

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091418\
 Data File : VR025733.D
 Acq On : 14 Sep 2018 17:01
 Operator : SY/MD
 Sample : J4887-12
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KR7

Quant Time: Sep 15 03:30:30 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	609853	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	516523	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	151161	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	170957	6.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	129.00%
7) Chloroethane-d5	2.63	69	139584	6.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.60%
11) 1,1-Dichloroethene-d2	3.63	63	327057	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	6.60	46	115215	43.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.10%
24) Chloroform-d	7.20	84	309176	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	7.90	65	110067	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	7.85	84	745585	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	8.90	67	202485	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	9.97	98	673060	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	10.23	79	37924	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	10.59	63	132932	47.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.76%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	79700	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	143669	6.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	134.20%#

Target Compounds

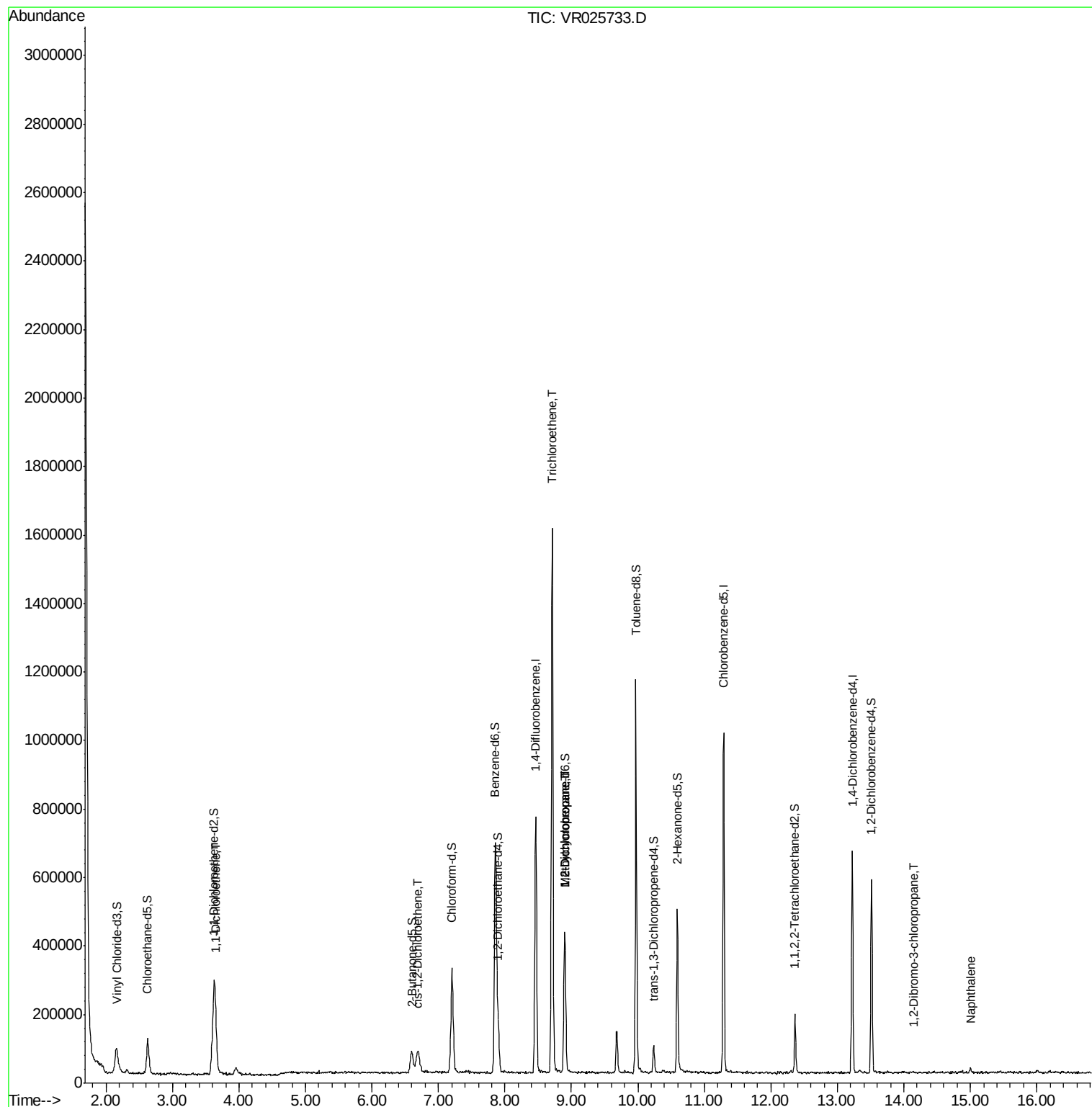
					Ovalue
12) 1,1-Dichloroethene	3.65	96	31564	0.79 ug/L	# 1
22) cis-1,2-Dichloroethene	6.67	96	18787	0.44 ug/L	# 89
34) Trichloroethene	8.71	95	506639	11.36 ug/L	# 93
35) Methylcyclohexane	8.89	83	44794	0.65 ug/L	# 20
37) 1,2-Dichloropropane	8.90	63	18619	0.45 ug/L	# 100
66) 1,2-Dibromo-3-chloropropan	14.14	75	284	0.24 ug/L	# 16
69) Naphthalene	15.01	128	10232	0.53 ug/L	# 87

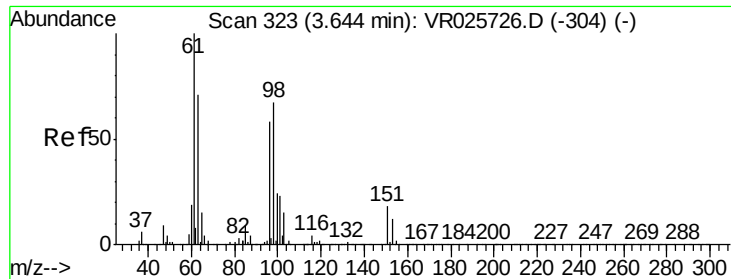
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.79 ug/L

RT: 3.65 min Scan# 324

Delta R.T. 0.01 min

Lab File: VR025733.D

Acq: 14 Sep 2018 17:01

Instrument :

MSVOA_R

ClientSampleId :

C0KR7

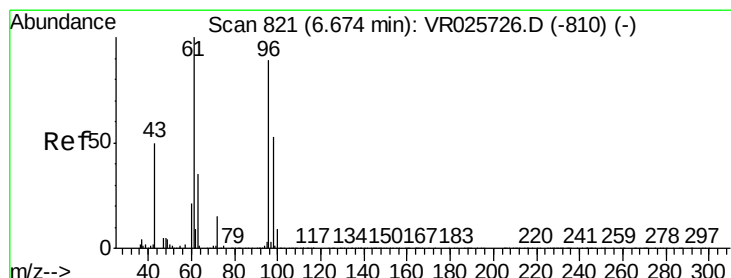
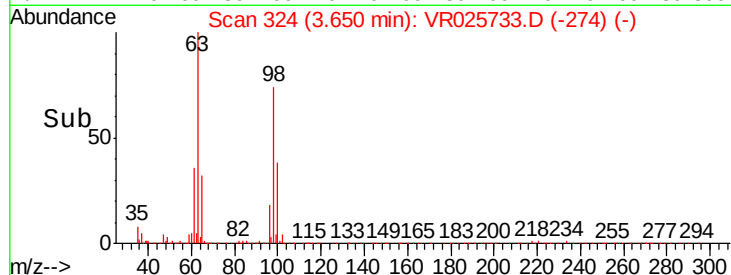
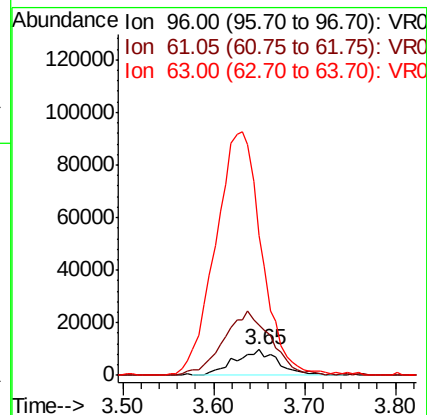
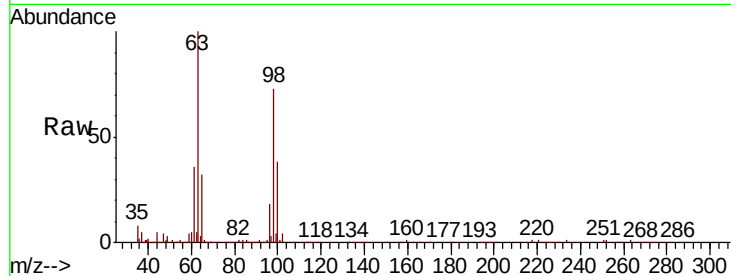
Tot Ion: 96 Resp: 31564

Ion Ratio Lower Upper

96 100

61 199.9 128.4 238.4

63 549.3 101.1 187.7#



#22

cis-1,2-Dichloroethene

Concen: 0.44 ug/L

RT: 6.67 min Scan# 821

Delta R.T. -0.00 min

Lab File: VR025733.D

Acq: 14 Sep 2018 17:01

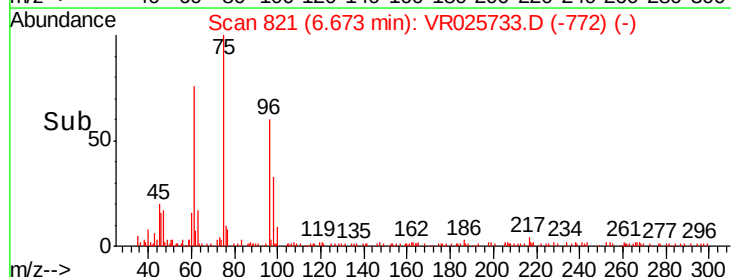
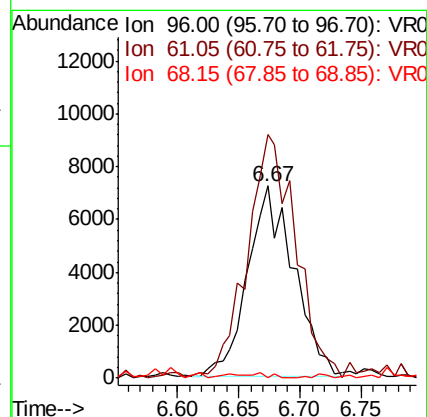
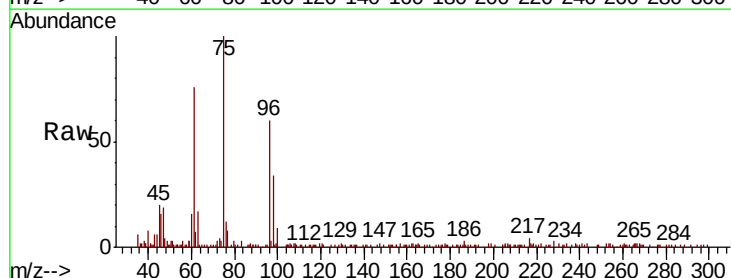
Tgt Ion: 96 Resp: 18787

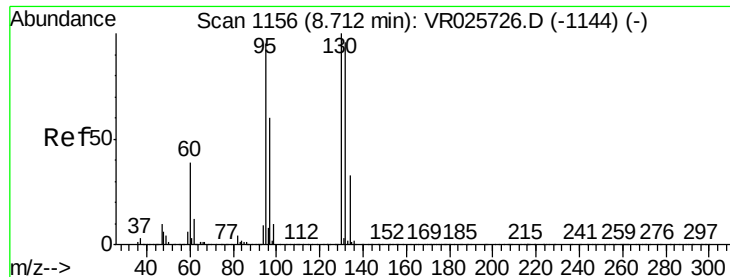
Ion Ratio Lower Upper

96 100

61 126.6 79.9 148.5

68 0.0 0.2 0.4#





#34

Trichloroethene

Concen: 11.36 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR025733.D

Acq: 14 Sep 2018 17:01

Instrument :

MSVOA_R

ClientSampleId :

C0KR7

Tot Ion: 95 Resp: 506639

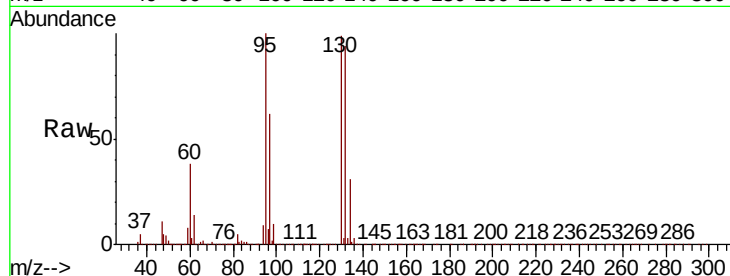
Ion Ratio Lower Upper

95 100

97 61.9 45.5 84.5

132 93.8 71.0 131.9

130 98.8 74.5 138.3

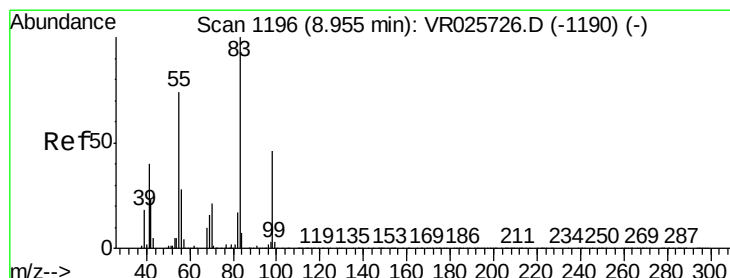
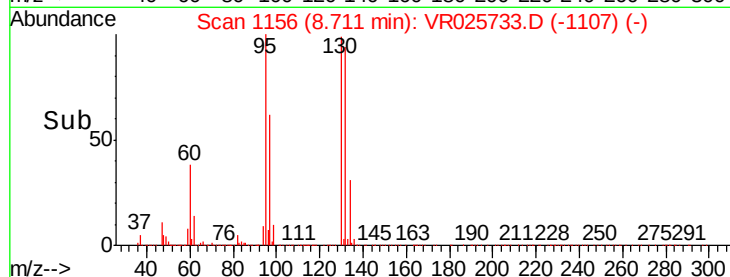
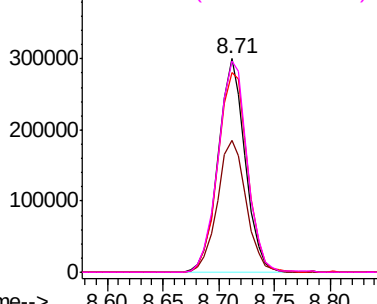


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.65 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR025733.D

Acq: 14 Sep 2018 17:01

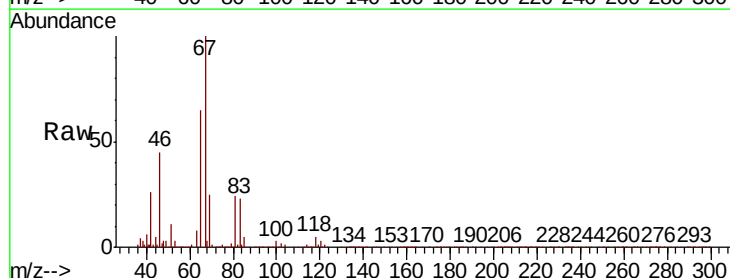
Tgt Ion: 83 Resp: 44794

Ion Ratio Lower Upper

83 100

55 0.7 58.9 88.3#

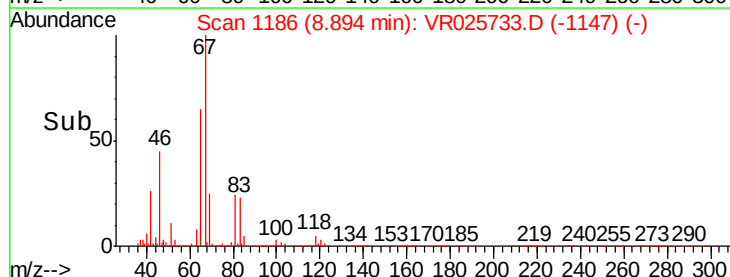
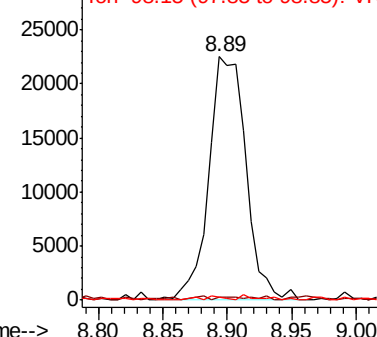
98 0.0 36.9 55.3#

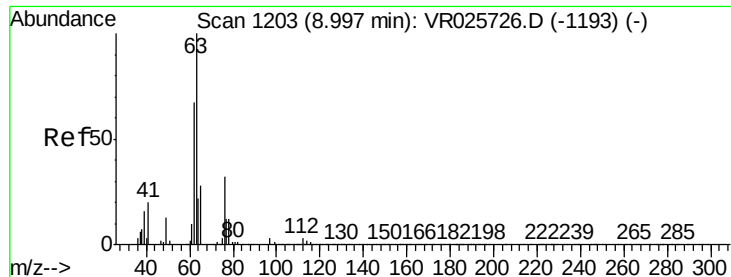


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

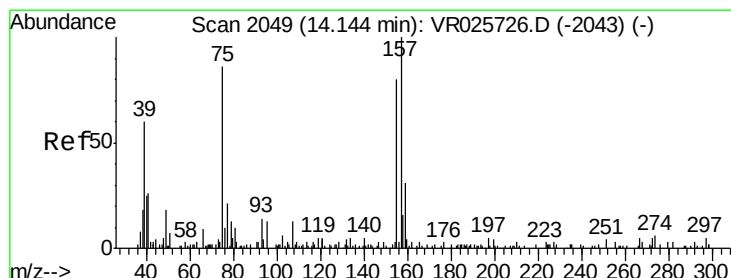
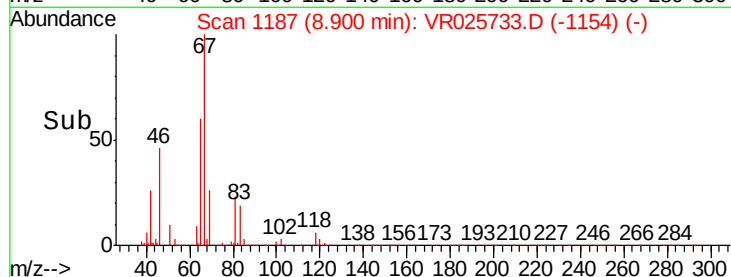
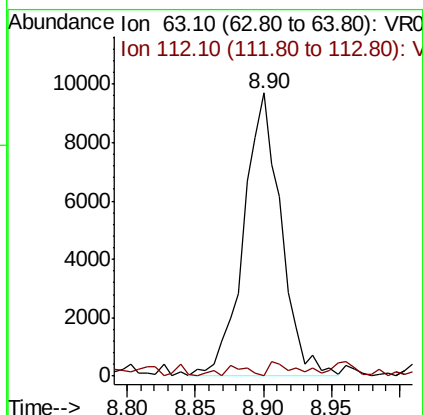
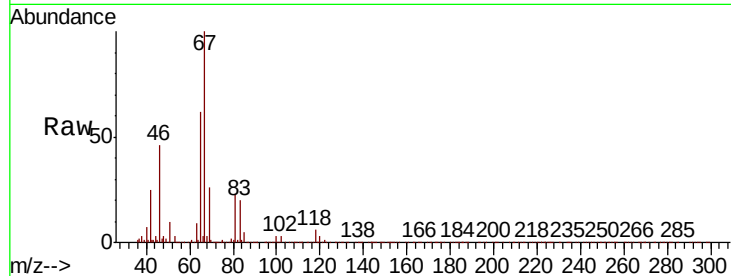




#37
 1,2-Dichloropropane
 Concen: 0.45 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR025733.D
 Acq: 14 Sep 2018 17:01

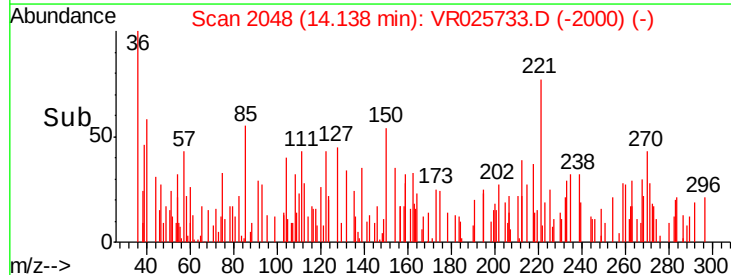
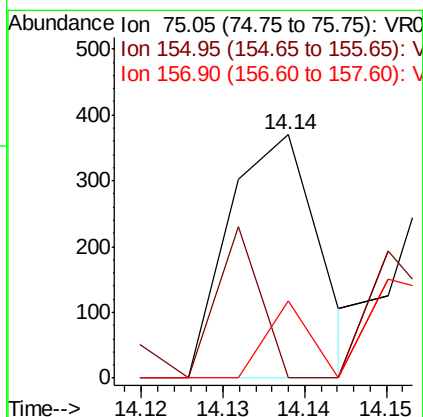
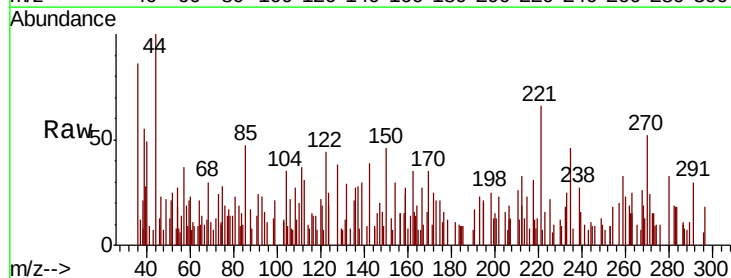
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 MSVOA_R
 ClientSampled :
 C0KR7

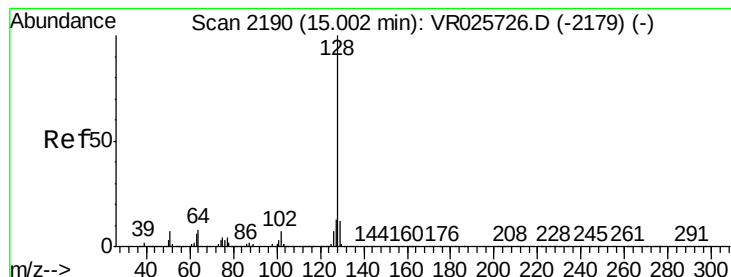
Tot Ion: 63 Resp: 18619
 Ion Ratio Lower Upper
 63 100
 112 3.7 2.9 4.3



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.24 ug/L
 RT: 14.14 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VR025733.D
 Acq: 14 Sep 2018 17:01

Tgt Ion: 75 Resp: 284
 Ion Ratio Lower Upper
 75 100
 155 0.0 79.3 118.9#
 157 31.9 81.4 122.2#





#69

Naphthalene

Concen: 0.53 ug/L

RT: 15.01 min Scan# 2191

Delta R.T. 0.01 min

Lab File: VR025733.D

Acq: 14 Sep 2018 17:01

Instrument :

MSVOA_R

ClientSampleId :

C0KR7

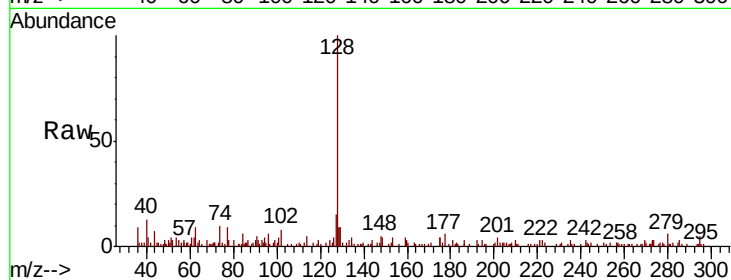
Tot Ion:128 Resp: 10232

Ion Ratio Lower Upper

128 100

127 18.4 10.3 15.5#

129 15.8 9.0 13.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

