

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091318\
 Data File : VR025718.D
 Acq On : 13 Sep 2018 17:28
 Operator : SY/MD
 Sample : J4887-01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KQ1

Quant Time: Sep 14 06:57:56 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	645013	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	522473	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	149642	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	194652	6.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	138.80%#
7) Chloroethane-d5	2.63	69	147774	6.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.80%
11) 1,1-Dichloroethene-d2	3.63	63	337502	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	6.59	46	113346	40.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.08%
24) Chloroform-d	7.20	84	314155	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	7.90	65	107260	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	7.86	84	738167	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	8.90	67	201668	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	9.97	98	674412	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	10.24	79	40324	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	10.60	63	112727	40.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.28%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	70227	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	137607	6.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.80%#

Target Compounds

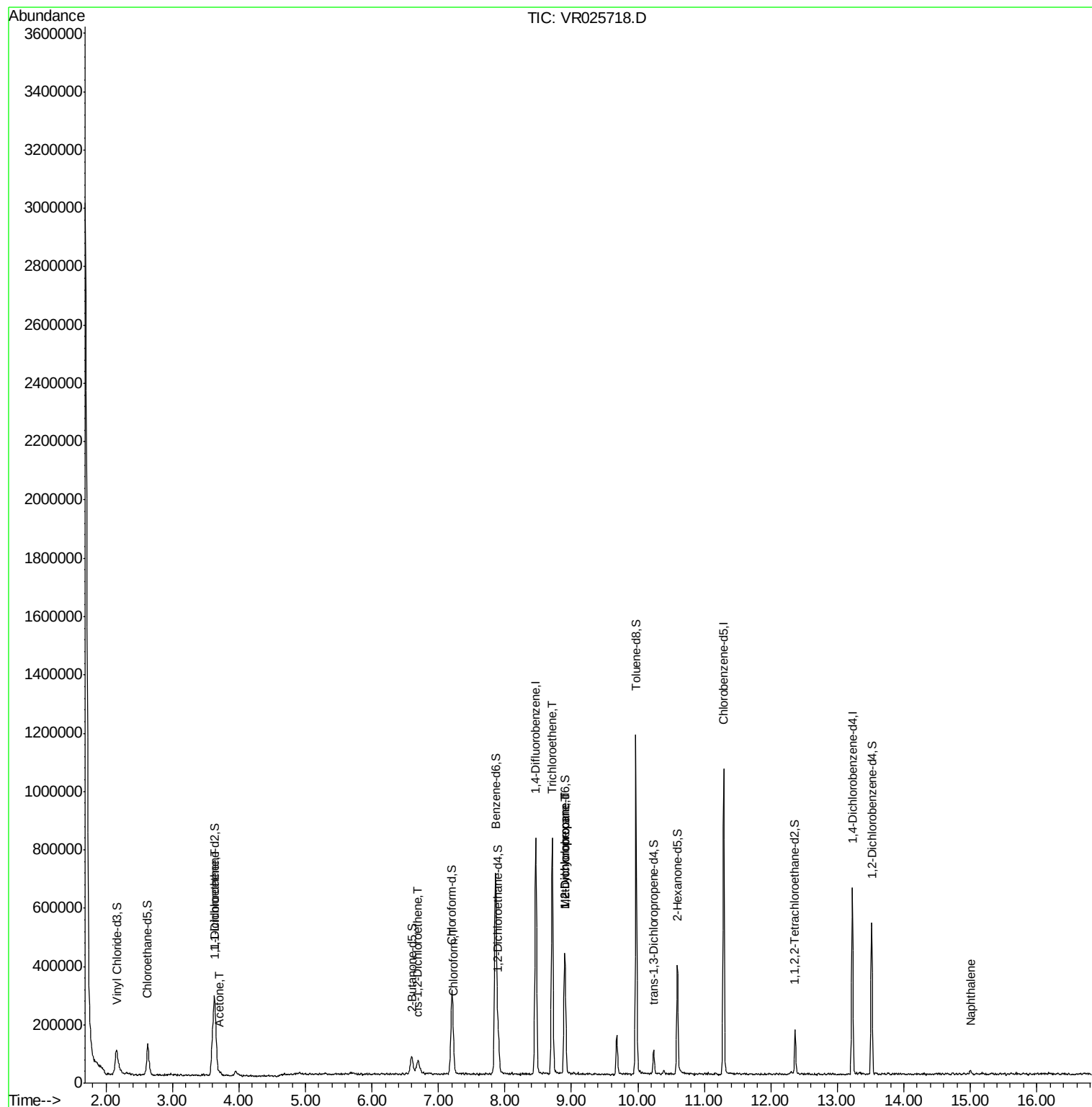
					Ovalue
12) 1,1-Dichloroethene	3.64	96	17598	0.42 ug/L #	1
13) Acetone	3.70	43	5971	3.13 ug/L	84
22) cis-1,2-Dichloroethene	6.68	96	5431	0.12 ug/L #	89
25) Chloroform	7.23	83	8548	0.12 ug/L	96
34) Trichloroethene	8.71	95	265627	5.89 ug/L	90
35) Methylcyclohexane	8.90	83	45894	0.66 ug/L #	20
37) 1,2-Dichloropropane	8.90	63	18688	0.45 ug/L #	92
69) Naphthalene	15.00	128	9308	0.49 ug/L #	92

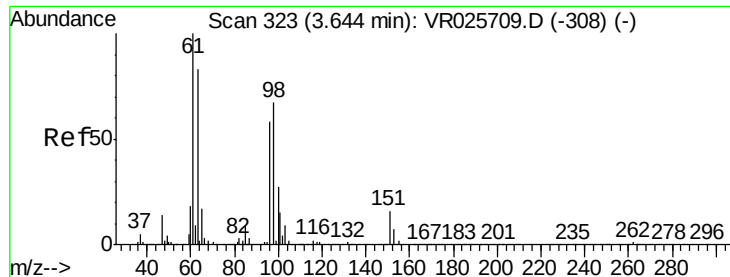
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR091318\
Data File : VR025718.D
Acq On : 13 Sep 2018 17:28
Operator : SY/MD
Sample : J4887-01
Misc : 25mL/MSVOA R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0KQ1

Quant Time: Sep 14 06:57:56 2018
Quant Method : Z:\V0ASRV\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





#12

1,1-Dichloroethene

Concen: 0.42 ug/L

RT: 3.64 min Scan# 323

Delta R.T. -0.00 min

Lab File: VR025718.D

Acq: 13 Sep 2018 17:28

Instrument :

MSVOA_R

ClientSampleId :

C0KQ1

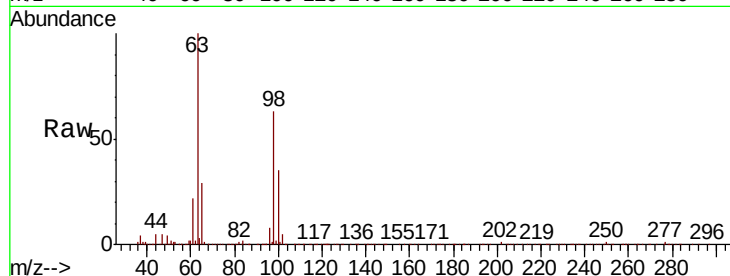
Tot Ion: 96 Resp: 17598

Ion Ratio Lower Upper

96 100

61 272.1 128.4 238.4#

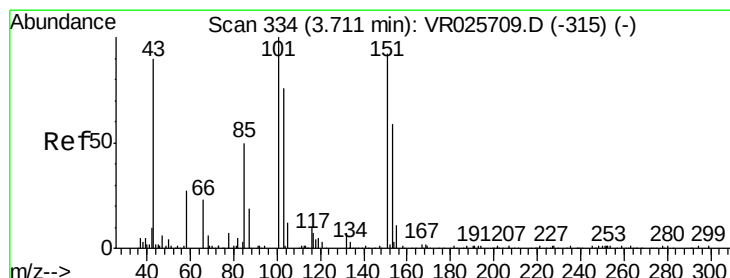
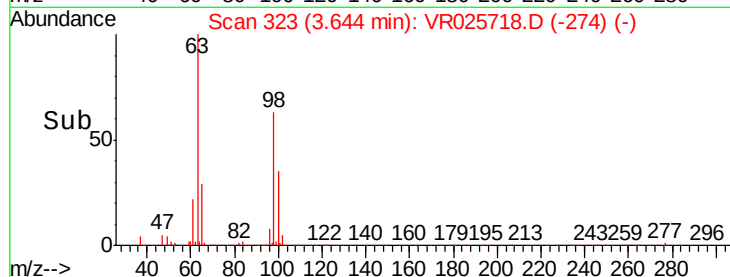
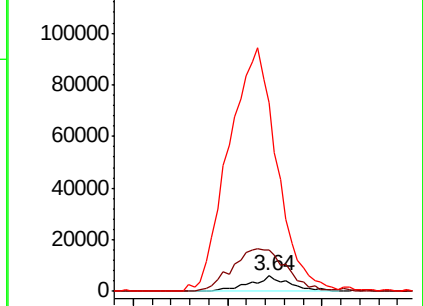
63 1238.6 101.1 187.7#



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



#13

Acetone

Concen: 3.13 ug/L

RT: 3.70 min Scan# 333

Delta R.T. -0.01 min

Lab File: VR025718.D

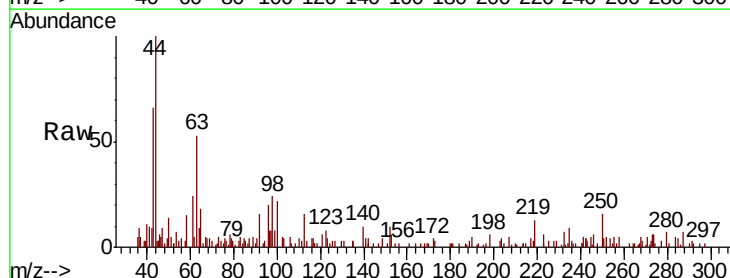
Acq: 13 Sep 2018 17:28

Tgt Ion: 43 Resp: 5971

Ion Ratio Lower Upper

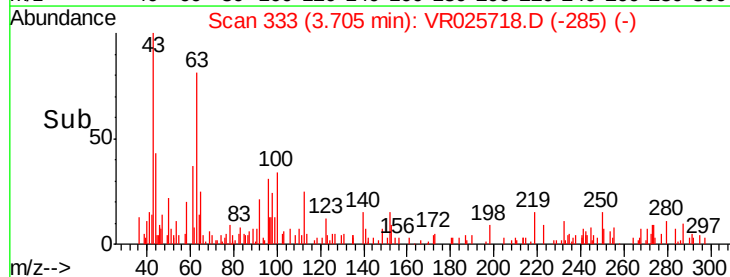
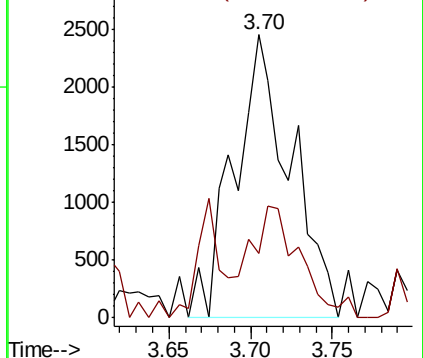
43 100

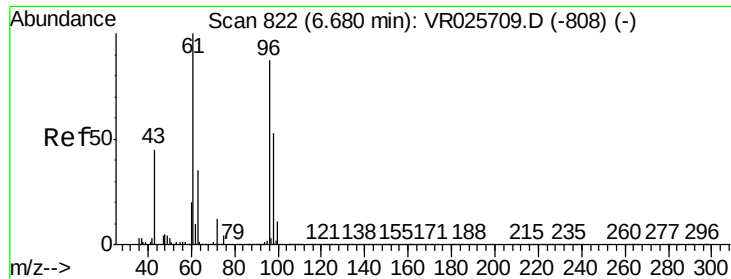
58 35.0 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0





#22

cis-1,2-Dichloroethene

Concen: 0.12 ug/L

RT: 6.68 min Scan# 822

Delta R.T. -0.00 min

Lab File: VR025718.D

Acq: 13 Sep 2018 17:28

Instrument :

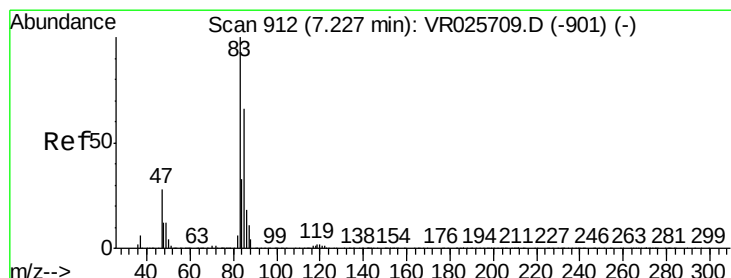
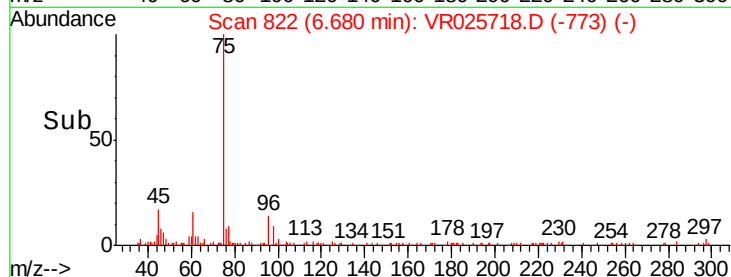
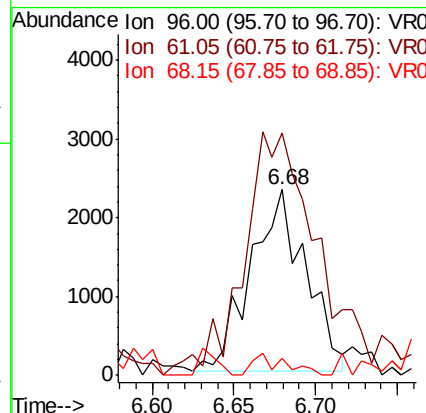
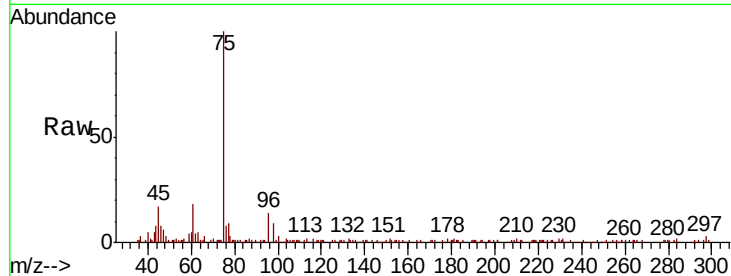
MSVOA_R

ClientSampleId :

C0KQ1

Tot Ion: 96 Resp: 5431

Ion	Ratio	Lower	Upper
96	100		
61	126.5	79.9	148.5
68	8.9	0.2	0.4



#25

Chloroform

Concen: 0.12 ug/L

RT: 7.23 min Scan# 913

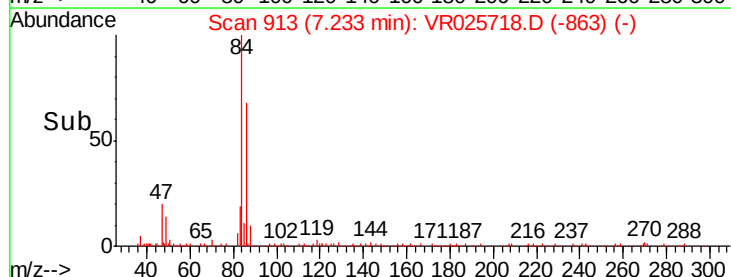
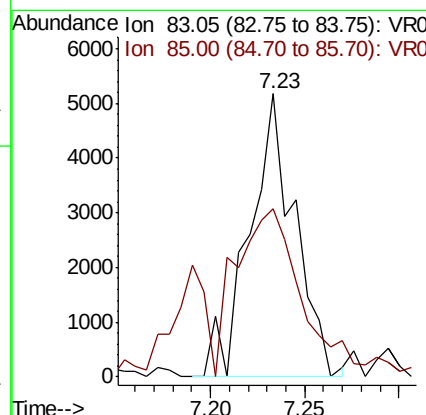
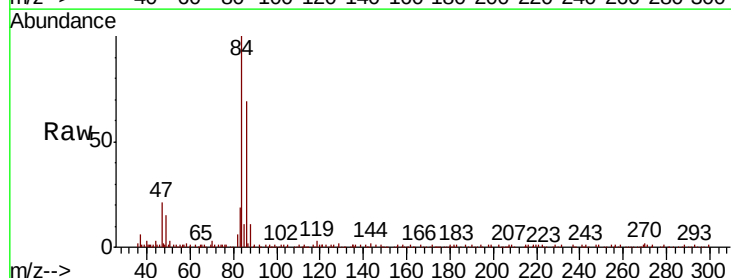
Delta R.T. 0.01 min

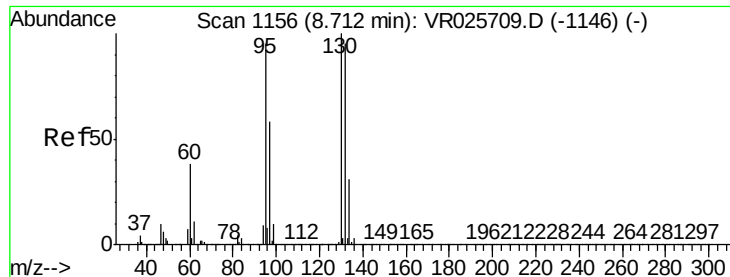
Lab File: VR025718.D

Acq: 13 Sep 2018 17:28

Tgt Ion: 83 Resp: 8548

Ion	Ratio	Lower	Upper
83	100		
85	59.3	43.8	81.4





#34

Trichloroethene

Concen: 5.89 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR025718.D

Acq: 13 Sep 2018 17:28

Instrument :

MSVOA_R

ClientSampleId :

C0KQ1

Tot Ion: 95 Resp: 265627

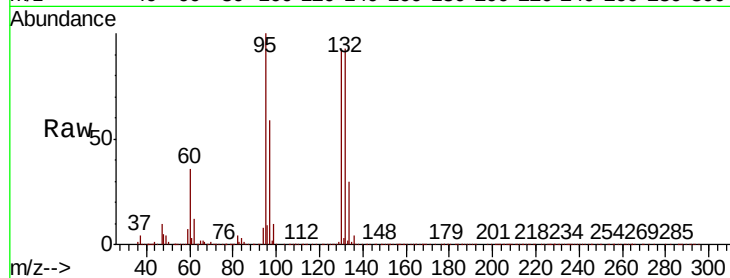
Ion Ratio Lower Upper

95 100

97 59.4 45.5 84.5

132 93.3 71.0 131.9

130 92.3 74.5 138.3



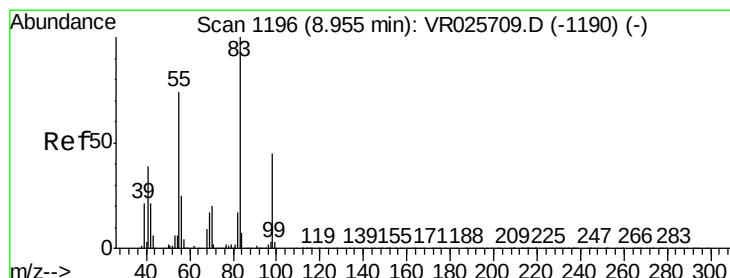
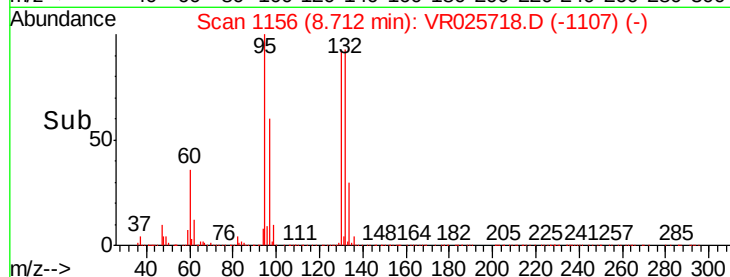
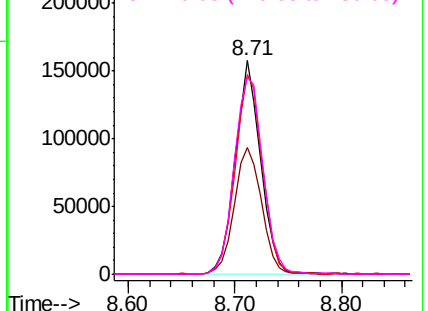
Abundance

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: 0.66 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025718.D

Acq: 13 Sep 2018 17:28

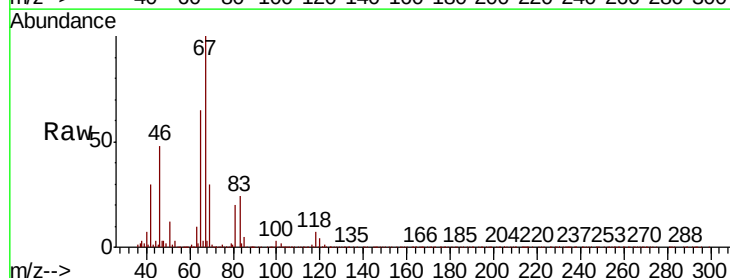
Tgt Ion: 83 Resp: 45894

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

98 1.3 36.9 55.3#

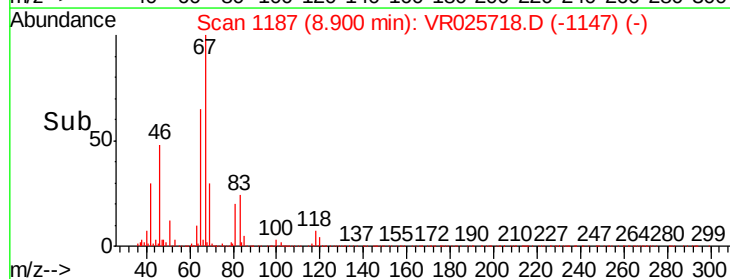
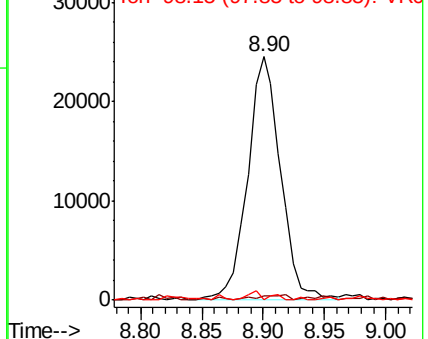


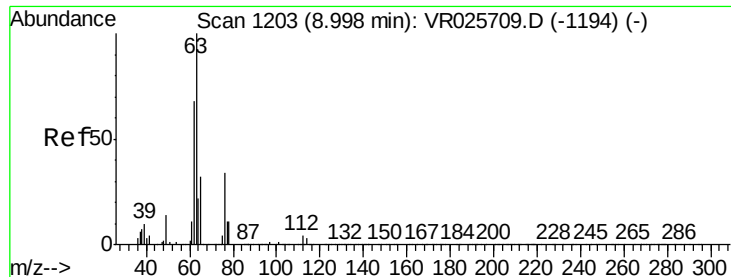
Abundance

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

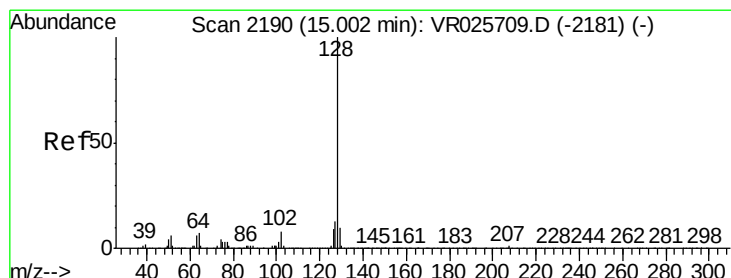
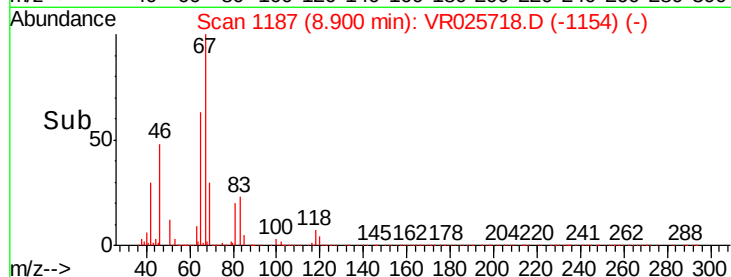
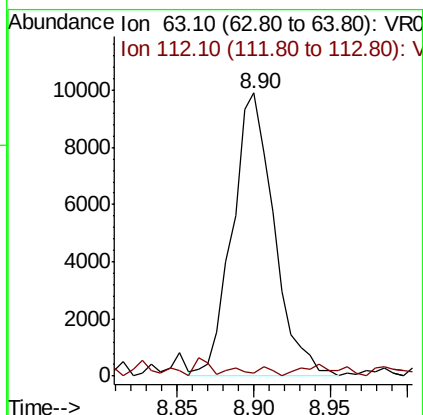
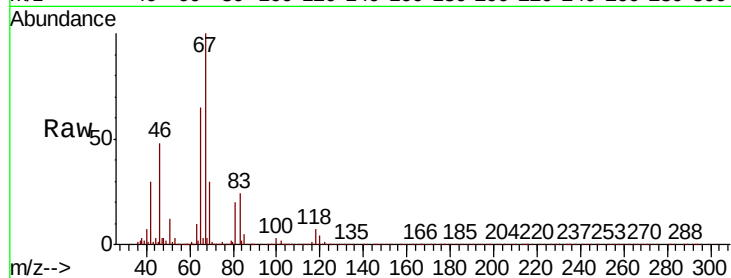




#37
 1,2-Dichloropropane
 Concen: 0.45 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR025718.D
 Acq: 13 Sep 2018 17:28

Instrument :
 MSVOA_R
 ClientSampled :
 C0KQ1

Tot Ion: 63 Resp: 18688
 Ion Ratio Lower Upper
 63 100
 112 1.0 2.9 4.3#



#69
 Naphthalene
 Concen: 0.49 ug/L
 RT: 15.00 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: VR025718.D
 Acq: 13 Sep 2018 17:28

Tgt Ion: 128 Resp: 9308
 Ion Ratio Lower Upper
 128 100
 127 18.3 10.3 15.5#
 129 11.7 9.0 13.6

