

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR082918\
 Data File : VR025656.D
 Acq On : 29 Aug 2018 13:57
 Operator : SY/MD
 Sample : VR0829WBL01
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK91

Quant Time: Aug 30 06:44:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 30 06:43:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	517485	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	428850	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	131843	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	142808	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	2.63	69	116258	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.00%
11) 1,1-Dichloroethene-d2	3.63	63	250659	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	6.60	46	127956	49.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.70%
24) Chloroform-d	7.20	84	230244	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.80%
26) 1,2-Dichloroethane-d4	7.90	65	84001	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
32) Benzene-d6	7.86	84	570475	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	8.90	67	152196	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	9.97	98	510876	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	10.24	79	30124	3.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.40%
46) 2-Hexanone-d5	10.59	63	124326	45.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.10%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	61067	3.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	108608	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

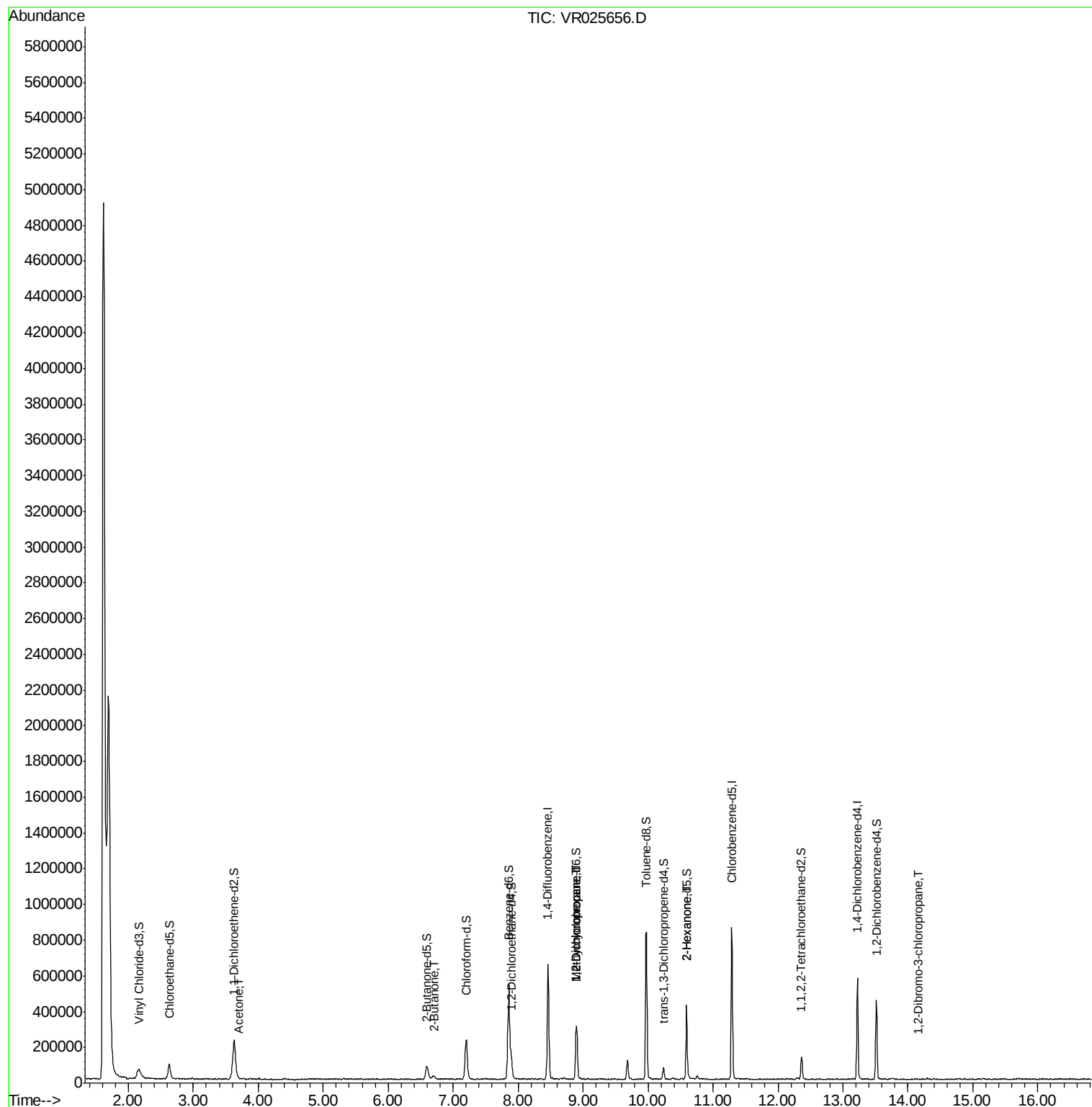
					Qvalue
13) Acetone	3.71	43	2009	1.256 ug/L	83
21) 2-Butanone	6.69	43	1802	0.572 ug/L	89
35) Methylcyclohexane	8.90	83	35638	0.611 ug/L #	24
37) 1,2-Dichloropropane	8.90	63	14961	0.435 ug/L #	96
48) 2-Hexanone	10.59	43	14713	2.534 ug/L #	72
66) 1,2-Dibromo-3-chloropropan	14.15	75	193	0.203 ug/L #	16

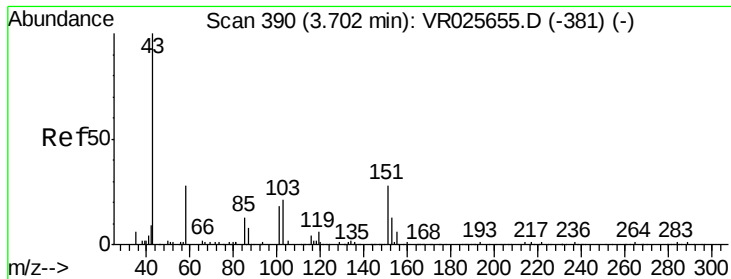
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.256 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025656.D

Acq: 29 Aug 2018 13:57

Instrument :

MSVOA_R

ClientSampled :

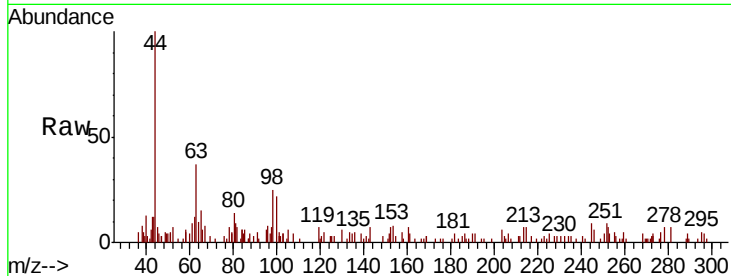
VBLK91

Tgt Ion: 43 Resp: 2009

Ion Ratio Lower Upper

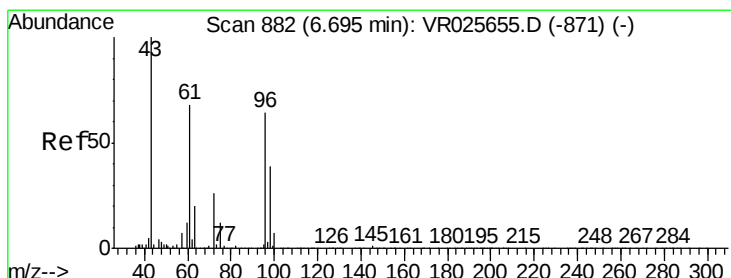
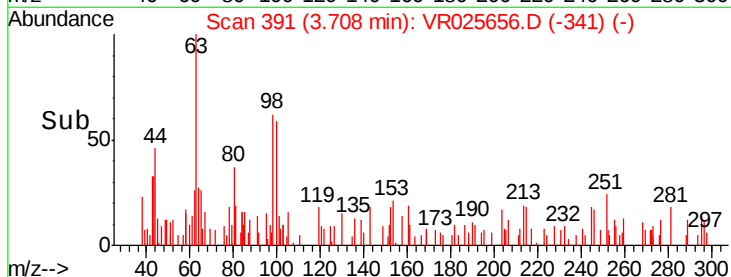
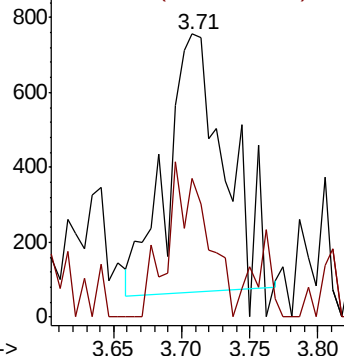
43 100

58 40.9 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: 0.572 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.00 min

Lab File: VR025656.D

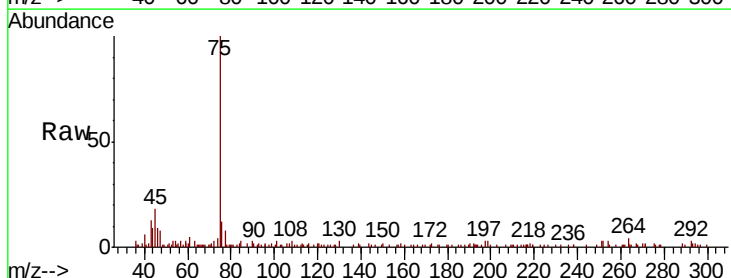
Acq: 29 Aug 2018 13:57

Tgt Ion: 43 Resp: 1802

Ion Ratio Lower Upper

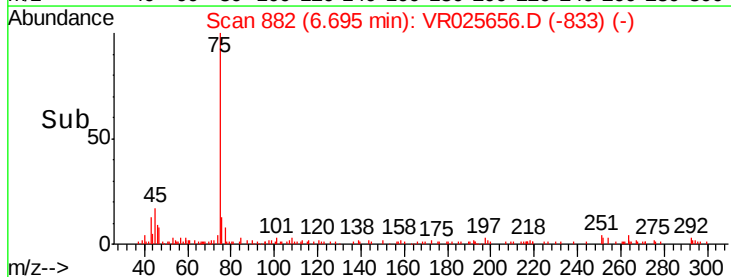
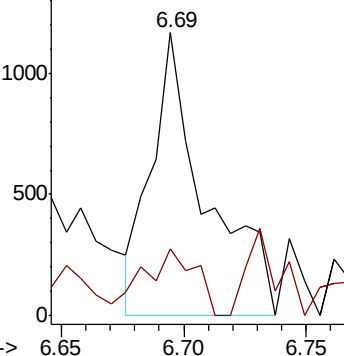
43 100

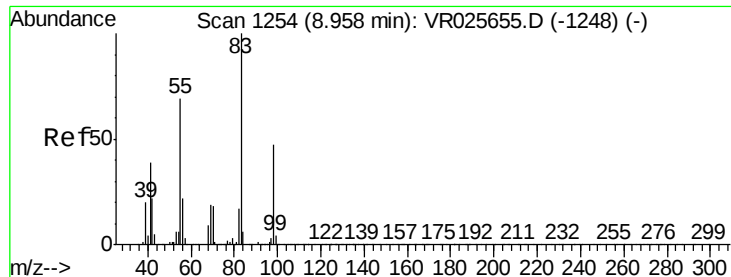
72 22.6 14.3 42.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

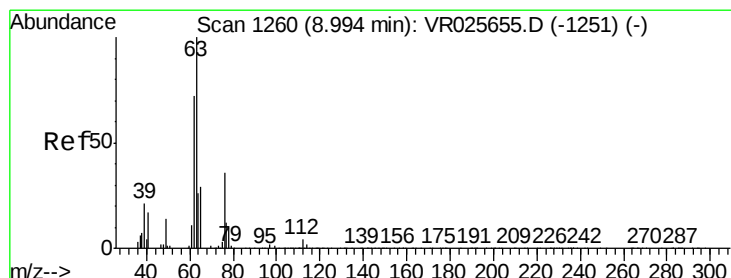
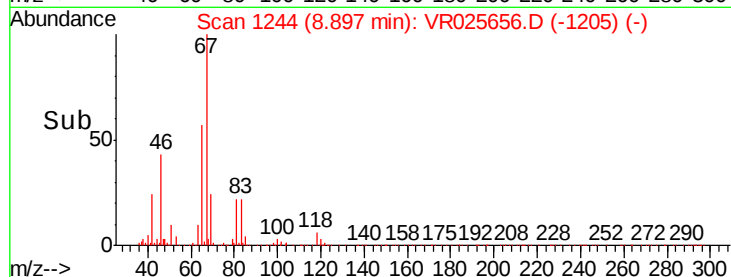
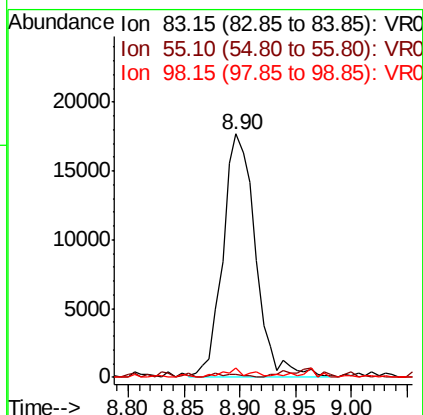
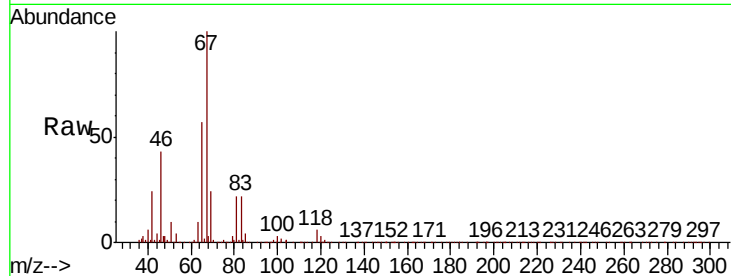




#35
Methylcyclohexane
Concen: 0.611 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025656.D
Acq: 29 Aug 2018 13:57

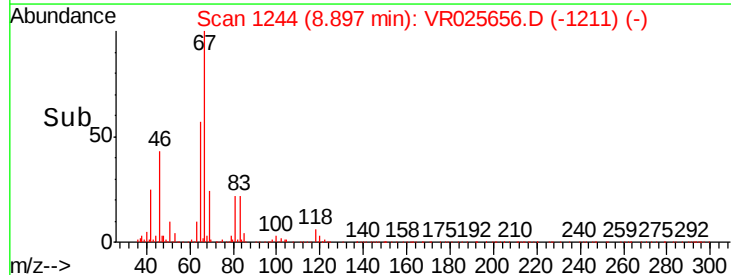
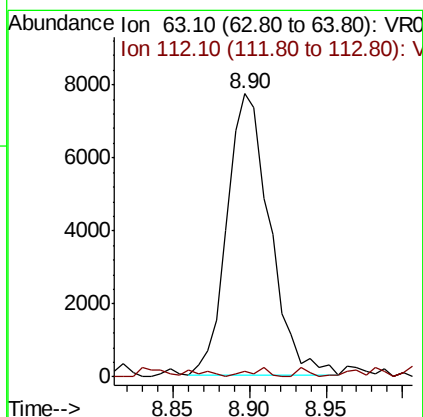
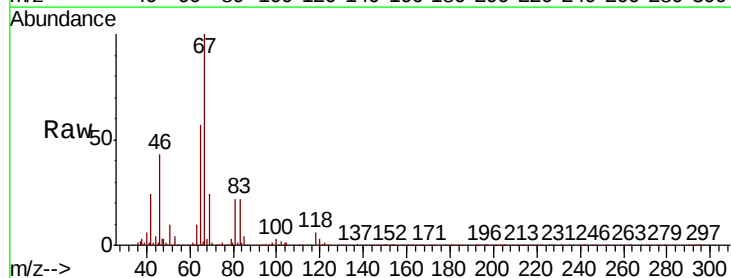
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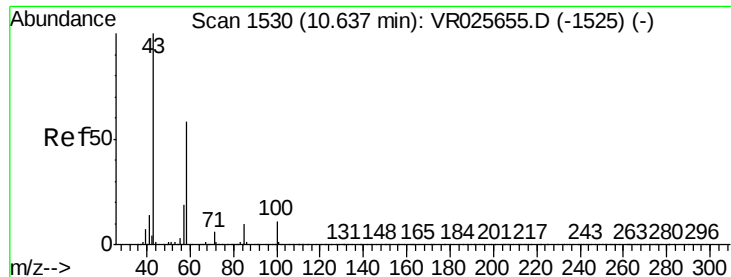
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.3	56.7	85.1#
98	2.9	35.8	53.8#



#37
1,2-Dichloropropane
Concen: 0.435 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025656.D
Acq: 29 Aug 2018 13:57

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.6	2.5	3.7#





#48

2-Hexanone

Concen: 2.534 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025656.D

Acq: 29 Aug 2018 13:57

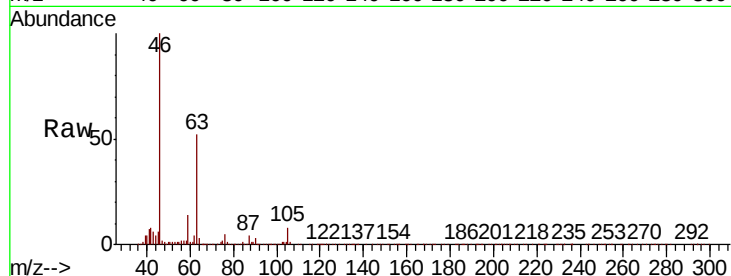
Instrument :

MSVOA_R

ClientSampleId :

VBLK91

Tgt Ion:	43	Resp:	14713
Ion	Ratio	Lower	Upper
43	100		
58	38.1	46.4	69.6#
57	34.2	14.3	21.5#
100	5.0	8.8	13.2#

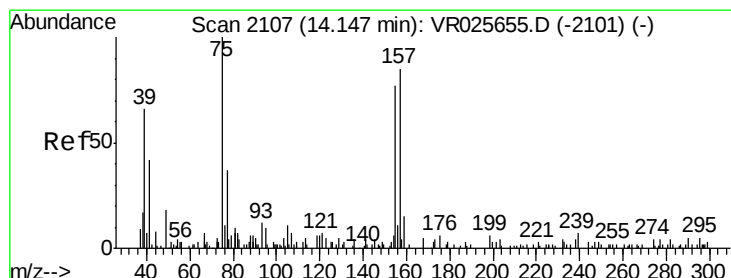
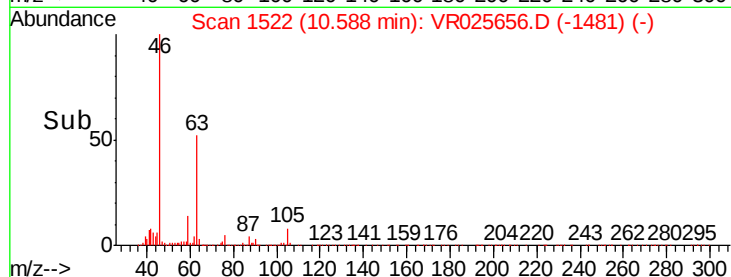
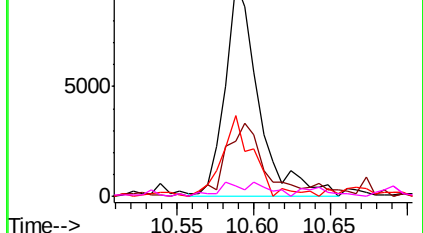


Abundance Ion 43.05 (42.75 to 43.75): VR0

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: 0.203 ug/L

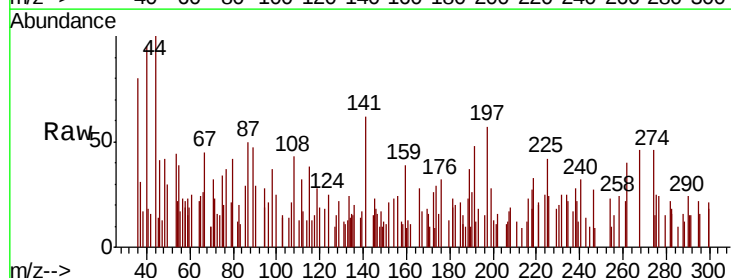
RT: 14.15 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VR025656.D

Acq: 29 Aug 2018 13:57

Tgt Ion:	75	Resp:	193
Ion	Ratio	Lower	Upper
75	100		
155	0.0	55.2	82.8#
157	22.0	89.4	134.2#



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

