

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091418\
 Data File : VR025735.D
 Acq On : 14 Sep 2018 18:07
 Operator : SY/MD
 Sample : J4887-14
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 15 03:30:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 15 03:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	637274	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	538726	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	149446	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	171722	6.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.00%
7) Chloroethane-d5	2.62	69	135391	5.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.40%
11) 1,1-Dichloroethene-d2	3.63	63	304087	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.20%
20) 2-Butanone-d5	6.59	46	126993	45.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.80%
24) Chloroform-d	7.20	84	326964	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	7.90	65	114765	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	7.86	84	753234	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	8.90	67	211967	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	9.97	98	704080	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	10.24	79	41550	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	10.59	63	140405	48.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	80494	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	154781	7.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	146.20%#

Target Compounds

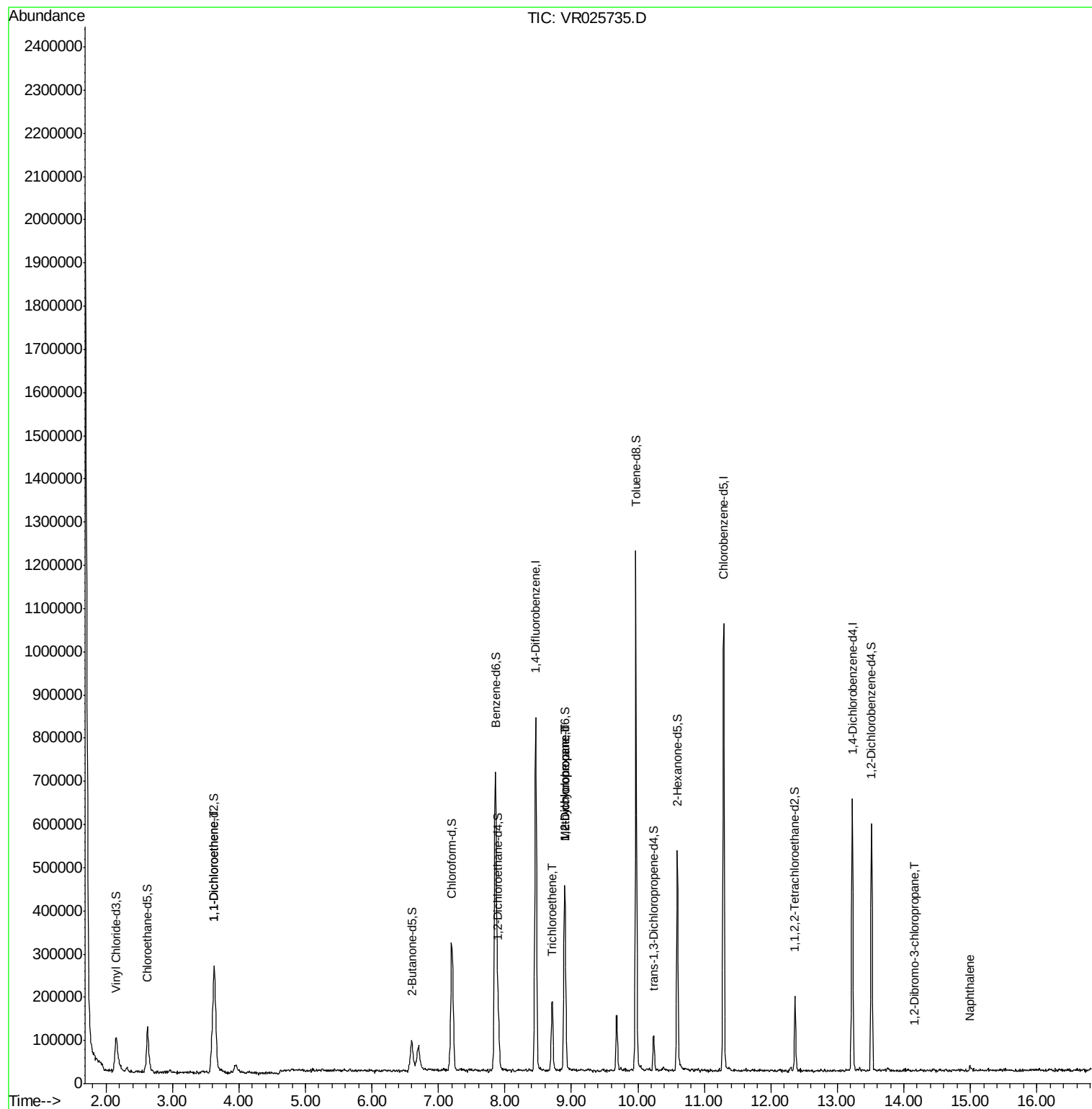
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	3.63	96	5398	0.13	ug/L	# 1
34) Trichloroethene	8.71	95	53106	1.14	ug/L	96
35) Methylcyclohexane	8.90	83	44426	0.62	ug/L	# 22
37) 1,2-Dichloropropane	8.90	63	19652	0.45	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.15	75	297	0.25	ug/L	# 31
69) Naphthalene	15.00	128	8035	0.42	ug/L	# 80

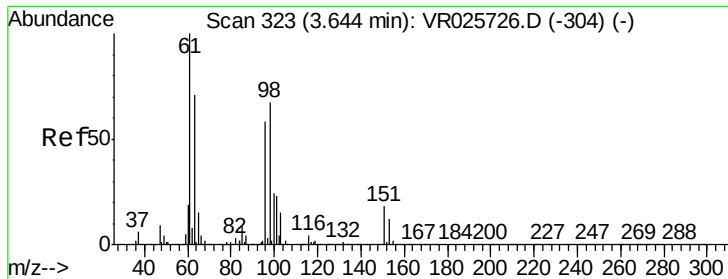
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.13 ug/L

RT: 3.63 min Scan# 320

Delta R.T. -0.02 min

Lab File: VR025735.D

Acq: 14 Sep 2018 18:07

Instrument :
MSVOA_R
ClientSampled :

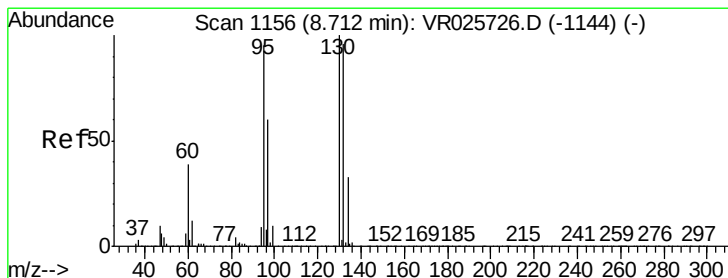
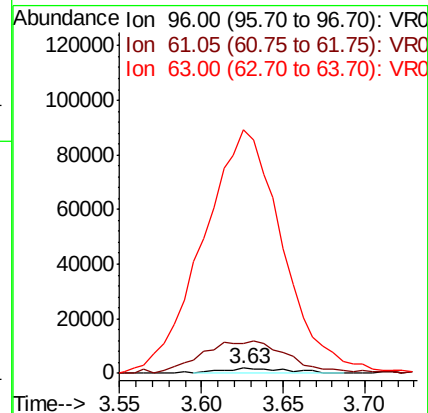
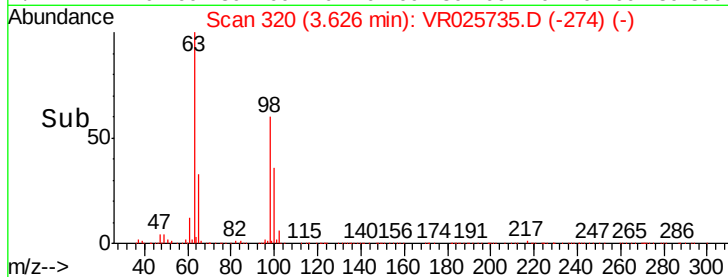
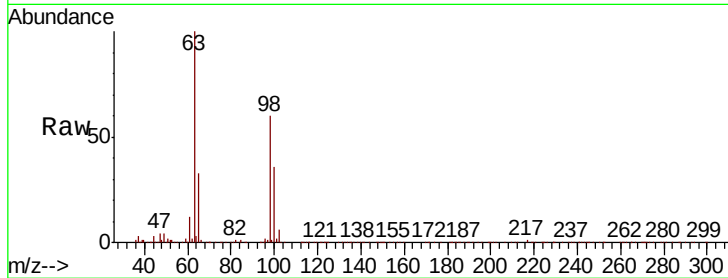
Tot Ion: 96 Resp: 5398

Ion Ratio Lower Upper

96 100

61 569.7 128.4 238.4#

63 4670.2 101.1 187.7#



#34

Trichloroethene

Concen: 1.14 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR025735.D

Acq: 14 Sep 2018 18:07

Tgt Ion: 95 Resp: 53106

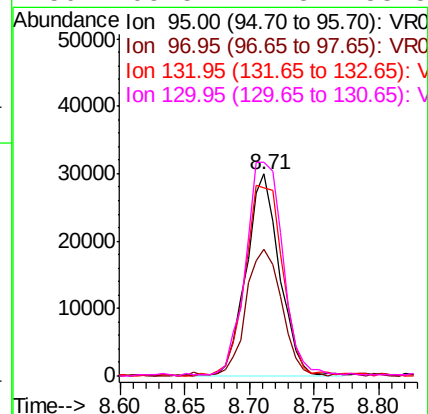
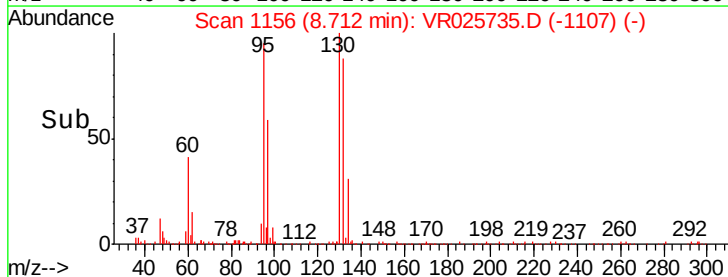
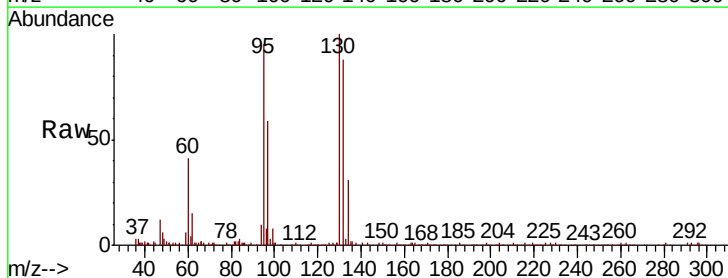
Ion Ratio Lower Upper

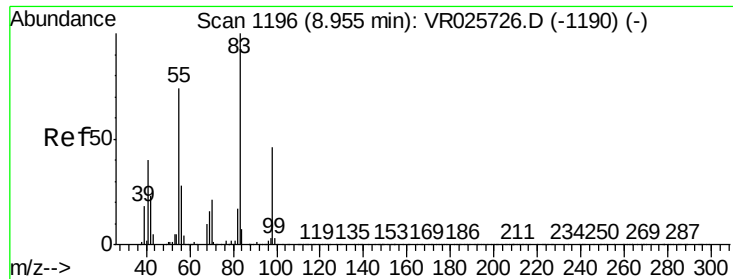
95 100

97 62.5 45.5 84.5

132 93.0 71.0 131.9

130 105.5 74.5 138.3

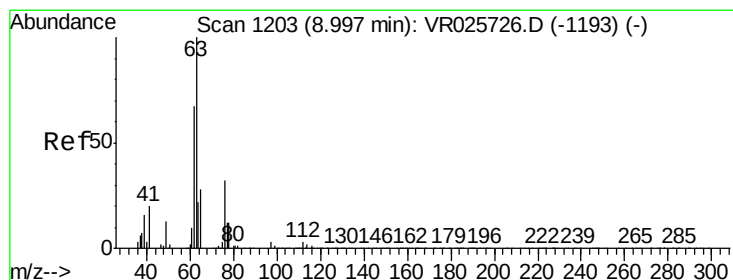
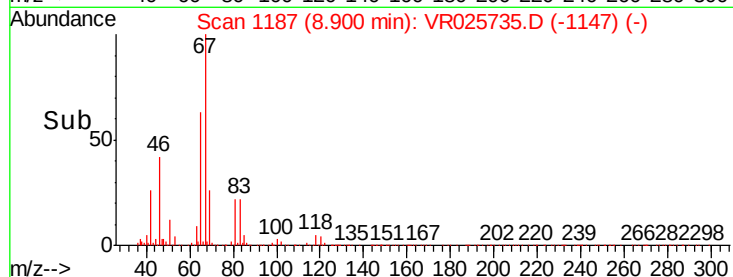
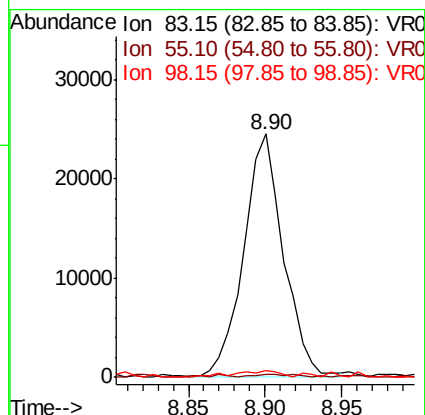
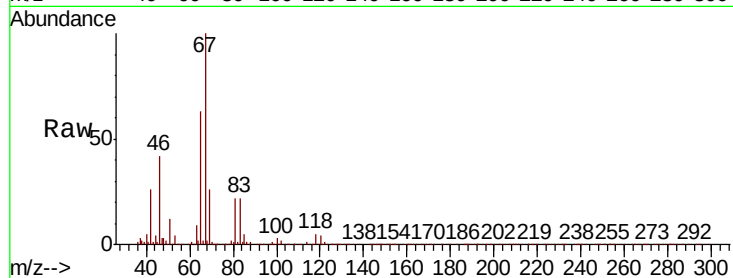




#35
Methylvlcyclohexane
Concen: 0.62 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025735.D
Acq: 14 Sep 2018 18:07

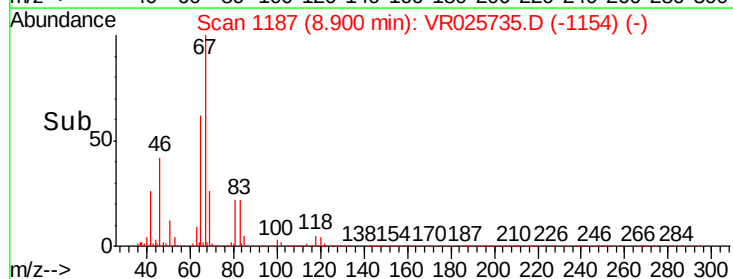
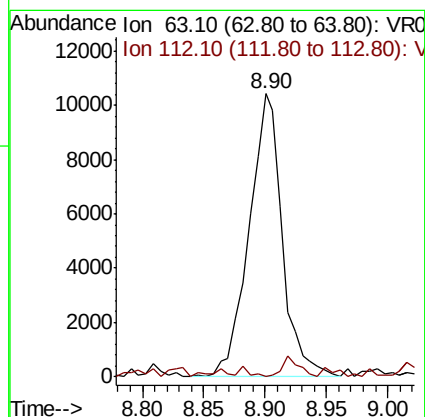
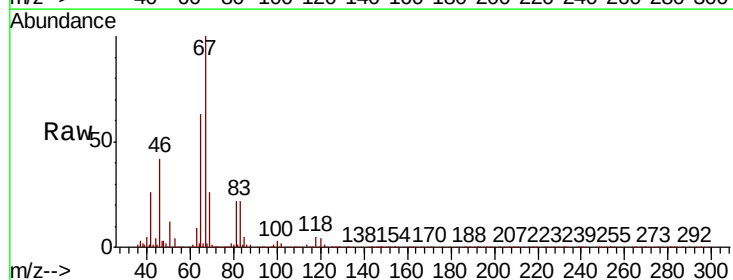
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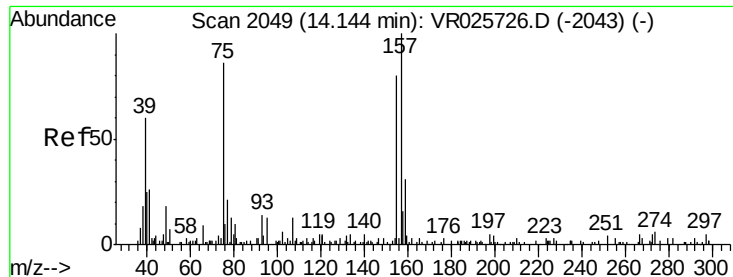
Tot Ion	83	Resp	44426
Ion Ratio	Lower	Upper	
83	100		
55	1.5	58.9	88.3#
98	3.1	36.9	55.3#



#37
1,2-Dichloropropane
Concen: 0.45 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025735.D
Acq: 14 Sep 2018 18:07

Tgt Ion	63	Resp	19652
Ion Ratio	Lower	Upper	
63	100		
112	3.6	2.9	4.3

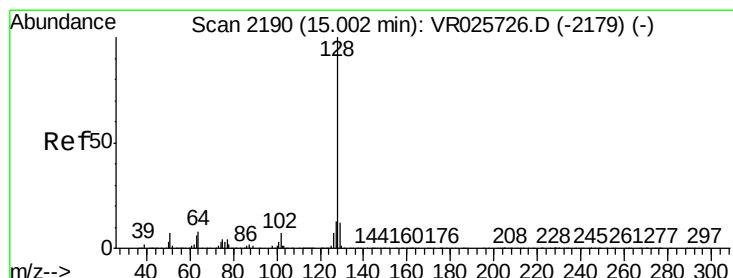
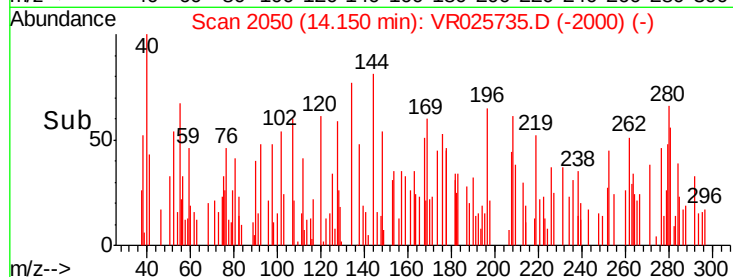
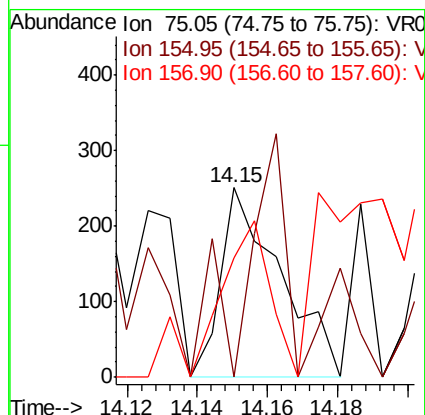
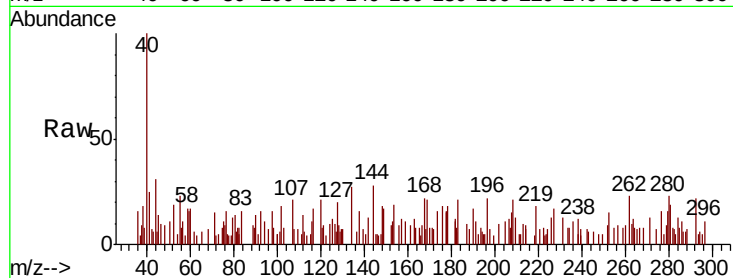




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.25 ug/L
 RT: 14.15 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: VR025735.D
 Acq: 14 Sep 2018 18:07

Instrument :
 MSVOA_R
 ClientSampled :

Tot Ion: 75 Resp: 297
 Ion Ratio Lower Upper
 75 100
 155 0.0 79.3 118.9#
 157 62.5 81.4 122.2#



#69
 Naphthalene
 Concen: 0.42 ug/L
 RT: 15.00 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: VR025735.D
 Acq: 14 Sep 2018 18:07

Tgt Ion: 128 Resp: 8035
 Ion Ratio Lower Upper
 128 100
 127 23.6 10.3 15.5#
 129 16.0 9.0 13.6#

