

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080918\
 Data File : VR025602.D
 Acq On : 9 Aug 2018 12:17
 Operator : SY/MD
 Sample : J4358-06DL 10X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW6DL

Quant Time: Aug 10 07:20:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 04:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	579946	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	491349	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	165350	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	160395	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	2.64	69	112317	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	3.65	63	288657	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	6.60	46	182804	61.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.10%
24) Chloroform-d	7.21	84	301708	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	7.90	65	102993	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	7.86	84	668233	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	8.90	67	176822	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	9.97	98	608716	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	10.24	79	38738	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	10.59	63	168297	59.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.04%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	80376	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	155739	6.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.20%#

Target Compounds

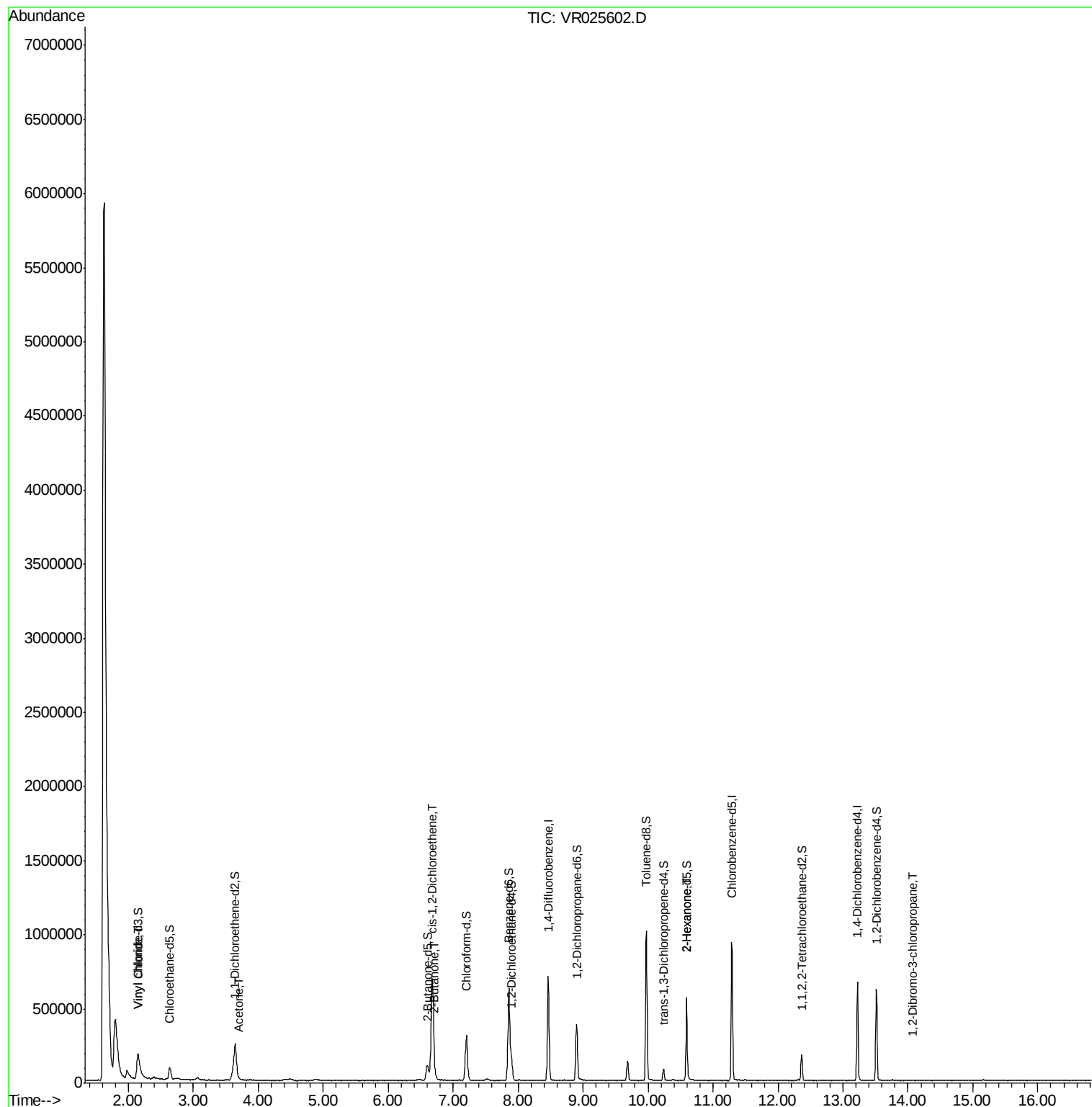
					Qvalue
5) Vinyl chloride	2.16	62	76829	1.753 ug/L	94
13) Acetone	3.70	43	1758	0.704 ug/L	72
21) 2-Butanone	6.72	43	2361	0.681 ug/L #	1
22) cis-1,2-Dichloroethene	6.68	96	458932	12.665 ug/L	98
48) 2-Hexanone	10.59	43	19752	3.253 ug/L #	65
66) 1,2-Dibromo-3-chloropropan	14.07	75	297	0.234 ug/L	94

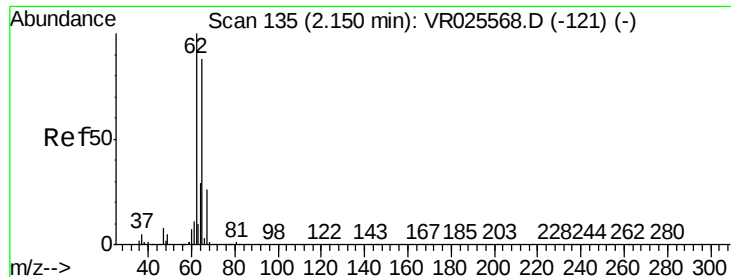
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 09 04:27:17 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.753 ug/L

RT: 2.16 min Scan# 136

Delta R.T. -0.01 min

Lab File: VR025602.D

Acq: 9 Aug 2018 12:17

Instrument :

MSVOA_R

ClientSampled :

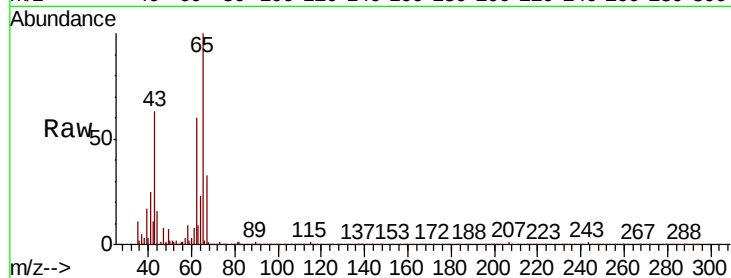
ESWW6DL

Tgt Ion: 62 Resp: 76829

Ion Ratio Lower Upper

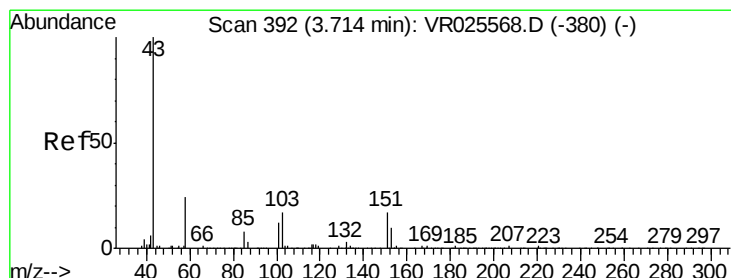
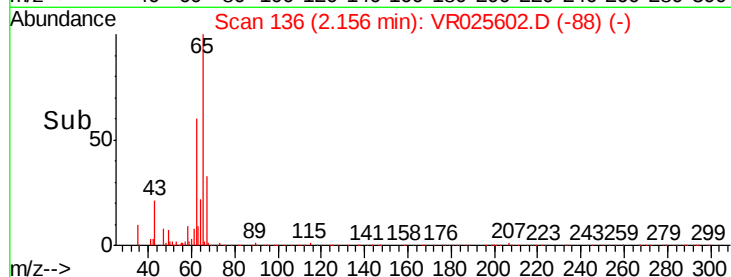
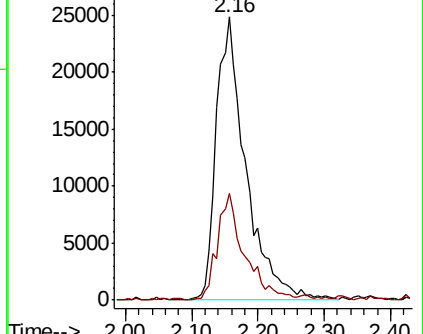
62 100

64 37.8 24.1 44.8



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 64.10 (63.80 to 64.80): VR0



#13

Acetone

Concen: 0.704 ug/L

RT: 3.70 min Scan# 390

Delta R.T. -0.01 min

Lab File: VR025602.D

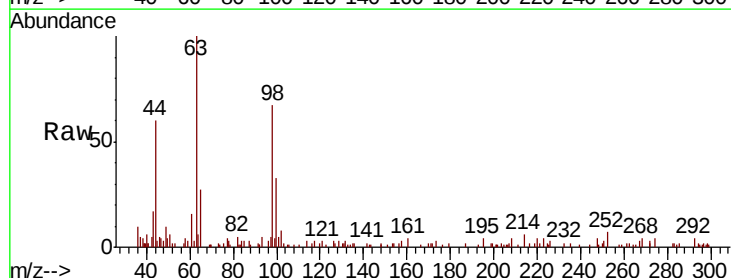
Acq: 9 Aug 2018 12:17

Tgt Ion: 43 Resp: 1758

Ion Ratio Lower Upper

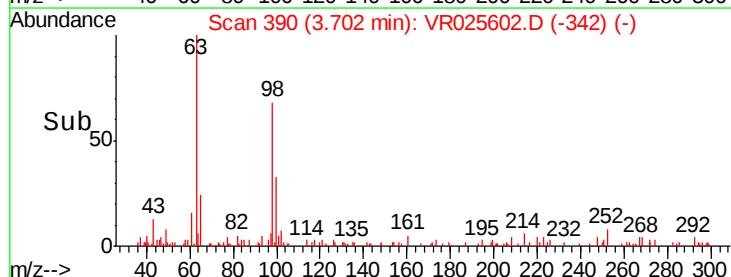
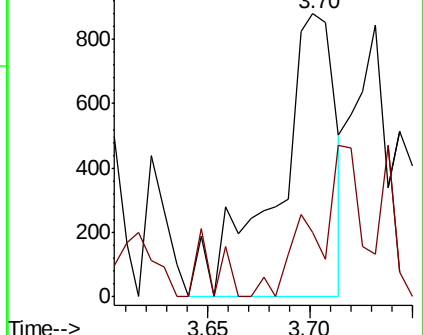
43 100

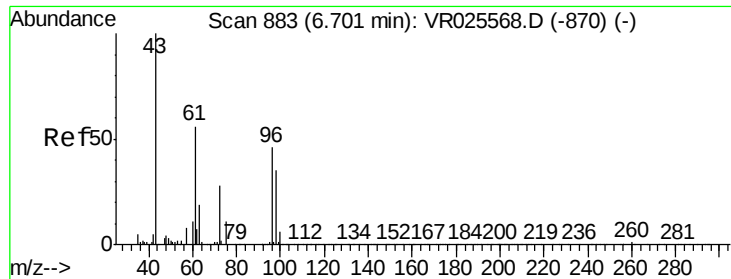
58 41.2 0.0 53.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0





#21

2-Butanone

Concen: 0.681 ug/L

RT: 6.72 min Scan# 886

Delta R.T. 0.02 min

Lab File: VR025602.D

Acq: 9 Aug 2018 12:17

Instrument :

MSVOA_R

ClientSampleId :

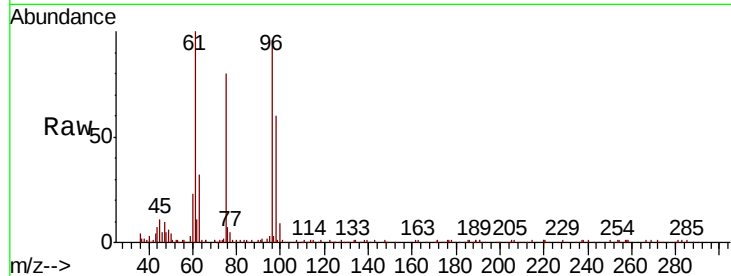
ESWW6DL

Tgt Ion: 43 Resp: 2361

Ion Ratio Lower Upper

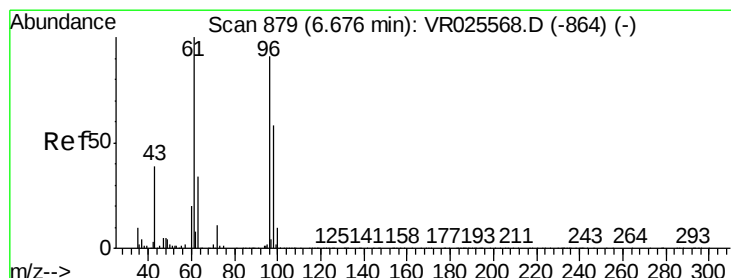
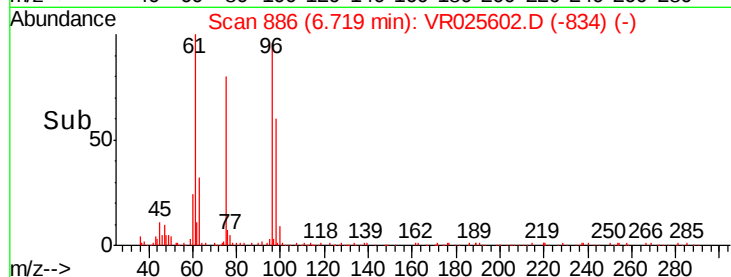
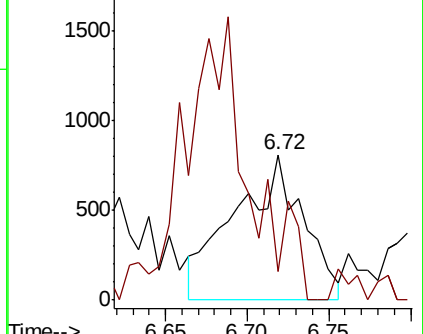
43 100

72 184.8 13.2 39.6#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



#22

cis-1,2-Dichloroethene

Concen: 12.665 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.00 min

Lab File: VR025602.D

Acq: 9 Aug 2018 12:17

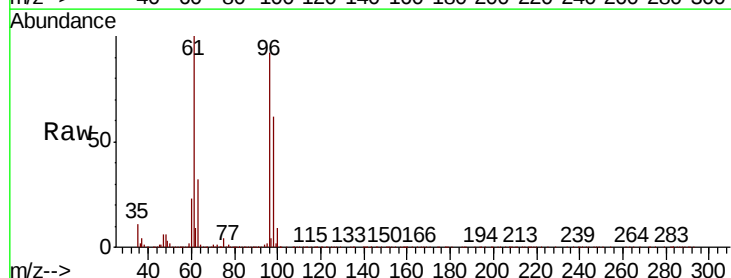
Tgt Ion: 96 Resp: 458932

Ion Ratio Lower Upper

96 100

61 108.5 77.7 144.3

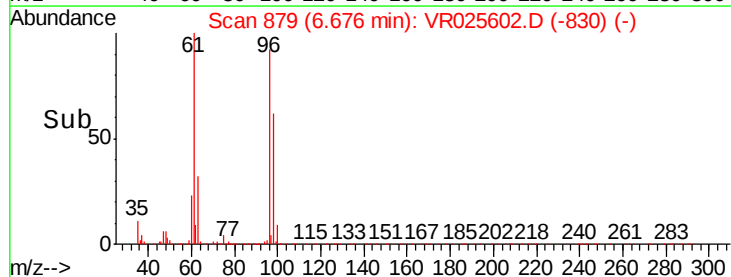
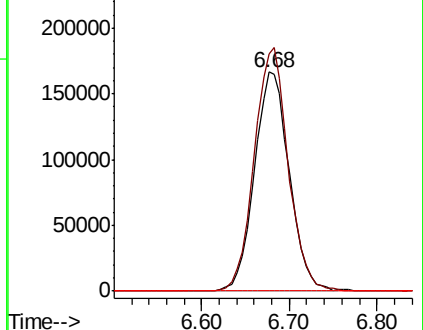
68 0.0 0.0 0.0

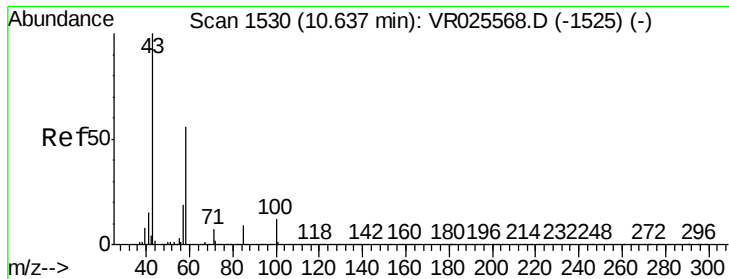


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#48

2-Hexanone

Concen: 3.253 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025602.D

Acq: 9 Aug 2018 12:17

Instrument :

MSVOA_R

ClientSampleId :

ESWW6DL

Tgt Ion: 43 Resp: 19752

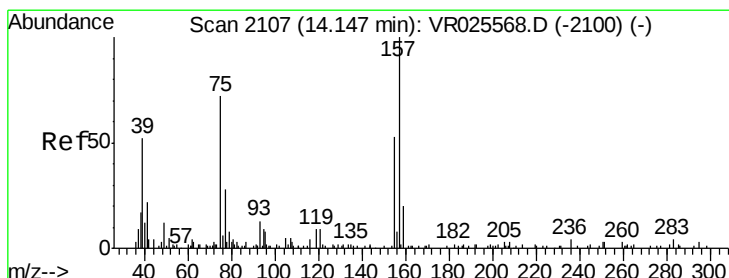
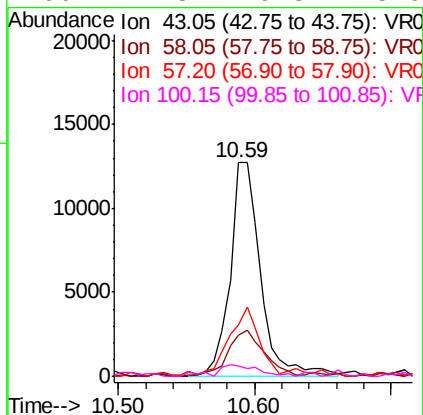
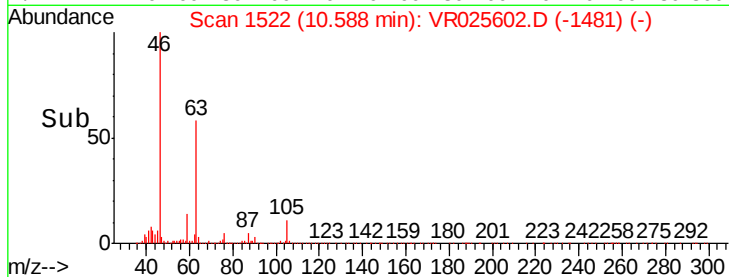
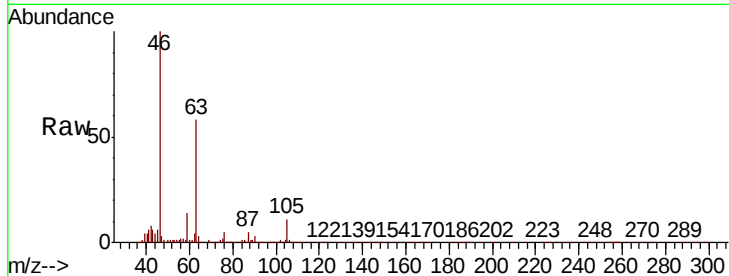
Ion Ratio Lower Upper

43 100

58 25.5 45.0 67.6#

57 31.8 15.8 23.6#

100 7.3 9.3 13.9#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.234 ug/L

RT: 14.07 min Scan# 2095

Delta R.T. -0.07 min

Lab File: VR025602.D

Acq: 9 Aug 2018 12:17

Tgt Ion: 75 Resp: 297

Ion Ratio Lower Upper

75 100

155 78.0 62.3 93.5

157 94.5 67.7 101.5

