

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091718\
 Data File : VR025751.D
 Acq On : 17 Sep 2018 19:33
 Operator : SY/MD
 Sample : J4890-04
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 18 07:52:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 16:10:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	738260	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	619885	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	176618	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	169943	4.21	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	2.63	69	135330	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	3.63	63	313833	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	6.59	46	199253	62.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.96%
24) Chloroform-d	7.20	84	392503	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	7.90	65	150517	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	7.85	84	891090	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	8.90	67	254863	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	9.97	98	793646	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	10.23	79	48189	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	10.59	63	196061	59.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.16%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	106339	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	168788	5.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.80%

Target Compounds

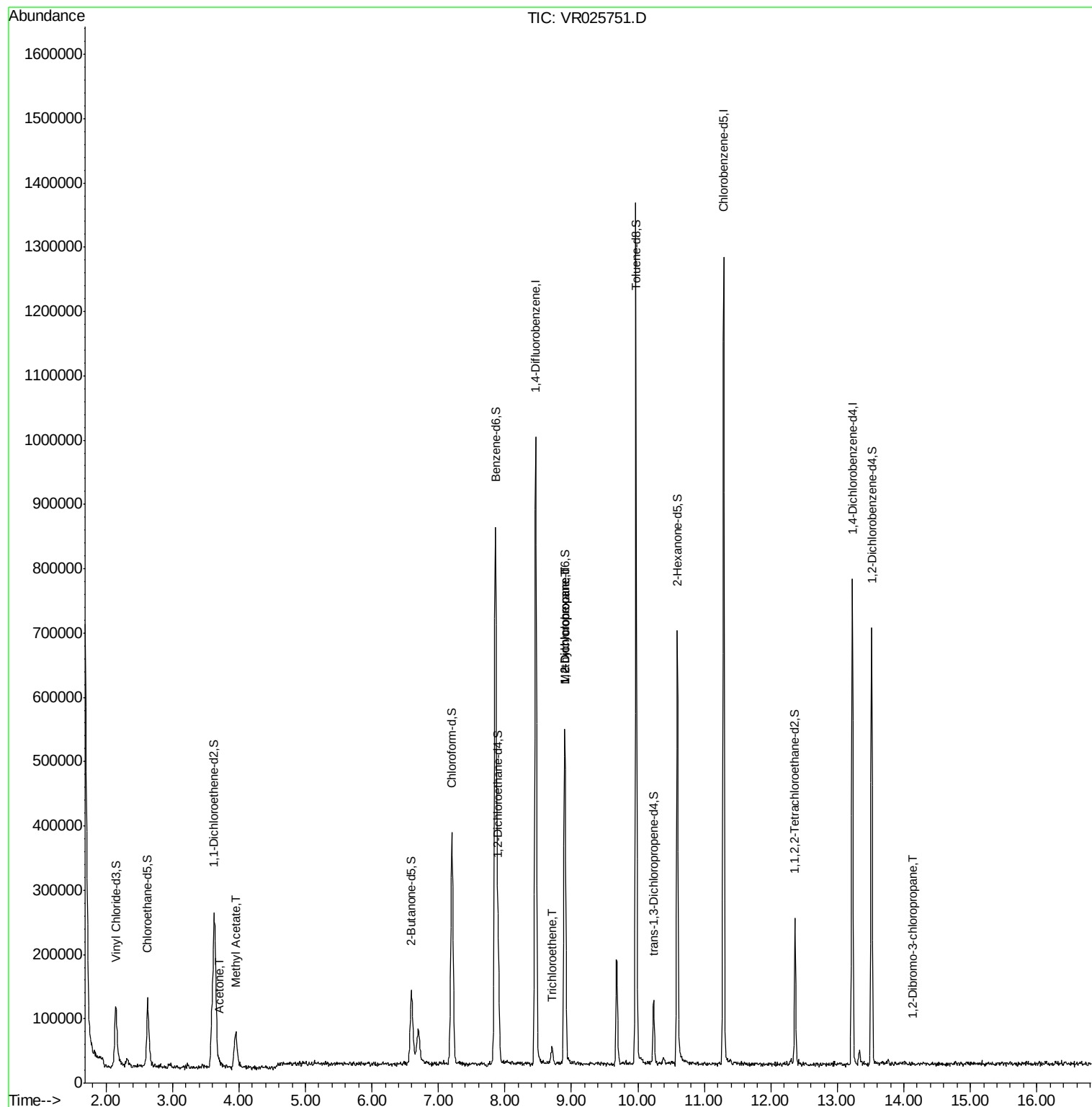
					Ovalue
13) Acetone	3.70	43	7384	3.87	ug/L 87
15) Methyl Acetate	3.95	43	32858	4.24	ug/L # 45
34) Trichloroethene	8.71	95	8315	0.15	ug/L # 72
35) Methylcyclohexane	8.90	83	56316	0.66	ug/L # 21
37) 1,2-Dichloropropane	8.90	63	23144	0.46	ug/L # 90
66) 1,2-Dibromo-3-chloropropan	14.14	75	355	0.25	ug/L # 65

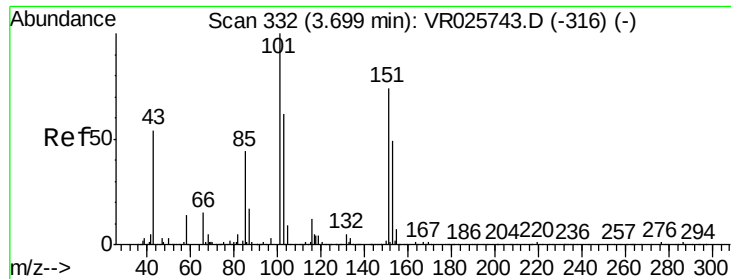
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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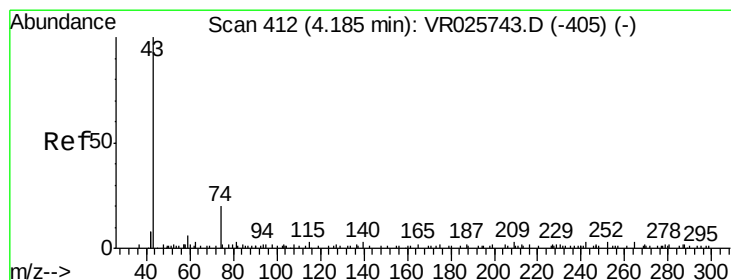
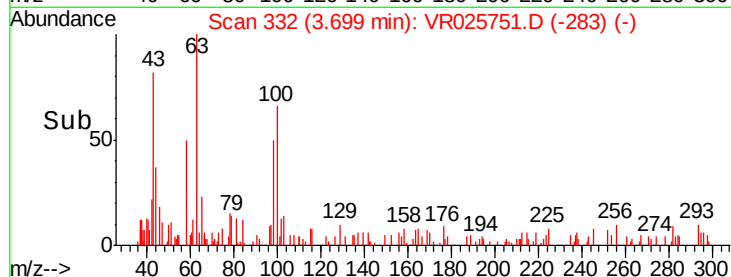
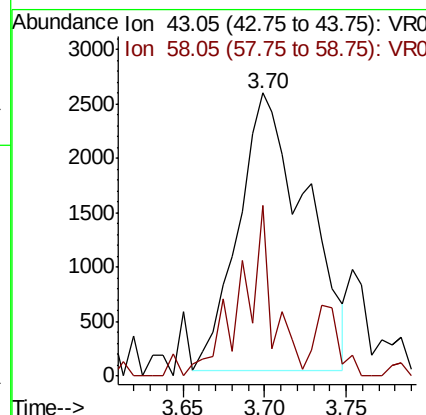
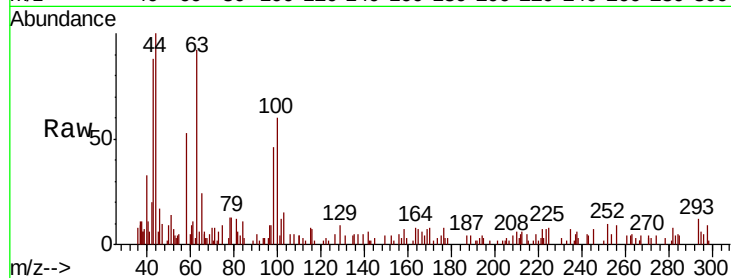




#13
Acetone
Concen: 3.87 ug/L
RT: 3.70 min Scan# 332
Delta R.T. -0.00 min
Lab File: VR025751.D
Acq: 17 Sep 2018 19:33

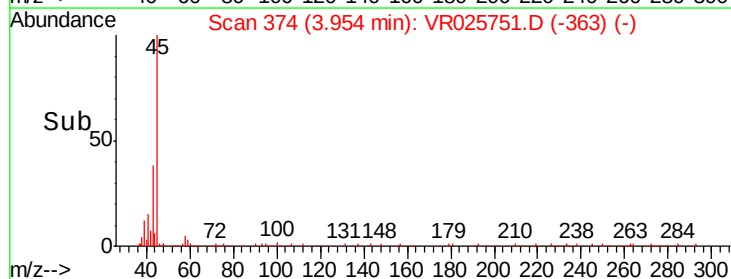
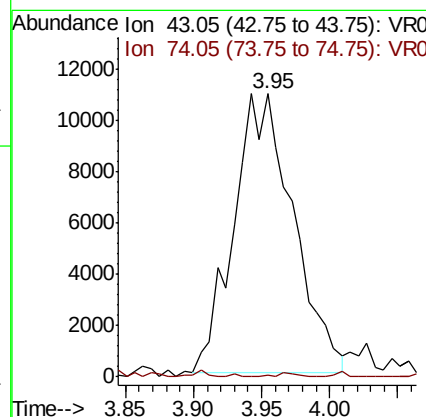
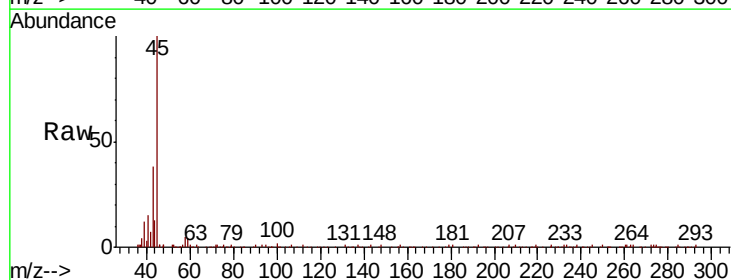
Instrument :
MSVOA_R
ClientSampled :

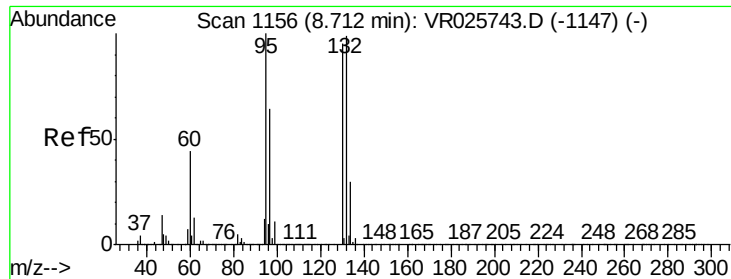
Tot Ion: 43 Resp: 7384
Ion Ratio Lower Upper
43 100
58 28.4 0.0 44.2



#15
Methyl Acetate
Concen: 4.24 ug/L
RT: 3.95 min Scan# 374
Delta R.T. -0.23 min
Lab File: VR025751.D
Acq: 17 Sep 2018 19:33

Tgt Ion: 43 Resp: 32858
Ion Ratio Lower Upper
43 100
74 0.5 24.8 37.2#





#34

Trichloroethene

Concen: 0.15 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. -0.01 min

Lab File: VR025751.D

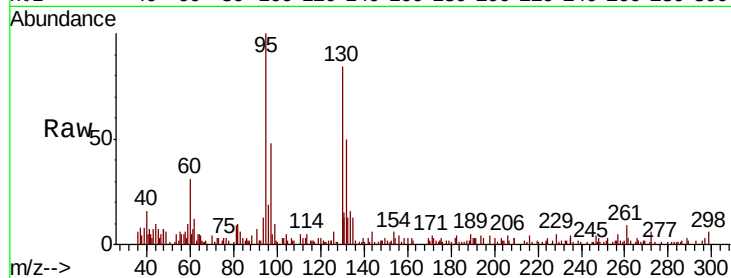
Acq: 17 Sep 2018 19:33

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion:	95	Resp:	8315
Ion	Ratio	Lower	Upper
95	100		
97	48.1	44.9	83.5
132	49.7	69.2	128.6#
130	84.3	66.4	123.4

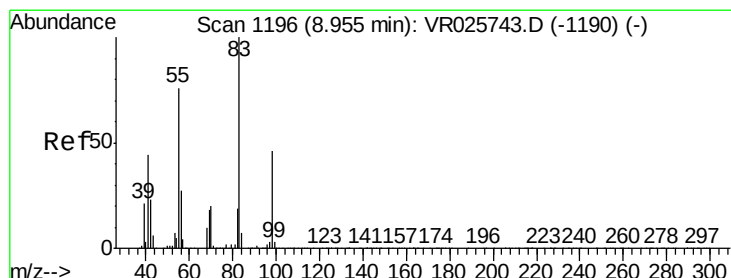
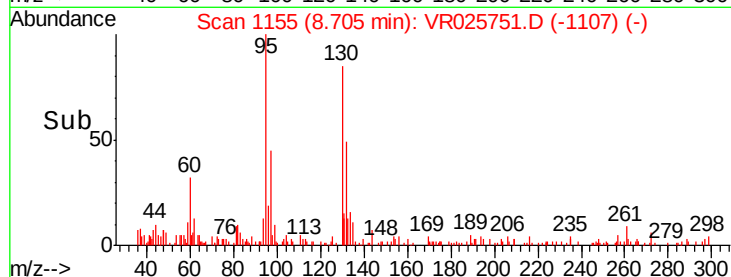
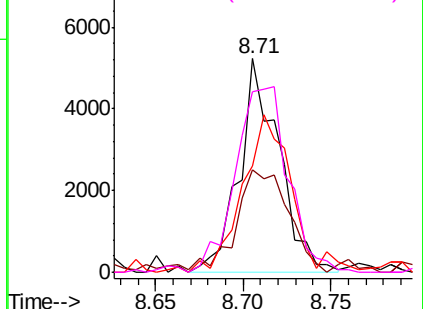


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.66 ug/L

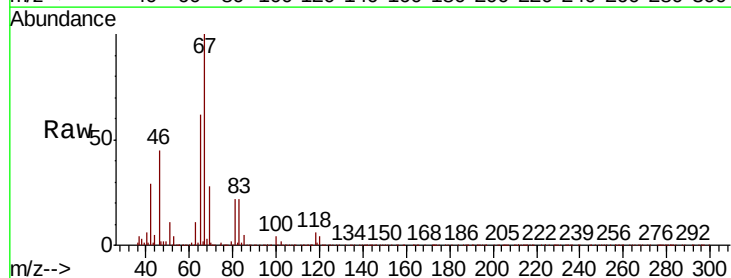
RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025751.D

Acq: 17 Sep 2018 19:33

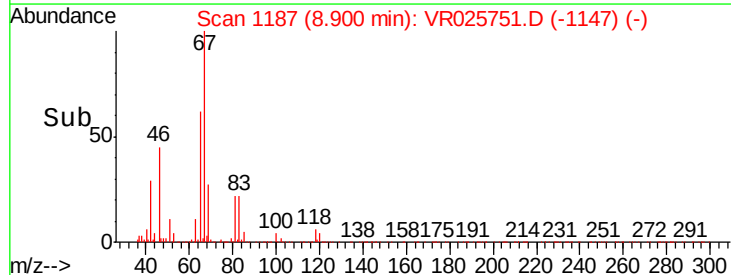
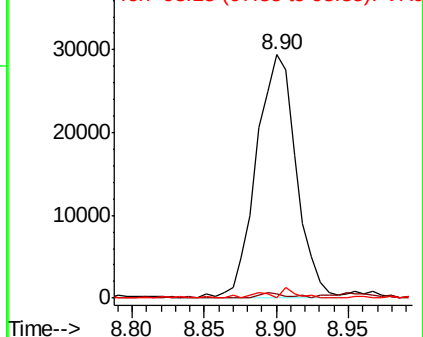
Tgt Ion:	83	Resp:	56316
Ion	Ratio	Lower	Upper
83	100		
55	1.2	60.2	90.4#
98	1.6	36.2	54.4#

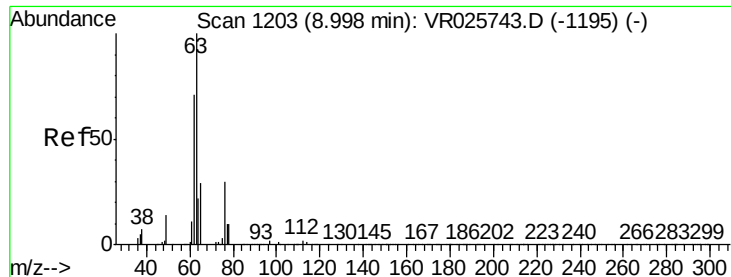


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

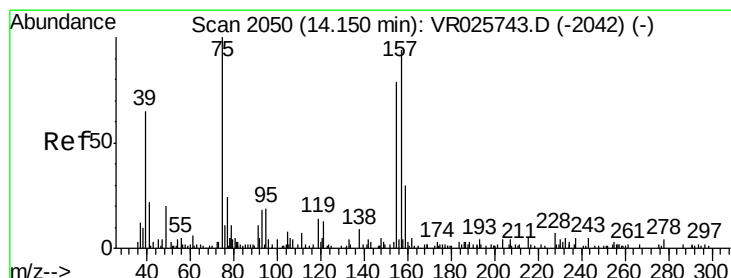
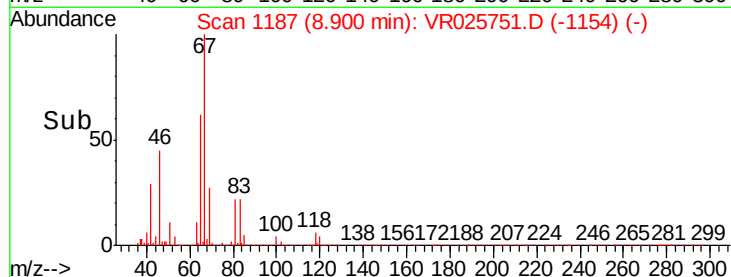
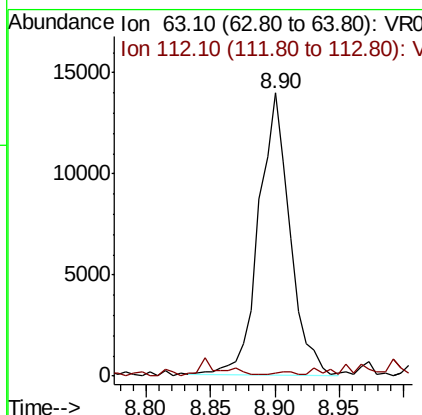
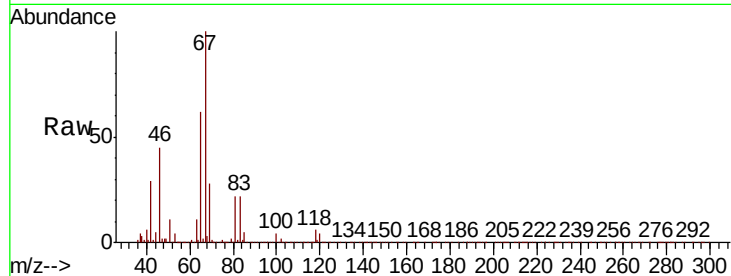




#37
 1,2-Dichloropropane
 Concen: 0.46 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR025751.D
 Acq: 17 Sep 2018 19:33

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 63 Resp: 23144
 Ion Ratio Lower Upper
 63 100
 112 0.8 3.3 4.9#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.25 ug/L
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: VR025751.D
 Acq: 17 Sep 2018 19:33

Tgt Ion: 75 Resp: 355
 Ion Ratio Lower Upper
 75 100
 155 74.4 63.6 95.4
 157 37.0 75.0 112.6#

