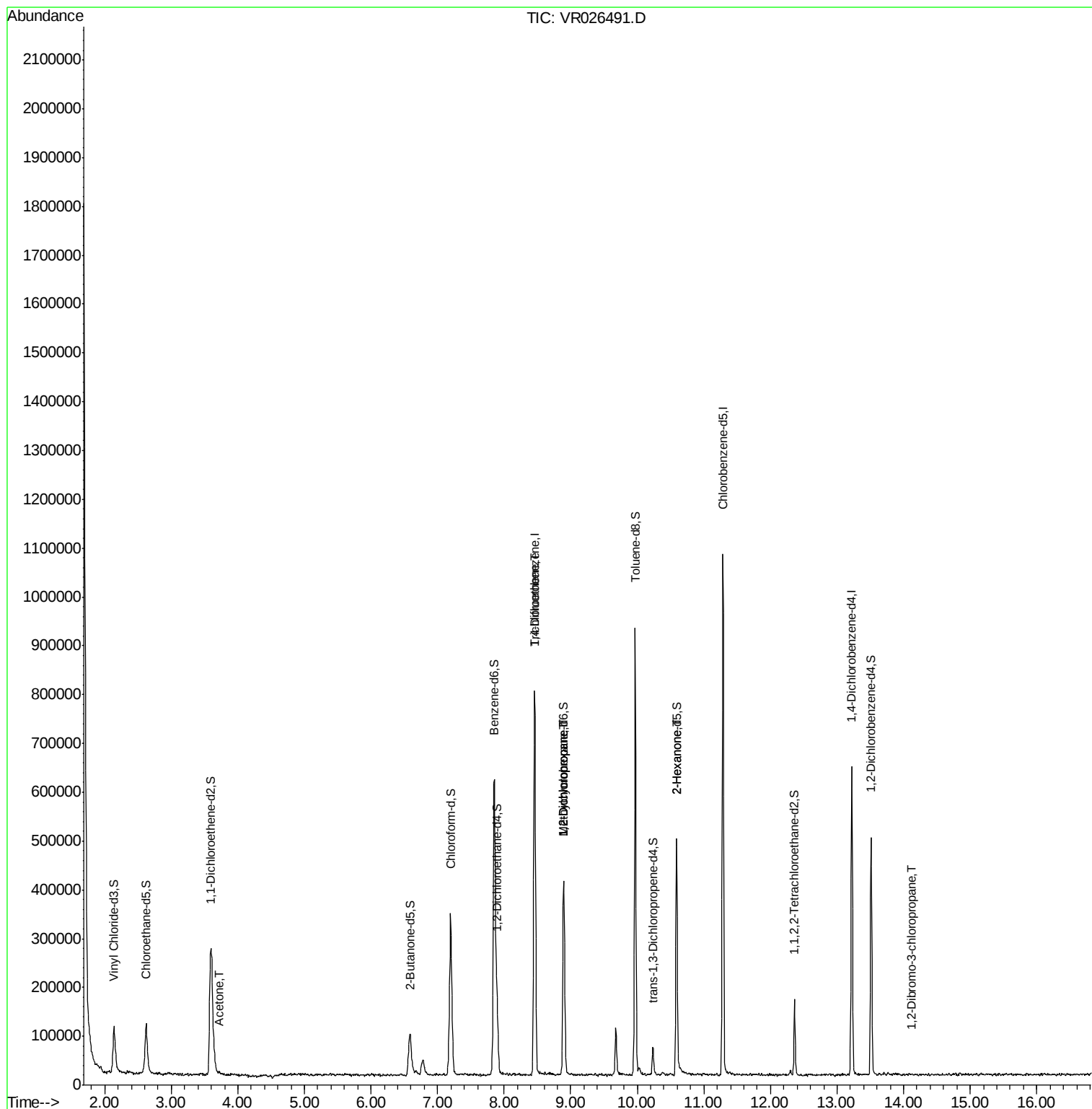
					Qvalue
13) Acetone	3.71	43	4900	1.362 ug/L	82
34) Trichloroethene	8.46	95	18364	0.408 ug/L #	11
35) Methylcyclohexane	8.89	83	38053	0.593 ug/L #	14
37) 1,2-Dichloropropane	8.89	63	21735	0.591 ug/L #	94
48) 2-Hexanone	10.59	43	21249	2.962 ug/L #	78
66) 1,2-Dibromo-3-chloropropan	14.12	75	389	0.319 ug/L #	35

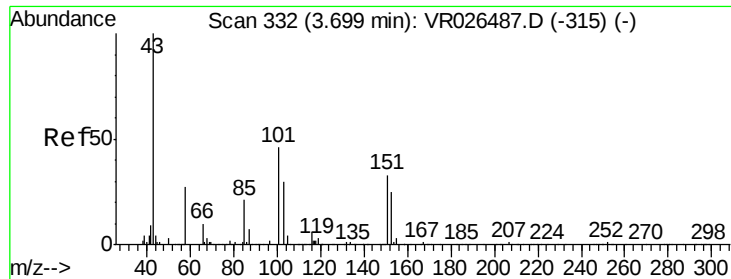
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.362 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.01 min

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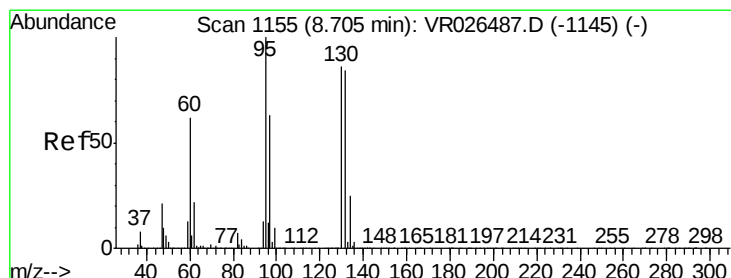
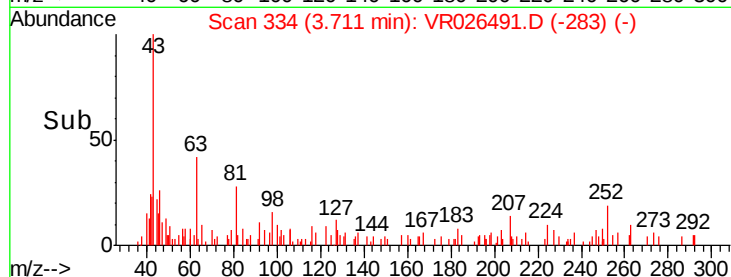
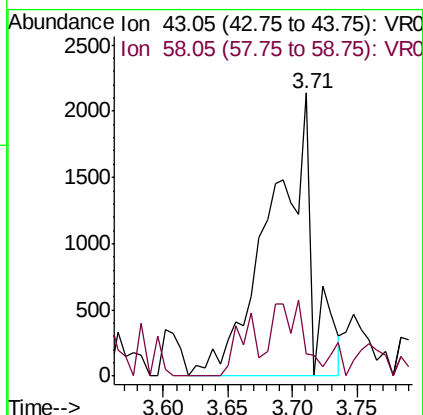
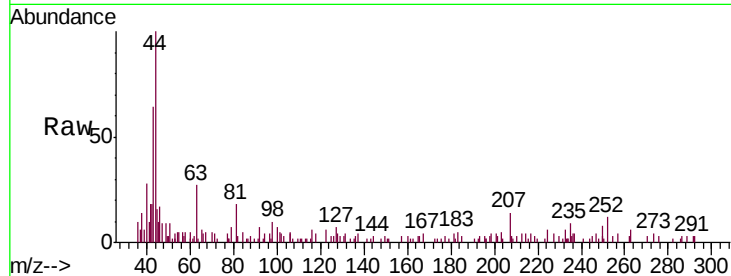
Instrument :
MSVOA_R
ClientSampleId :
BEZ05

Tgt Ion: 43 Resp: 4900

Ion Ratio Lower Upper

43 100

58 17.5 0.0 53.8



#34

Trichloroethene

Concen: 0.408 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

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Acq: 7 Apr 2019 12:15

Tgt Ion: 95 Resp: 18364

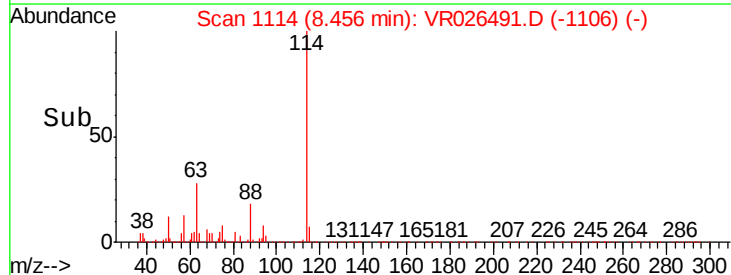
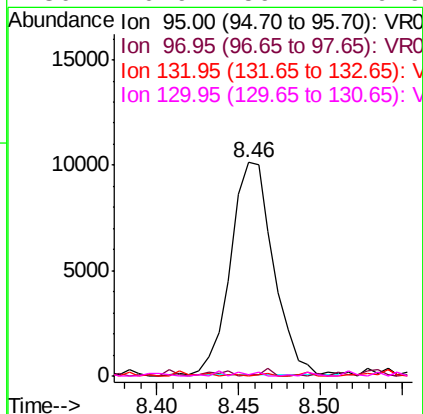
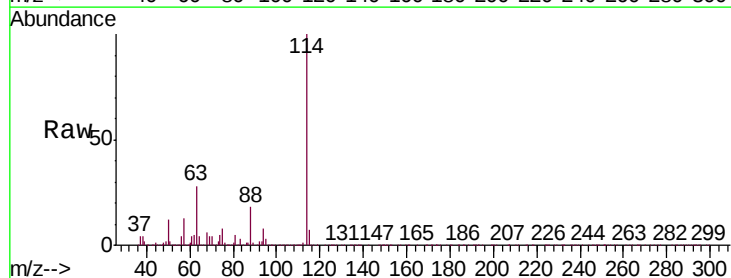
Ion Ratio Lower Upper

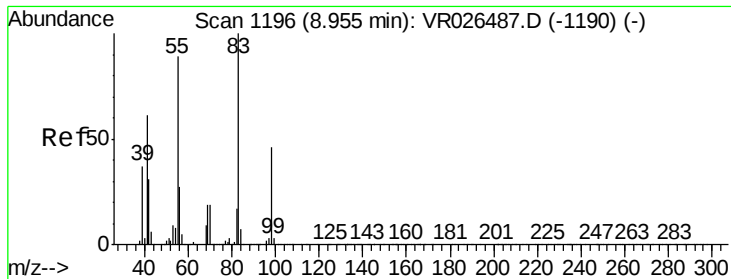
95 100

97 0.6 43.8 81.3#

132 0.0 57.2 106.2#

130 0.9 59.7 110.9#





#35

Methylcyclohexane

Concen: 0.593 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR026491.D

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Instrument :

MSVOA_R

ClientSampleId :

BEZ05

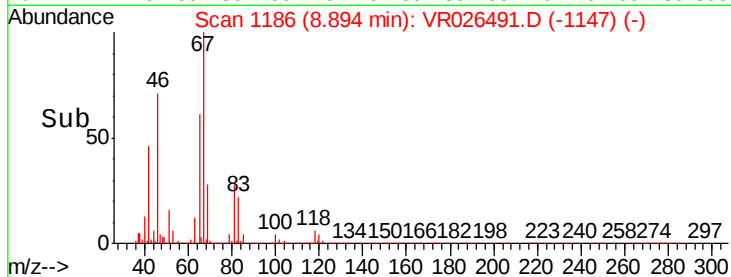
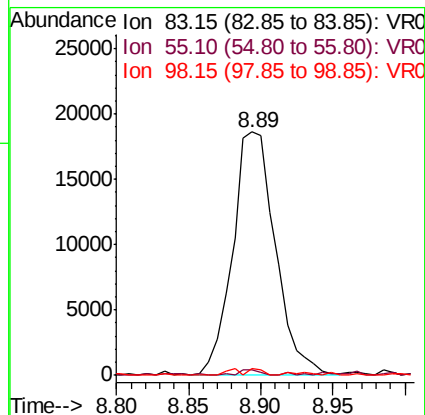
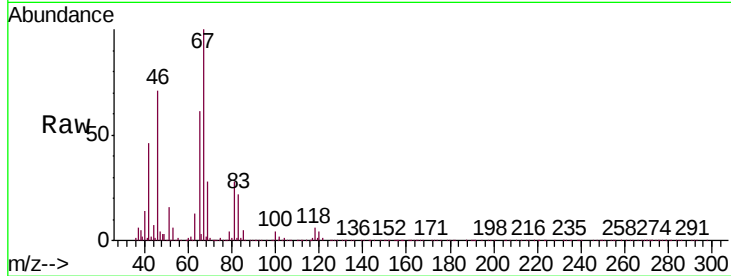
Tgt Ion: 83 Resp: 38053

Ion Ratio Lower Upper

83 100

55 1.1 73.8 110.6#

98 0.8 34.6 51.8#



#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

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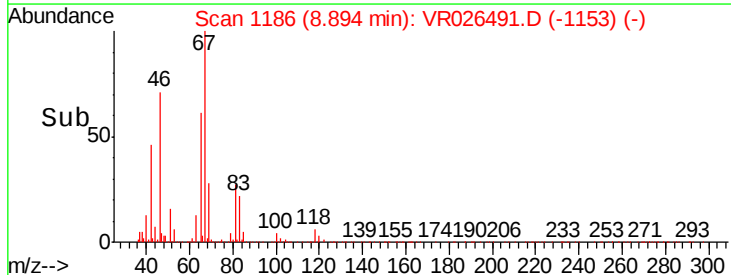
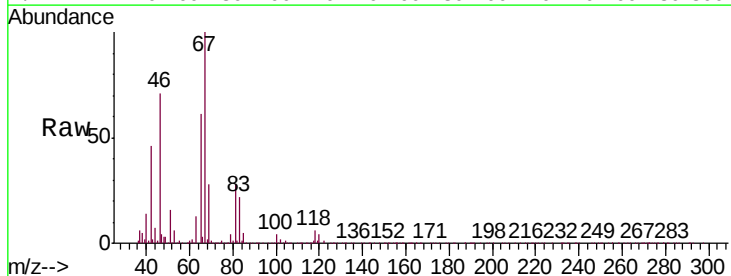
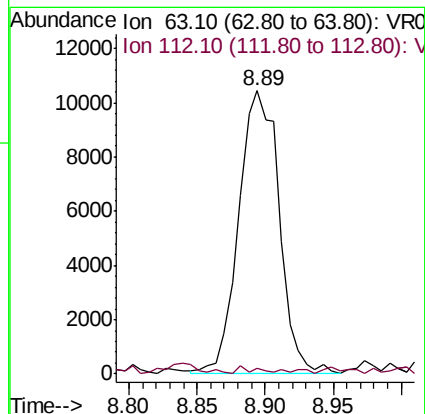
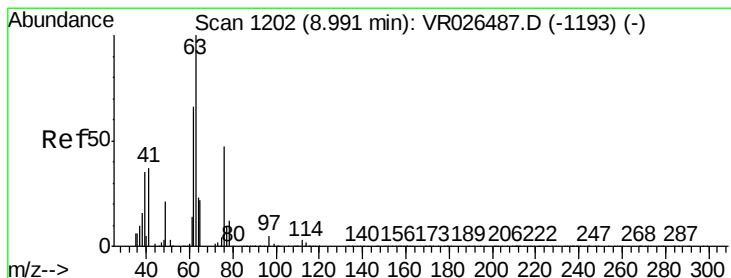
Acq: 7 Apr 2019 12:15

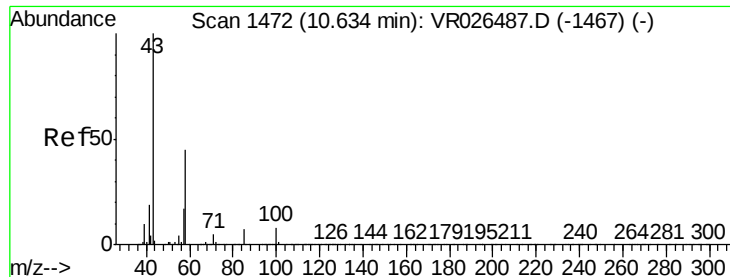
Tgt Ion: 63 Resp: 21735

Ion Ratio Lower Upper

63 100

112 1.4 2.8 4.2#





#48

2-Hexanone

Concen: 2.962 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026491.D

Acq: 7 Apr 2019 12:15

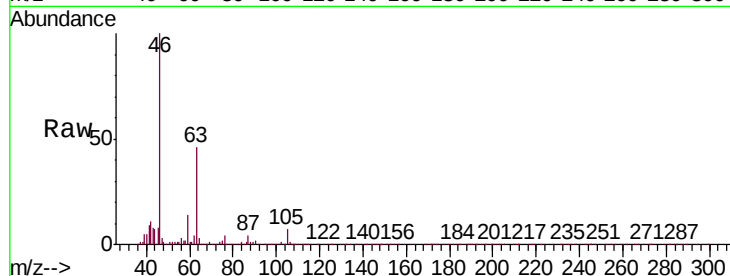
Instrument :

MSVOA_R

ClientSampleId :

BEZ05

Tgt Ion:	43	Resp:	21249
Ion	Ratio	Lower	Upper
43	100		
58	33.8	38.2	57.2#
57	31.2	13.8	20.6#
100	6.4	6.2	9.2



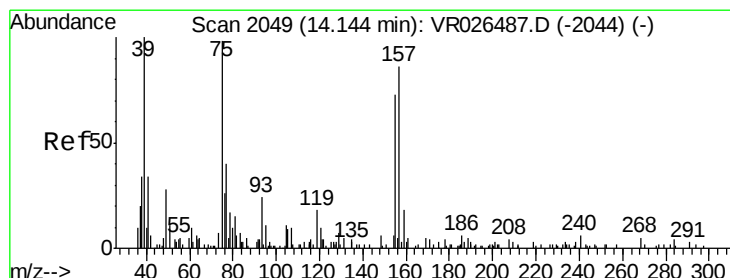
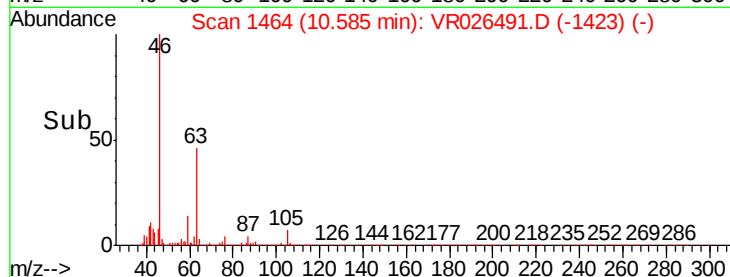
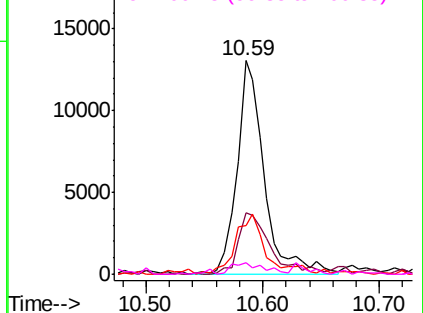
Abundance

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



#66

1,2-Dibromo-3-chloropropane

Concen: 0.319 ug/L

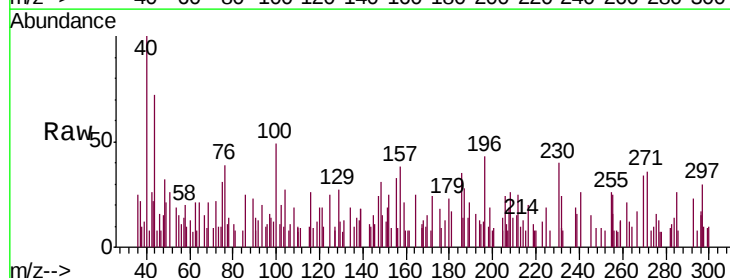
RT: 14.12 min Scan# 2045

Delta R.T. -0.02 min

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Acq: 7 Apr 2019 12:15

Tgt Ion:	75	Resp:	389
Ion	Ratio	Lower	Upper
75	100		
155	105.8	36.1	54.1#
157	121.1	62.4	93.6#



Abundance

Ion 75.05 (74.75 to 75.75): VR0

Ion 154.95 (154.65 to 155.65): VR0

Ion 156.90 (156.60 to 157.60): VR0

