

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091418\
 Data File : VR025734.D
 Acq On : 14 Sep 2018 17:34
 Operator : SY/MD
 Sample : J4887-13
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KR8

Quant Time: Sep 15 03:30:40 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	591331	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	509525	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	148205	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	168964	6.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.40%#
7) Chloroethane-d5	2.62	69	141668	6.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	134.60%#
11) 1,1-Dichloroethene-d2	3.62	63	335632	4.77	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	6.59	46	113787	43.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.68%
24) Chloroform-d	7.20	84	317191	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	7.90	65	110662	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	7.86	84	730060	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	8.90	67	200425	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	9.97	98	661100	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	10.24	79	38303	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	10.59	63	138148	50.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.88%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	81173	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	146819	6.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	139.80%#

Target Compounds

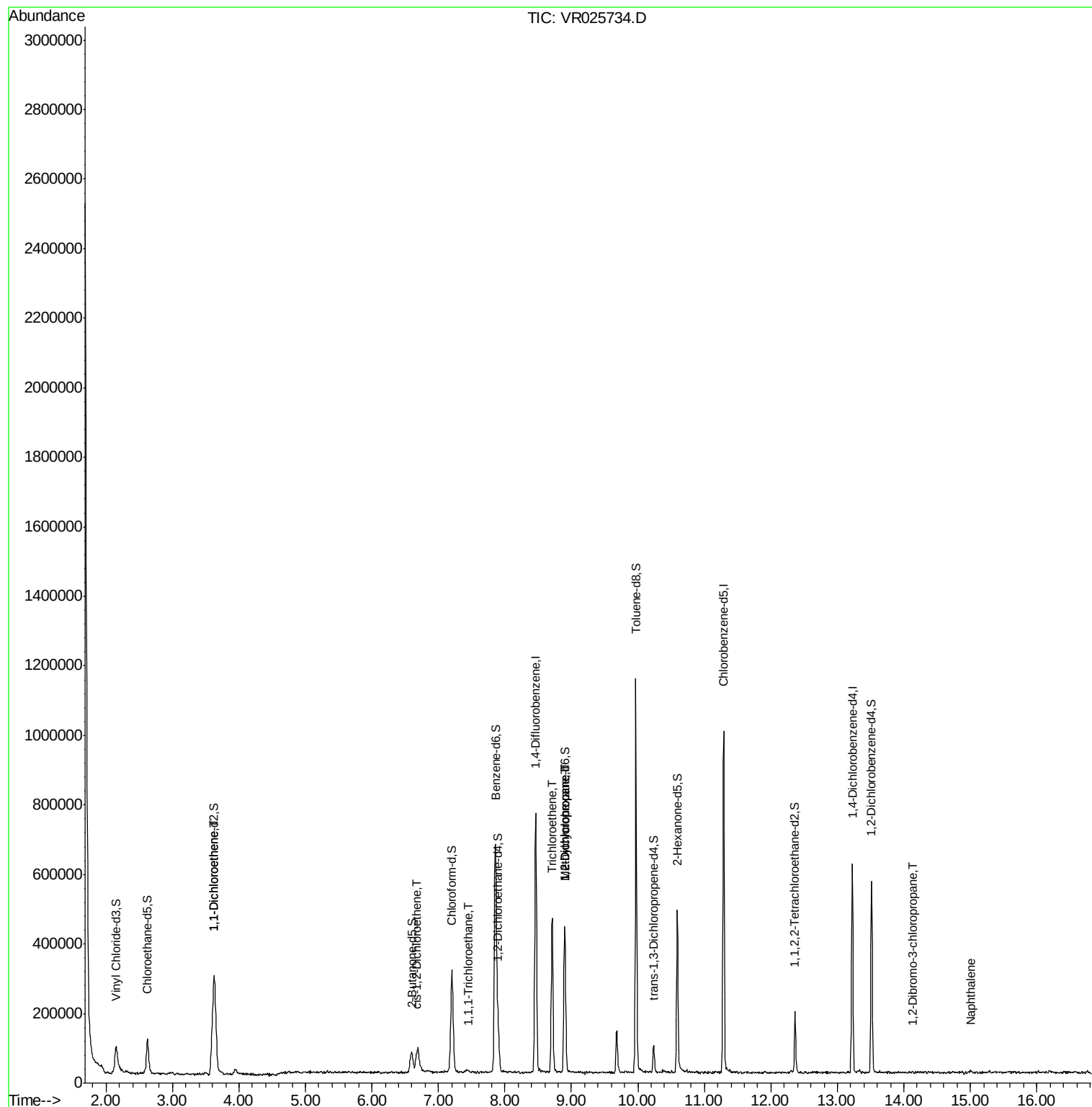
					Ovalue
12) 1,1-Dichloroethene	3.63	96	26710	0.69 ug/L #	1
22) cis-1,2-Dichloroethene	6.67	96	25393	0.62 ug/L #	96
29) 1,1,1-Trichloroethane	7.45	97	6786	0.13 ug/L #	38
34) Trichloroethene	8.71	95	147071	3.34 ug/L	99
35) Methylcyclohexane	8.90	83	47155	0.69 ug/L #	21
37) 1,2-Dichloropropane	8.89	63	19738	0.48 ug/L #	92
66) 1,2-Dibromo-3-chloropropan	14.13	75	212	0.18 ug/L #	13
69) Naphthalene	15.00	128	4871	0.26 ug/L #	74

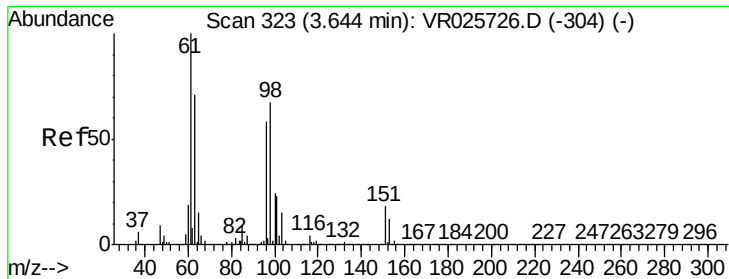
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.69 ug/L

RT: 3.63 min Scan# 321

Delta R.T. -0.01 min

Lab File: VR025734.D

Acq: 14 Sep 2018 17:34

Instrument :

MSVOA_R

ClientSampleId :

C0KR8

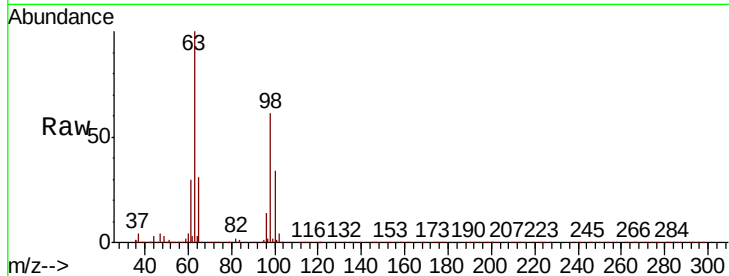
Tot Ion: 96 Resp: 26710

Ion Ratio Lower Upper

96 100

61 210.2 128.4 238.4

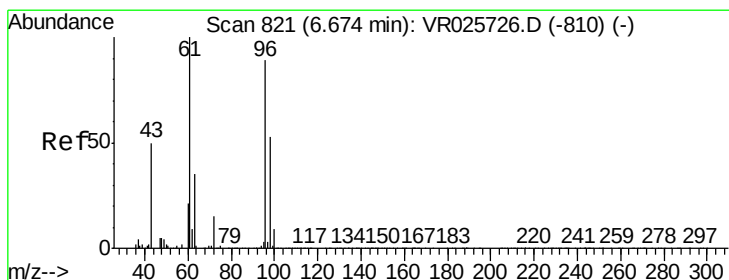
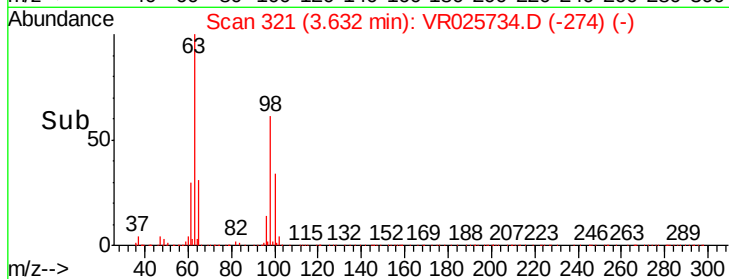
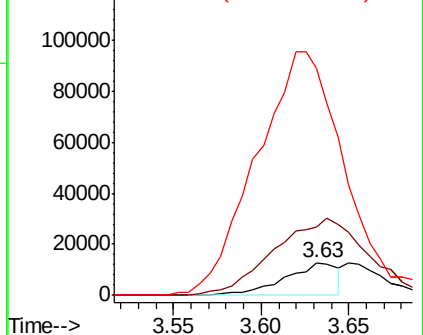
63 698.5 101.1 187.7#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#22

cis-1,2-Dichloroethene

Concen: 0.62 ug/L

RT: 6.67 min Scan# 820

Delta R.T. -0.01 min

Lab File: VR025734.D

Acq: 14 Sep 2018 17:34

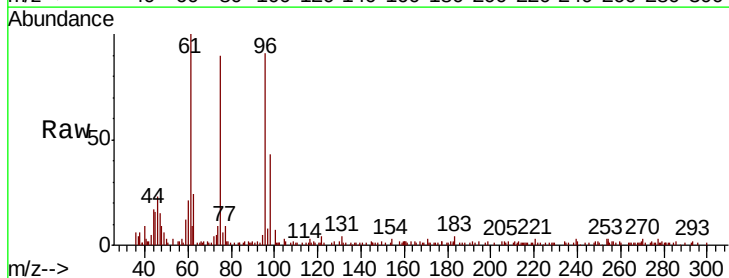
Tgt Ion: 96 Resp: 25393

Ion Ratio Lower Upper

96 100

61 109.5 79.9 148.5

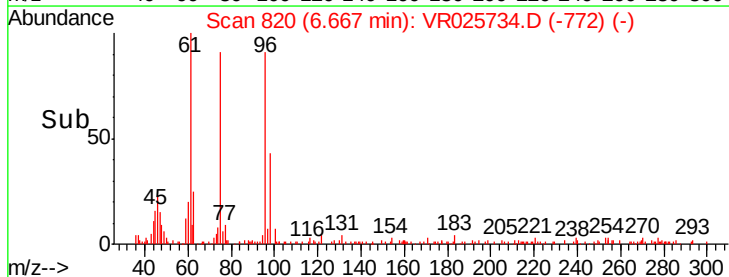
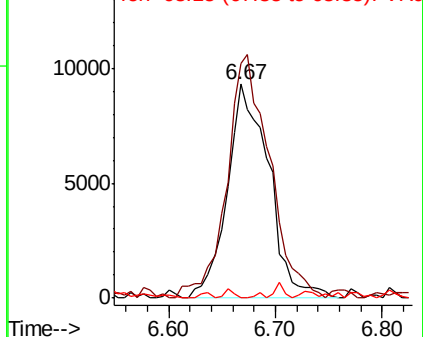
68 0.0 0.2 0.4#

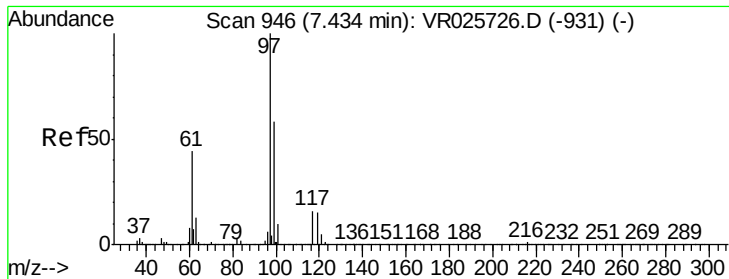


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#29

1,1,1-Trichloroethane

Concen: 0.13 ug/L

RT: 7.45 min Scan# 948

Delta R.T. 0.01 min

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Instrument :

MSVOA_R

ClientSampleId :

C0KR8

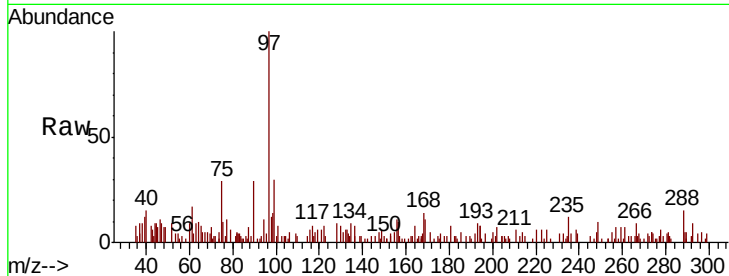
Tot Ion: 97 Resp: 6786

Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

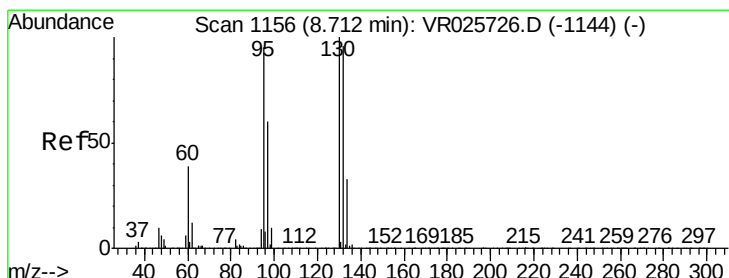
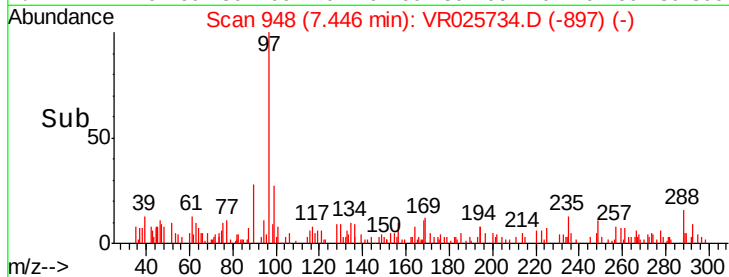
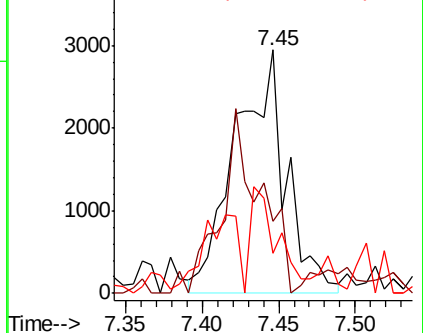
61 23.6 36.2 54.4#



Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0



#34

Trichloroethene

Concen: 3.34 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR025734.D

Acq: 14 Sep 2018 17:34

Tgt Ion: 95 Resp: 147071

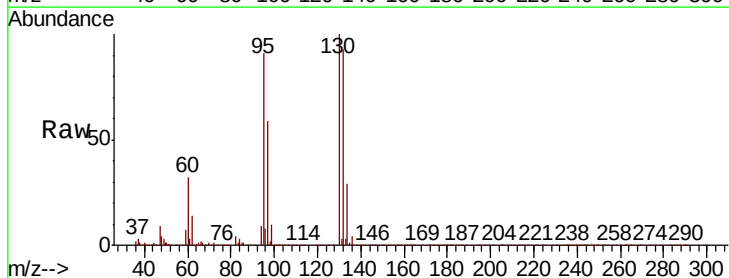
Ion Ratio Lower Upper

95 100

97 65.0 45.5 84.5

132 102.2 71.0 131.9

130 109.6 74.5 138.3

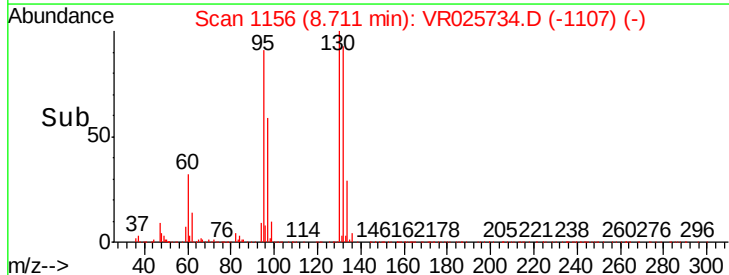
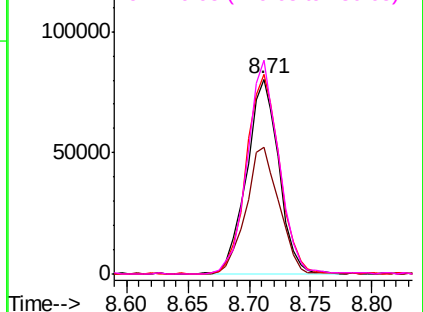


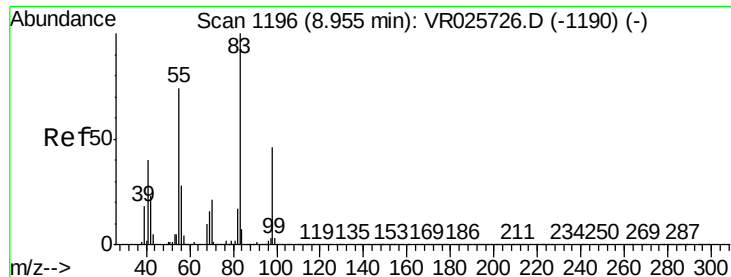
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

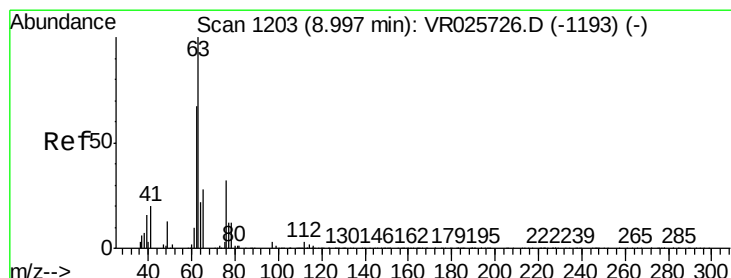
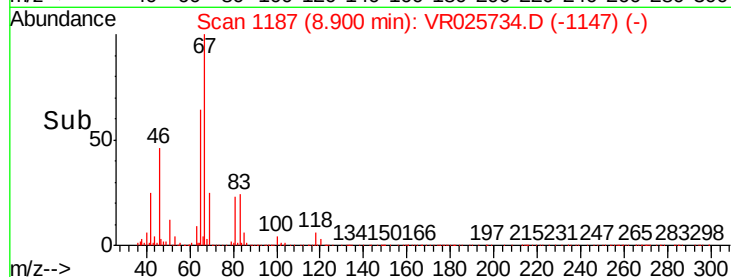
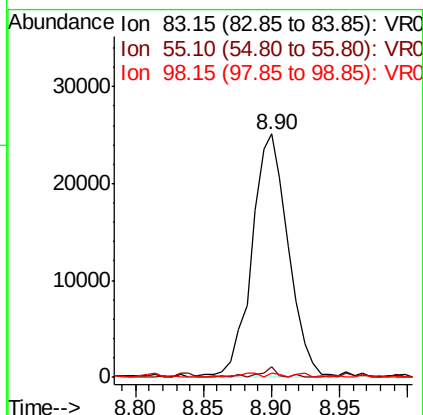
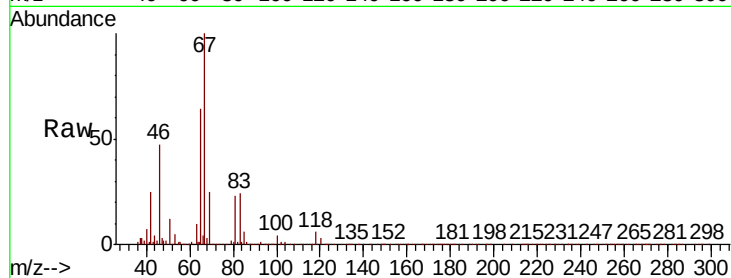




#35
Methylcyclohexane
Concen: 0.69 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025734.D
Acq: 14 Sep 2018 17:34

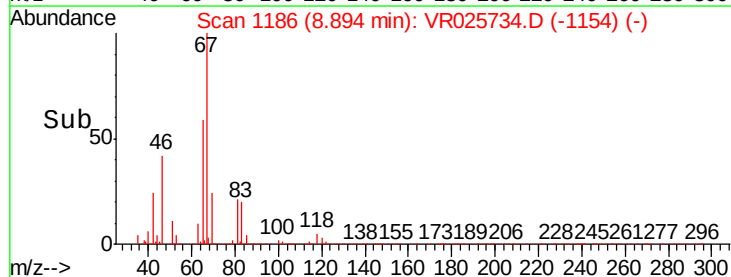
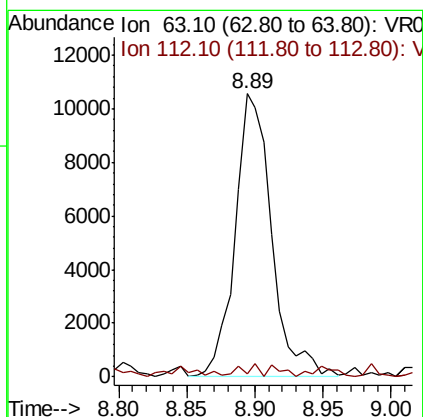
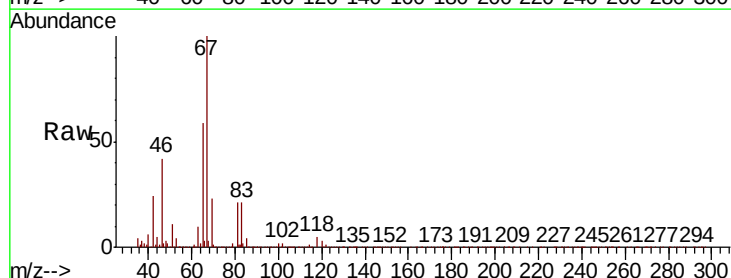
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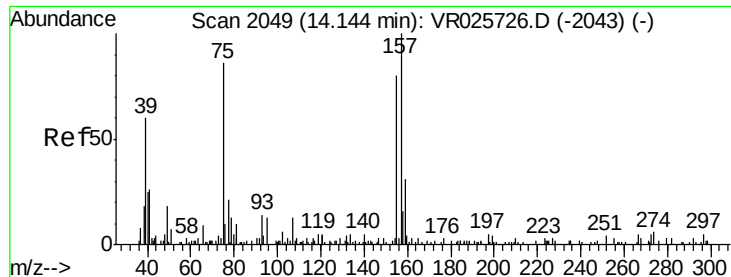
Tot Ion: 83 Resp: 47155
Ion Ratio Lower Upper
83 100
55 1.9 58.9 88.3#
98 0.6 36.9 55.3#



#37
1,2-Dichloropropane
Concen: 0.48 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR025734.D
Acq: 14 Sep 2018 17:34

Tgt Ion: 63 Resp: 19738
Ion Ratio Lower Upper
63 100
112 1.0 2.9 4.3#

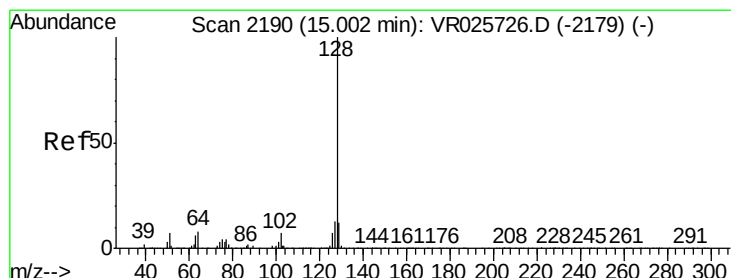
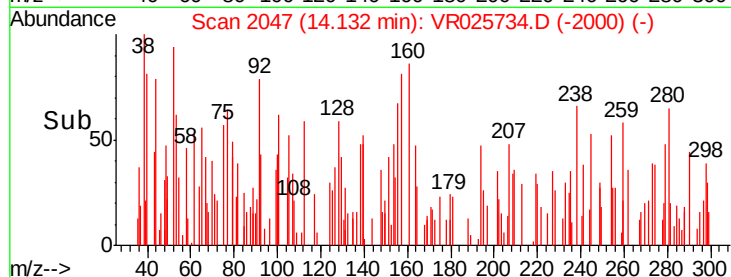
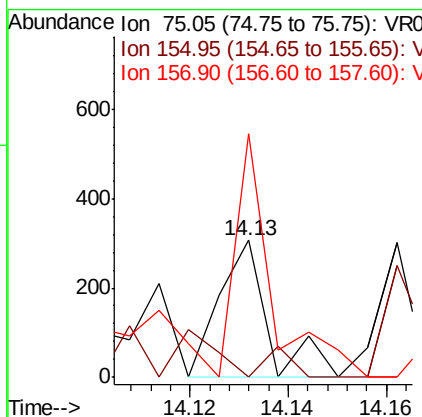
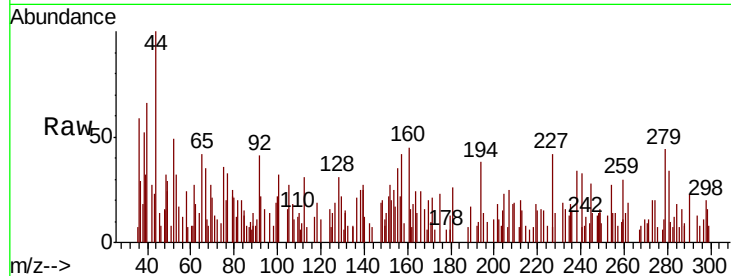




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.18 ug/L
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: VR025734.D
 Acq: 14 Sep 2018 17:34

Instrument :
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 ClientSampleId :
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Tot Ion: 75 Resp: 212
 Ion Ratio Lower Upper
 75 100
 155 0.0 79.3 118.9#
 157 177.8 81.4 122.2#



#69
 Naphthalene
 Concen: 0.26 ug/L
 RT: 15.00 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: VR025734.D
 Acq: 14 Sep 2018 17:34

Tgt Ion: 128 Resp: 4871
 Ion Ratio Lower Upper
 128 100
 127 25.0 10.3 15.5#
 129 19.6 9.0 13.6#

