

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091318\
 Data File : VR025720.D
 Acq On : 13 Sep 2018 18:45
 Operator : SY/MD
 Sample : J4887-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KQ4

Quant Time: Sep 14 06:58:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 06:42:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	642665	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	565249	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	171442	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	194930	6.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	139.60%#
7) Chloroethane-d5	2.63	69	153507	6.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	134.20%#
11) 1,1-Dichloroethene-d2	3.63	63	402296	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.20%
20) 2-Butanone-d5	6.60	46	110465	39.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.32%
24) Chloroform-d	7.20	84	329732	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	7.90	65	112088	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	7.85	84	776362	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	8.90	67	211008	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	9.97	98	698798	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	10.24	79	39968	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	10.59	63	132760	43.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.38%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	84368	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	152103	6.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.20%#

Target Compounds

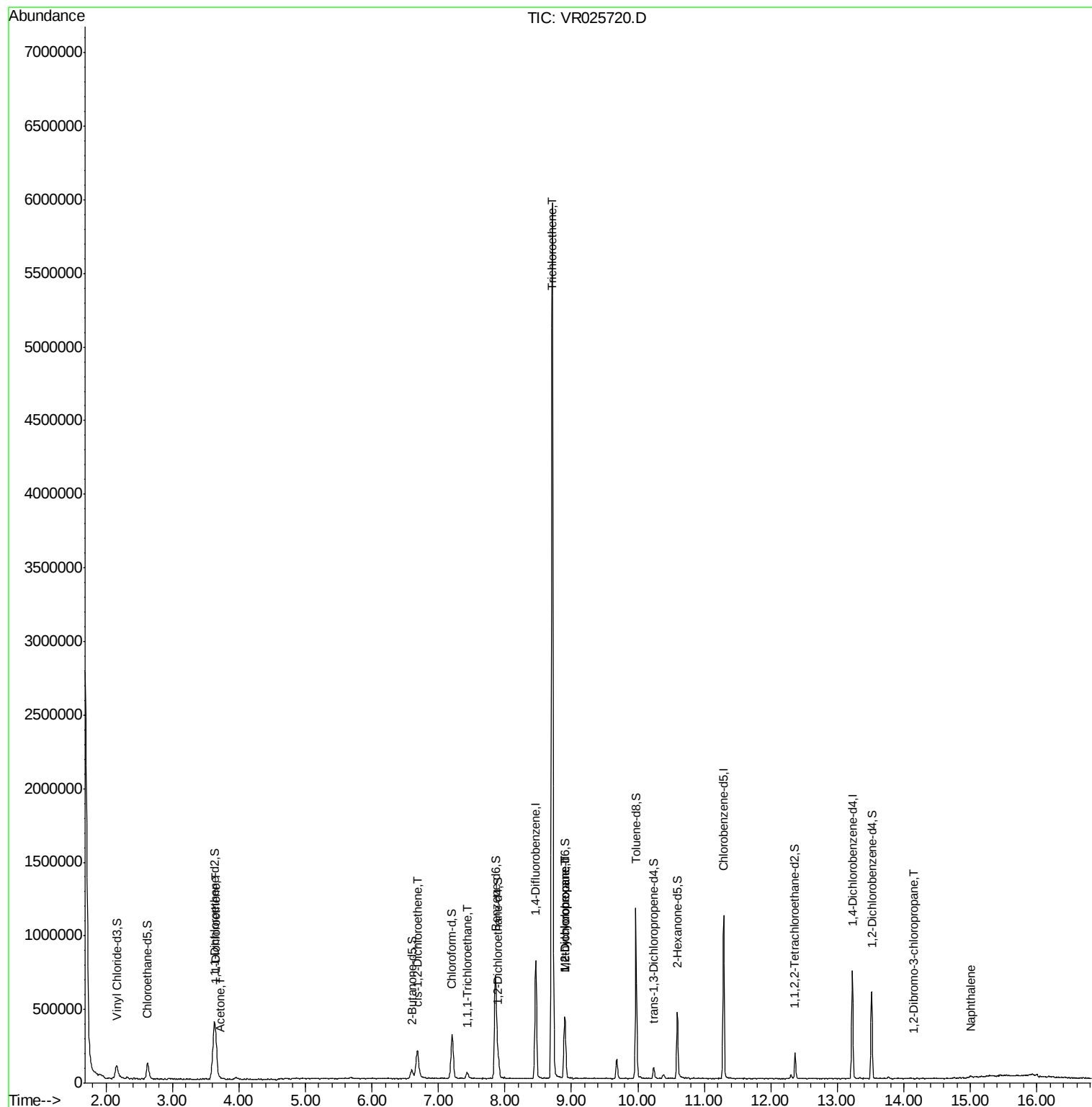
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	3.65	96	116690	2.78	ug/L	# 75
13) Acetone	3.72	43	4286	2.25	ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	103801	2.33	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	31167	0.55	ug/L	91
34) Trichloroethene	8.71	95	1925701	39.45	ug/L	97
35) Methylcyclohexane	8.90	83	45092	0.60	ug/L	# 21
37) 1,2-Dichloropropane	8.89	63	20367	0.45	ug/L	# 94
66) 1,2-Dibromo-3-chloropropan	14.14	75	387	0.28	ug/L	# 1
69) Naphthalene	15.00	128	7340	0.34	ug/L	# 95

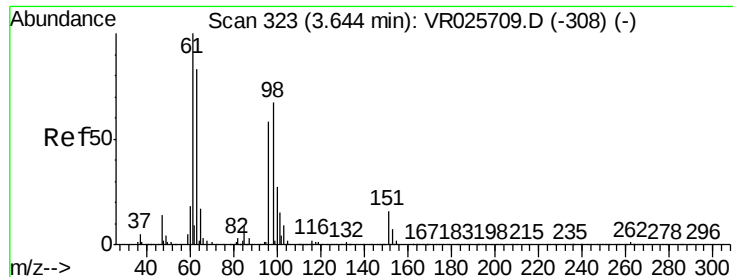
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 14 06:42:34 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.78 ug/L

RT: 3.65 min Scan# 324

Delta R.T. 0.01 min

Lab File: VR025720.D

Acq: 13 Sep 2018 18:45

Instrument :

MSVOA_R

ClientSampled :

C0KQ4

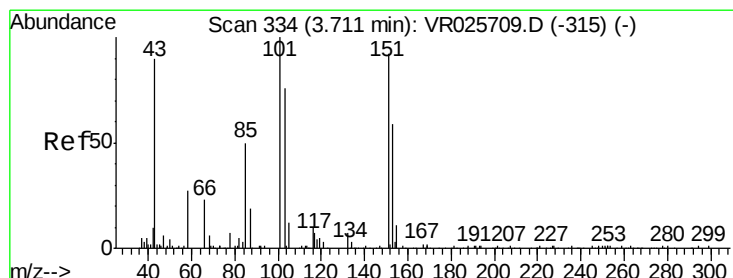
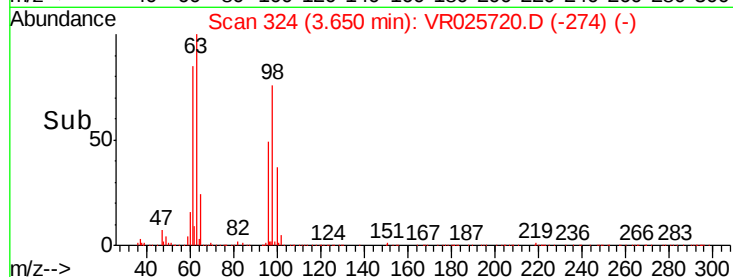
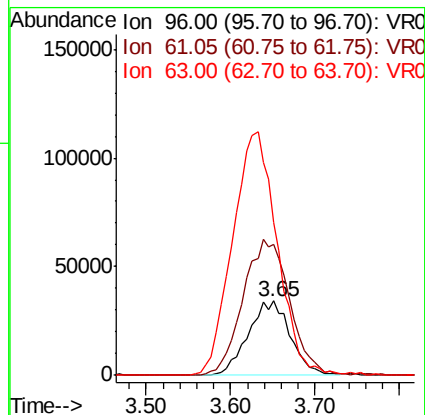
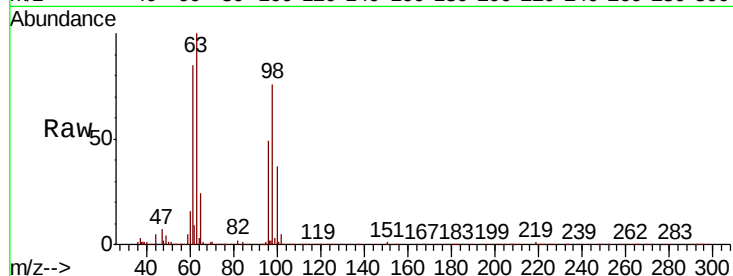
Tot Ion: 96 Resp: 116690

Ion Ratio Lower Upper

96 100

61 175.7 128.4 238.4

63 206.1 101.1 187.7#



#13

Acetone

Concen: 2.25 ug/L

RT: 3.72 min Scan# 335

Delta R.T. 0.01 min

Lab File: VR025720.D

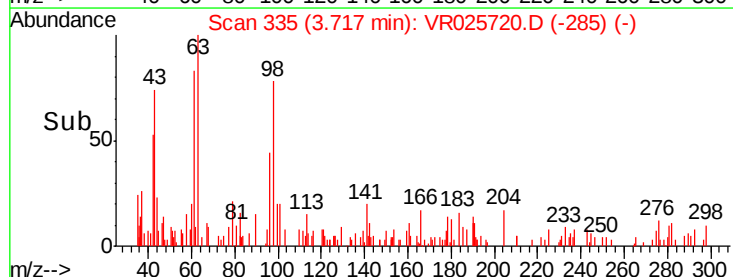
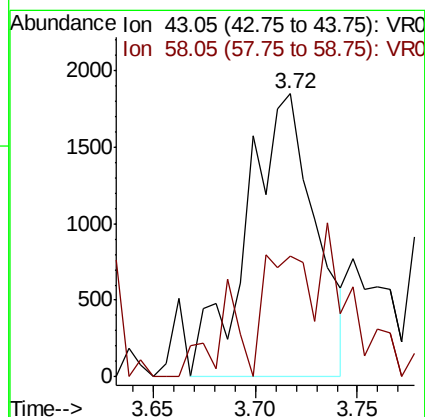
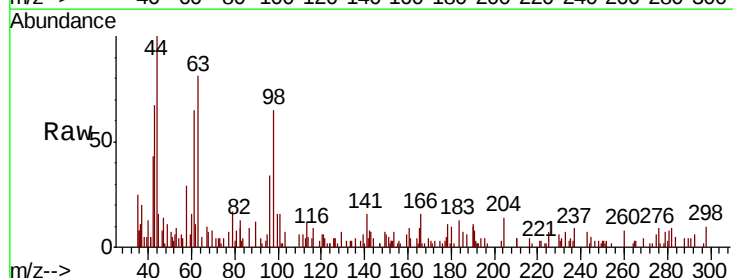
Acq: 13 Sep 2018 18:45

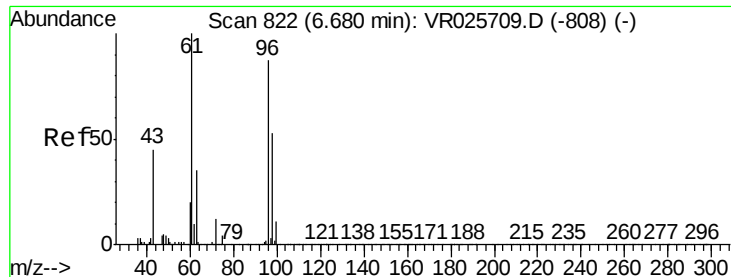
Tgt Ion: 43 Resp: 4286

Ion Ratio Lower Upper

43 100

58 29.0 0.0 53.6



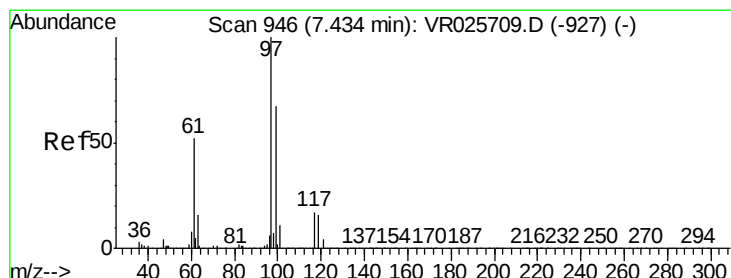
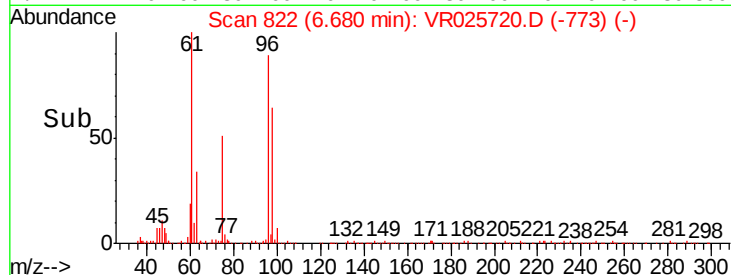
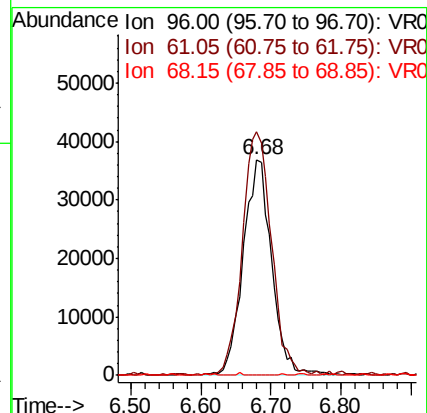
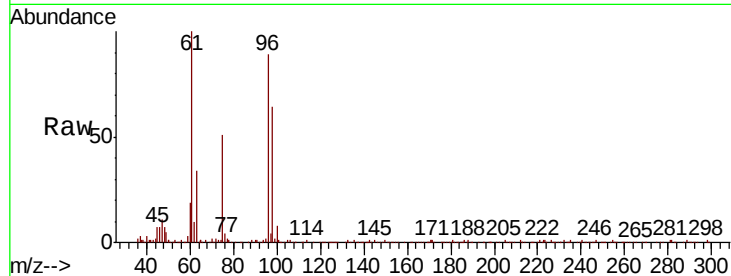


#22

cis-1,2-Dichloroethene
Concen: 2.33 ug/L
RT: 6.68 min Scan# 822
Delta R.T. 0.00 min
Lab File: VR025720.D
Acq: 13 Sep 2018 18:45

Instrument :
MSVOA_R
ClientSampled :
C0KQ4

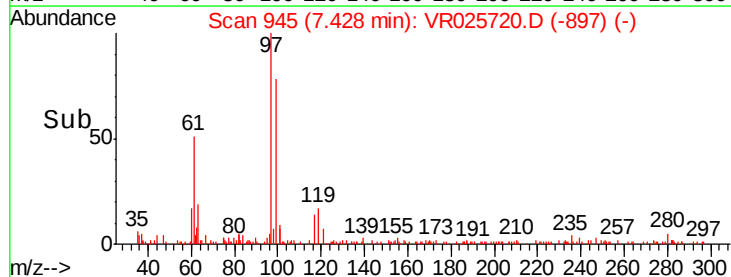
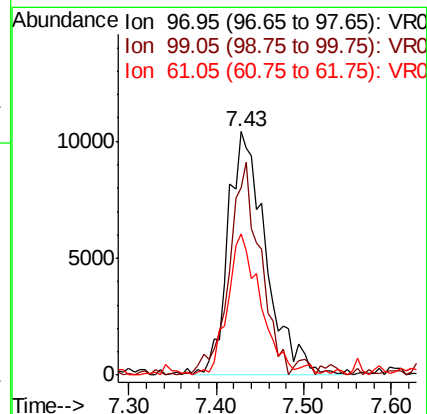
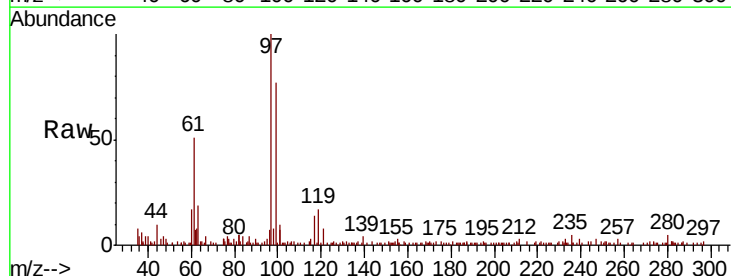
Tot Ion: 96 Resp: 103801
Ion Ratio Lower Upper
96 100
61 112.8 79.9 148.5
68 0.3 0.2 0.4

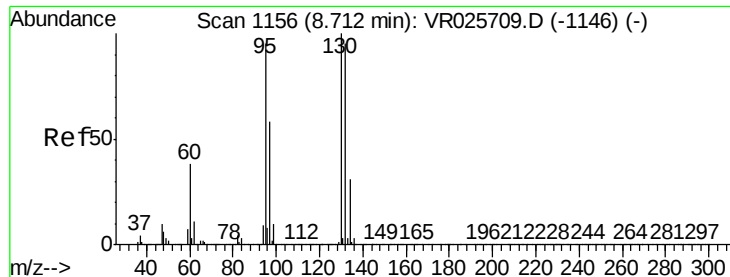


#29

1,1,1-Trichloroethane
Concen: 0.55 ug/L
RT: 7.43 min Scan# 945
Delta R.T. -0.01 min
Lab File: VR025720.D
Acq: 13 Sep 2018 18:45

Tgt Ion: 97 Resp: 31167
Ion Ratio Lower Upper
97 100
99 71.8 51.3 76.9
61 50.2 36.2 54.4





#34

Trichloroethene

Concen: 39.45 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR025720.D

Acq: 13 Sep 2018 18:45

Instrument :

MSVOA_R

ClientSampleId :

C0KQ4

Tot Ion: 95 Resp: 1925701

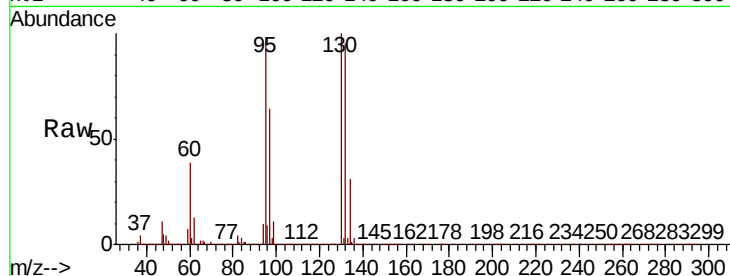
Ion Ratio Lower Upper

95 100

97 65.8 45.5 84.5

132 97.4 71.0 131.9

130 102.2 74.5 138.3

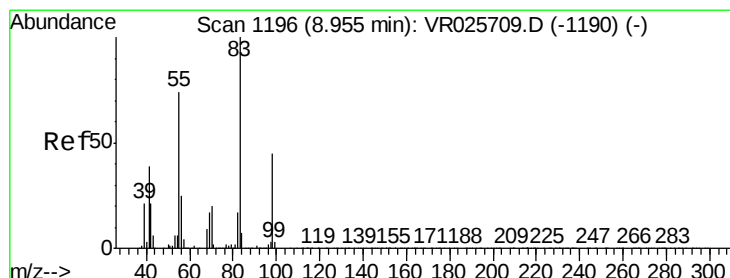
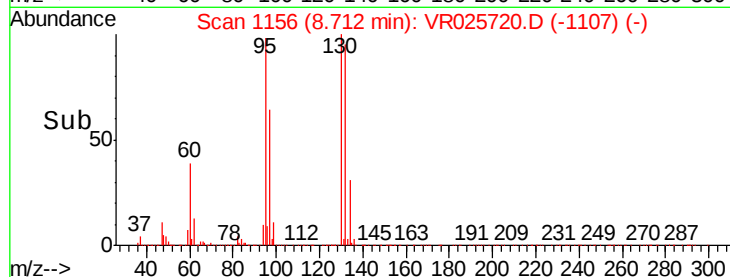
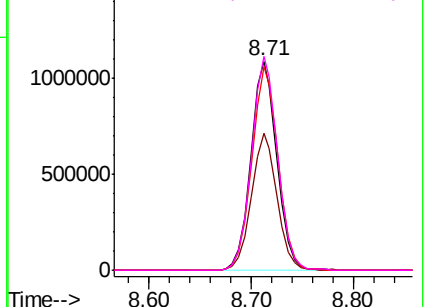


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.60 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025720.D

Acq: 13 Sep 2018 18:45

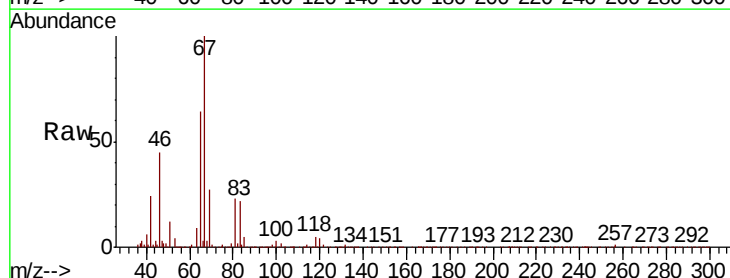
Tgt Ion: 83 Resp: 45092

Ion Ratio Lower Upper

83 100

55 1.7 58.9 88.3#

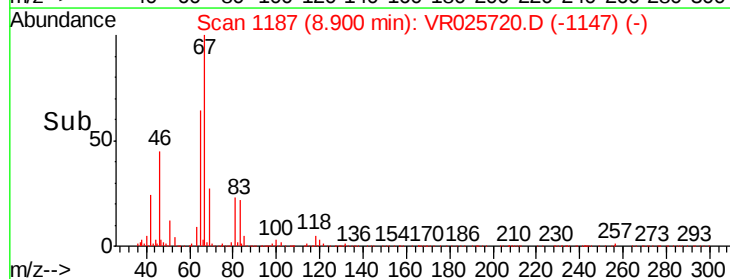
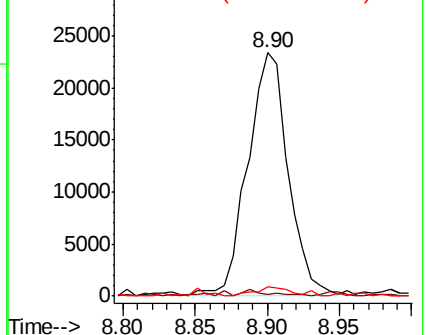
98 0.0 36.9 55.3#

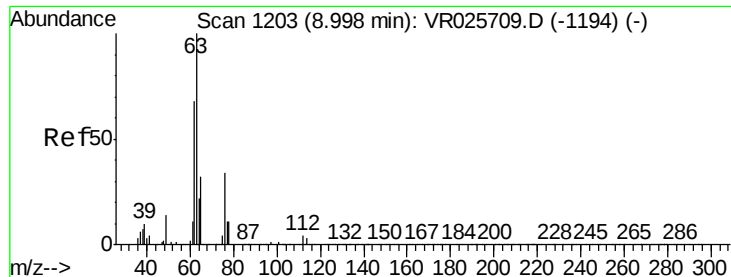


Abundance Ion 83.15 (82.85 to 83.85): VR0

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: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR025720.D

Acq: 13 Sep 2018 18:45

Instrument :

MSVOA_R

ClientSampleId :

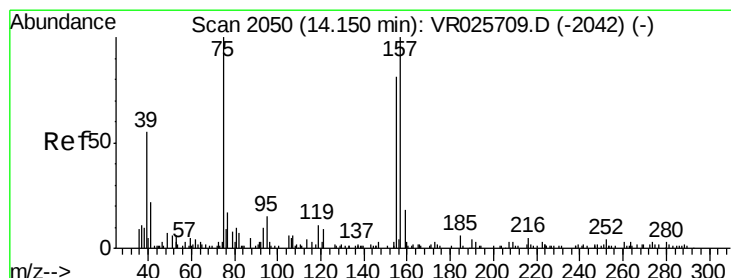
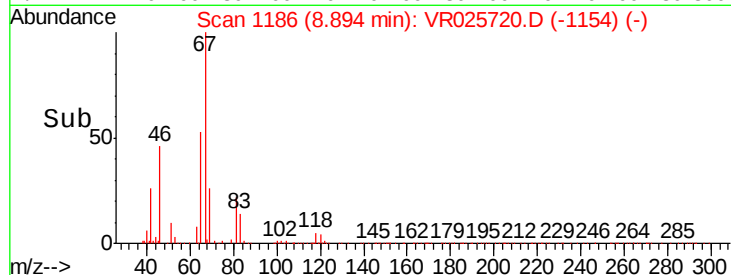
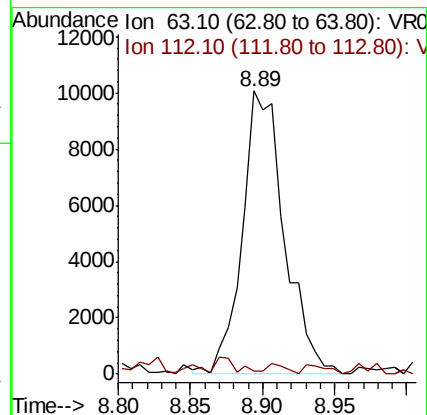
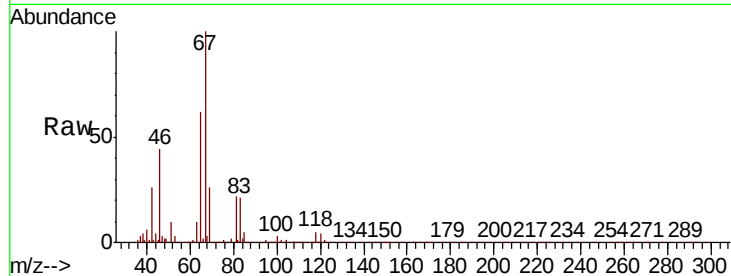
C0KQ4

Tot Ion: 63 Resp: 20367

Ion Ratio Lower Upper

63 100

112 1.5 2.9 4.3#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.28 ug/L

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: VR025720.D

Acq: 13 Sep 2018 18:45

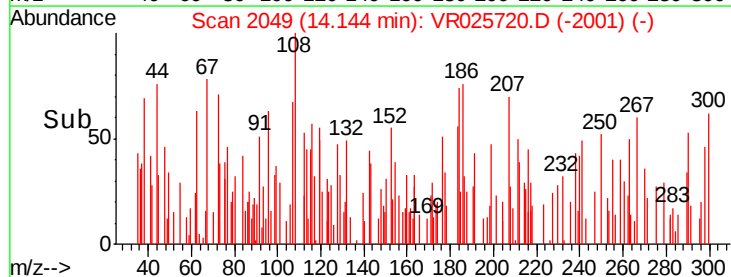
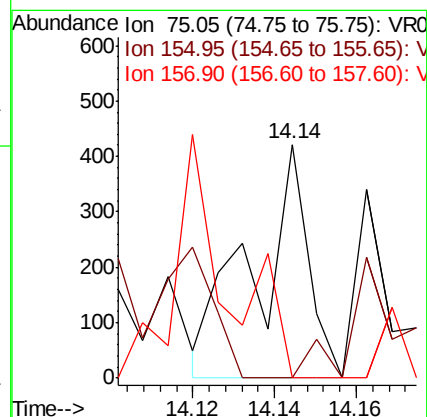
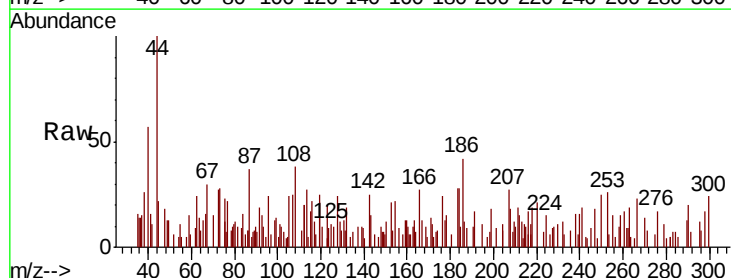
Tgt Ion: 75 Resp: 387

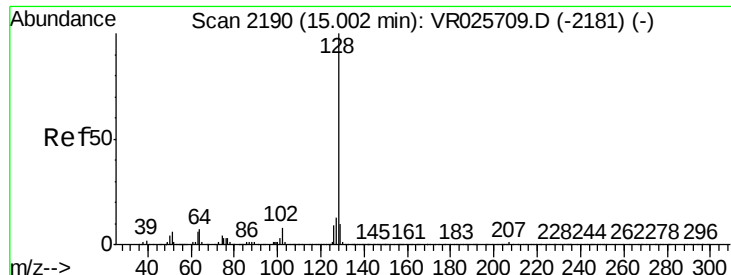
Ion Ratio Lower Upper

75 100

155 0.0 79.3 118.9#

157 0.0 81.4 122.2#





#69

Naphthalene

Concen: 0.34 ug/L

RT: 15.00 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VR025720.D

Acq: 13 Sep 2018 18:45

Instrument :

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ClientSampleId :

C0KQ4

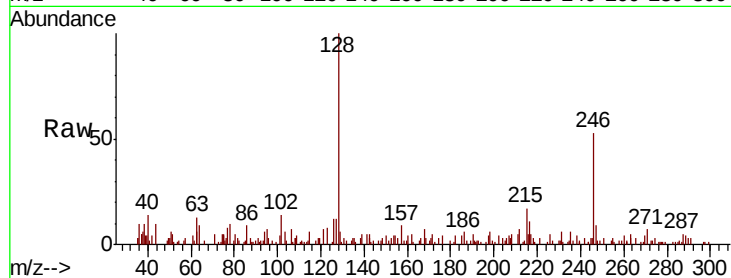
Tot Ion:128 Resp: 7340

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

129 13.9 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

