

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091318\
 Data File : VR025712.D
 Acq On : 13 Sep 2018 13:28
 Operator : SY/MD
 Sample : J4863-15
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KQ0

Quant Time: Sep 14 06:57:10 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	545880	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	473305	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	140698	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	117558	4.95	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	2.63	69	103828	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	3.63	63	215470	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	6.60	46	116918	48.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.60%
24) Chloroform-d	7.20	84	267228	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	7.90	65	98912	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	7.86	84	611057	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	8.90	67	174755	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	9.97	98	538312	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	10.24	79	30716	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	10.59	63	130643	51.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75178	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	123124	6.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.40%#

Target Compounds

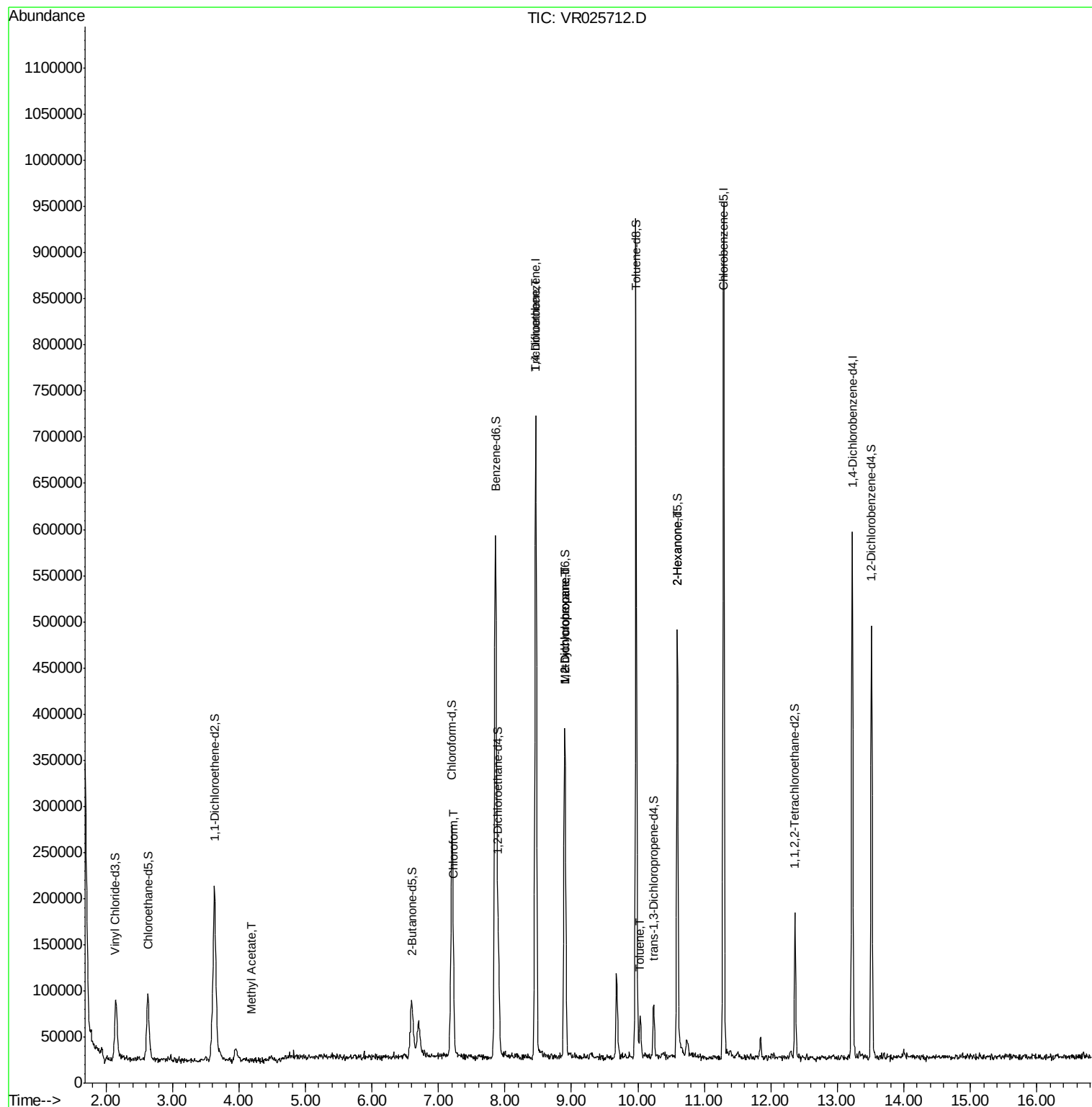
					Ovalue
15) Methyl Acetate	4.19	43	666	0.12 ug/L #	85
25) Chloroform	7.23	83	7792	0.13 ug/L	96
34) Trichloroethene	8.46	95	13724	0.34 ug/L #	3
35) Methylcyclohexane	8.90	83	37757	0.60 ug/L #	22
37) 1,2-Dichloropropane	8.90	63	18106	0.48 ug/L #	97
42) Toluene	10.04	91	27485	0.16 ug/L	93
48) 2-Hexanone	10.59	43	17590	2.67 ug/L #	73

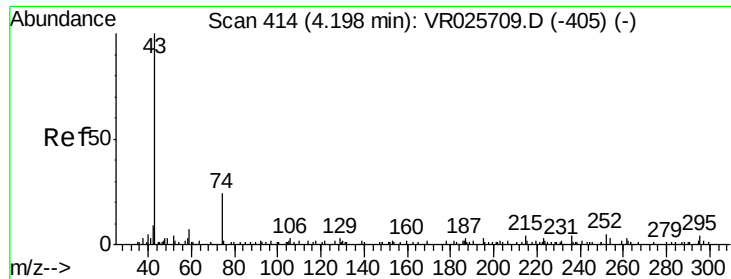
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

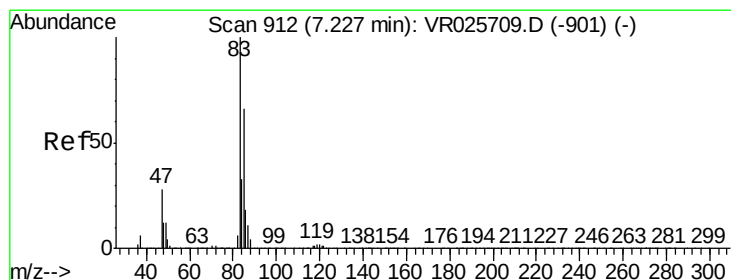
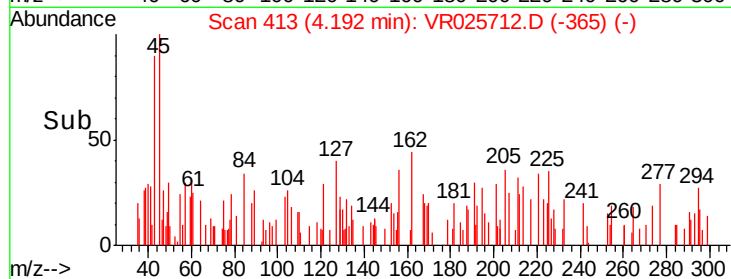
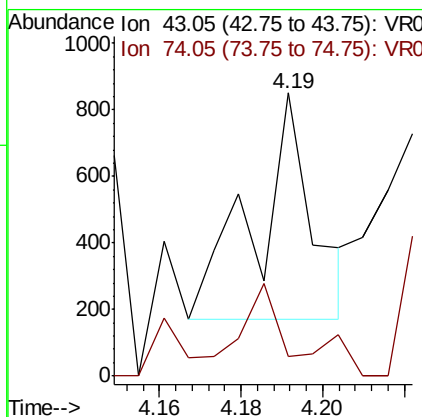
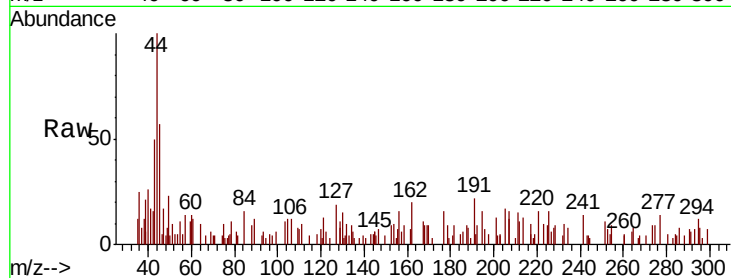




#15
Methvl Acetate
Concen: 0.12 ug/L
RT: 4.19 min Scan# 413
Delta R.T. -0.01 min
Lab File: VR025712.D
Acq: 13 Sep 2018 13:28

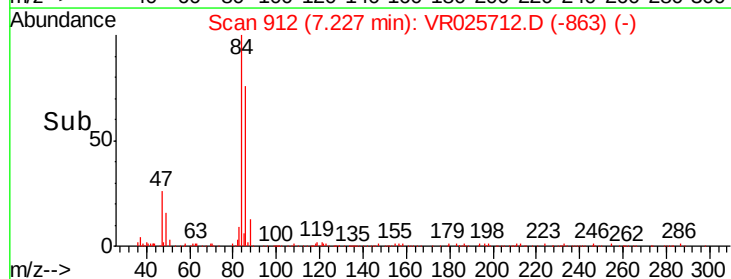
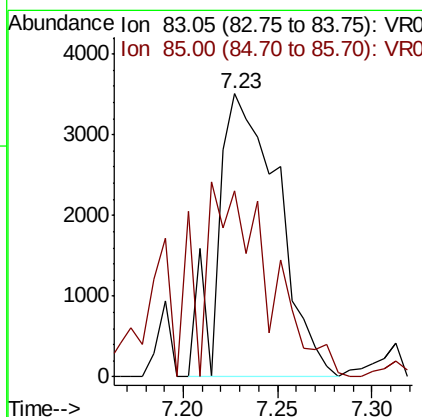
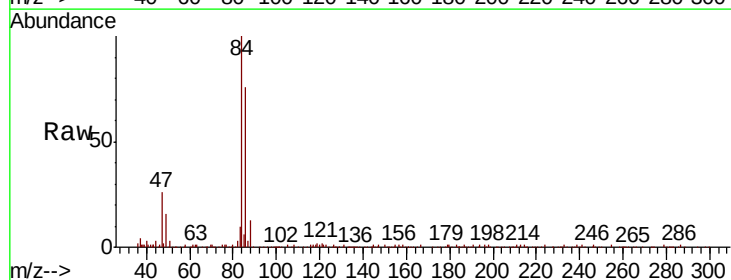
Instrument :
MSVOA_R
ClientSampled :
C0KQ0

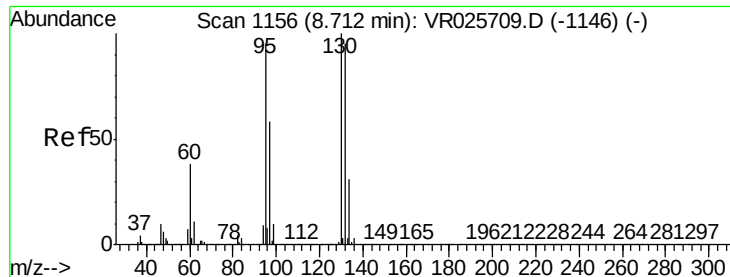
Tot Ion: 43 Resp: 666
Ion Ratio Lower Upper
43 100
74 38.3 24.2 36.4#



#25
Chloroform
Concen: 0.13 ug/L
RT: 7.23 min Scan# 912
Delta R.T. 0.00 min
Lab File: VR025712.D
Acq: 13 Sep 2018 13:28

Tgt Ion: 83 Resp: 7792
Ion Ratio Lower Upper
83 100
85 65.9 43.8 81.4





#34

Trichloroethene

Concen: 0.34 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.26 min

Lab File: VR025712.D

Acq: 13 Sep 2018 13:28

Instrument :

MSVOA_R

ClientSampleId :

C0KQ0

Tot Ion: 95 Resp: 13724

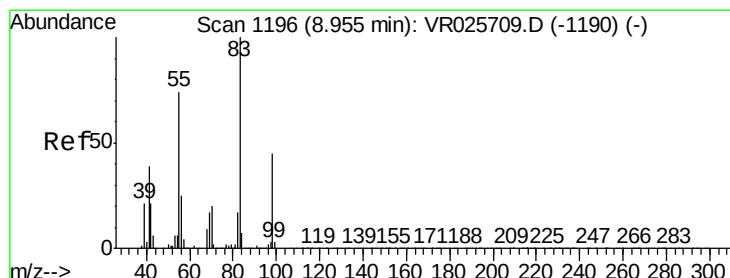
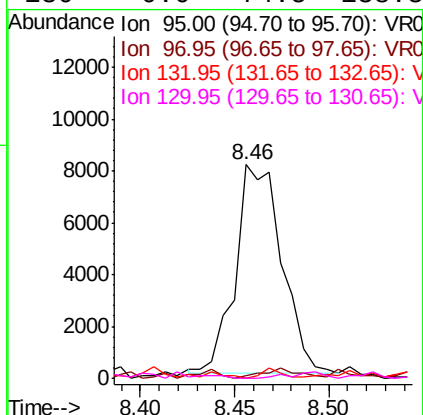
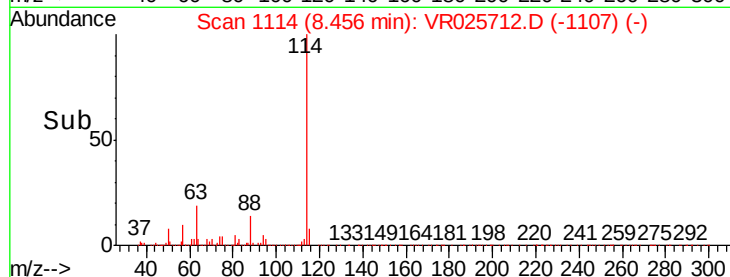
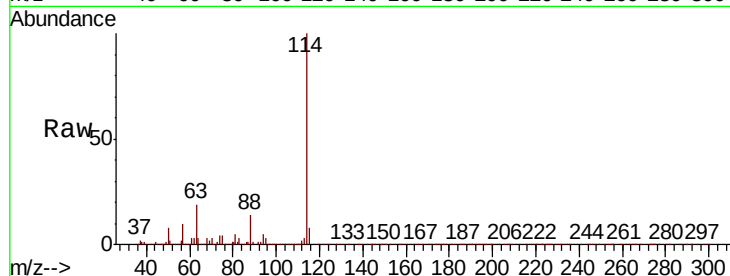
Ion Ratio Lower Upper

95 100

97 1.4 45.5 84.5#

132 0.0 71.0 131.9#

130 0.0 74.5 138.3#



#35

Methylcyclohexane

Concen: 0.60 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025712.D

Acq: 13 Sep 2018 13:28

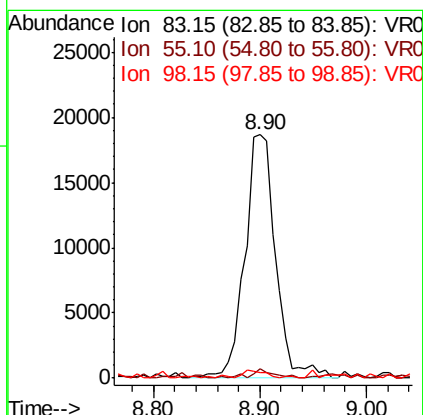
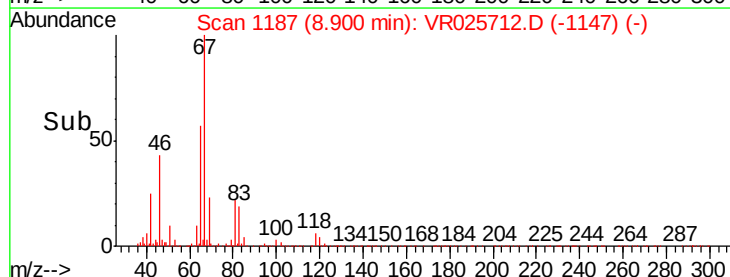
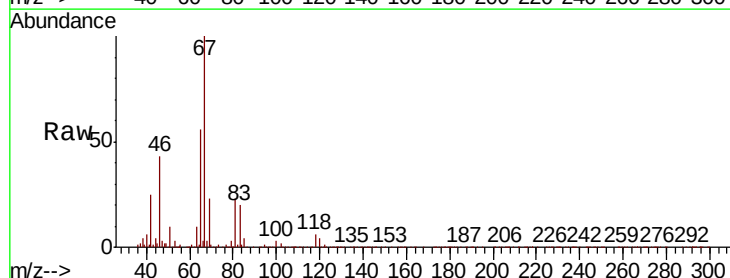
Tgt Ion: 83 Resp: 37757

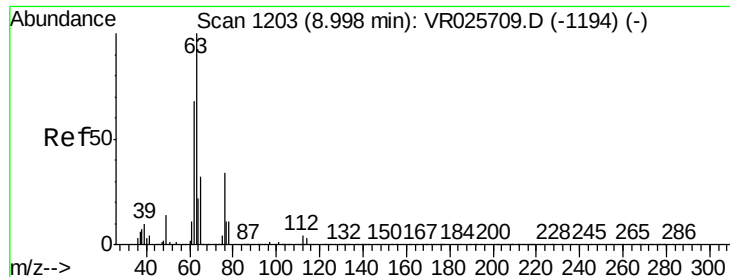
Ion Ratio Lower Upper

83 100

55 2.0 58.9 88.3#

98 2.3 36.9 55.3#





#37

1,2-Dichloropropane

Concen: 0.48 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR025712.D

Acq: 13 Sep 2018 13:28

Instrument :

MSVOA_R

ClientSampled :

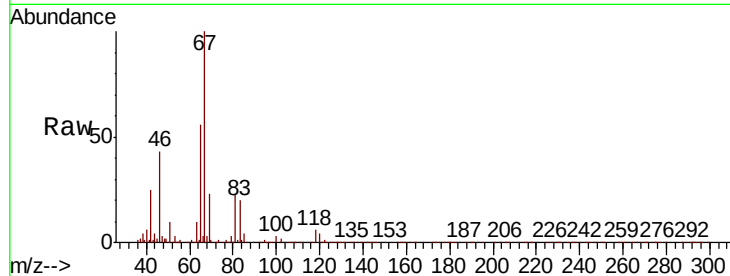
C0KQ0

Tot Ion: 63 Resp: 18106

Ion Ratio Lower Upper

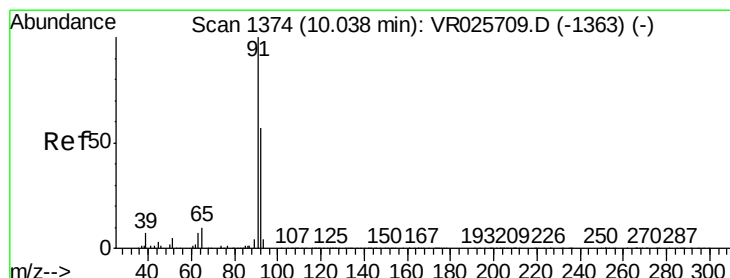
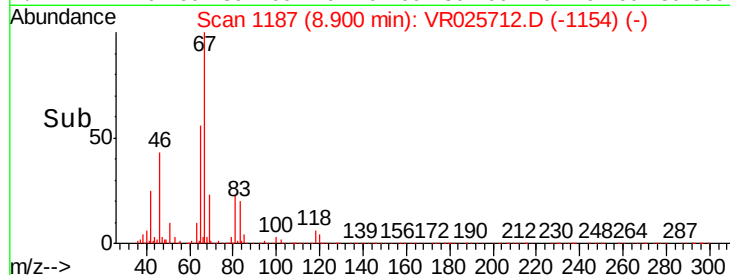
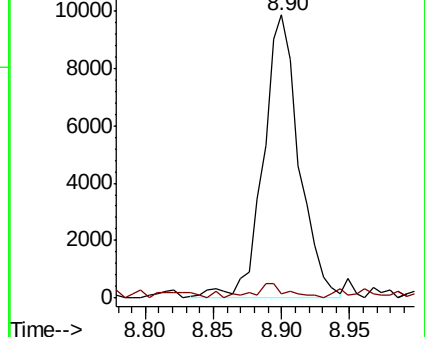
63 100

112 4.7 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V



#42

Toluene

Concen: 0.16 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. 0.00 min

Lab File: VR025712.D

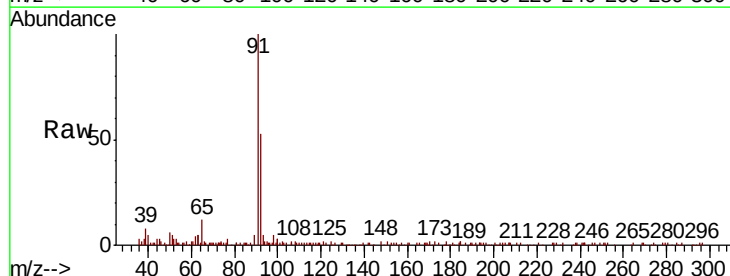
Acq: 13 Sep 2018 13:28

Tgt Ion: 91 Resp: 27485

Ion Ratio Lower Upper

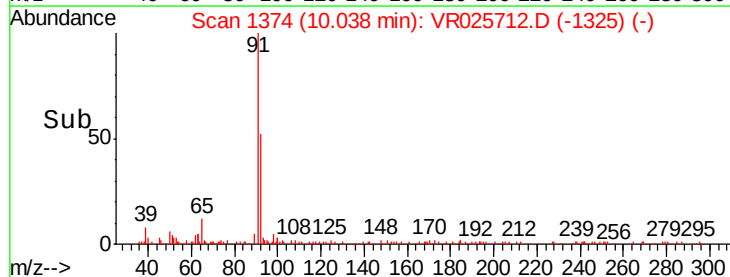
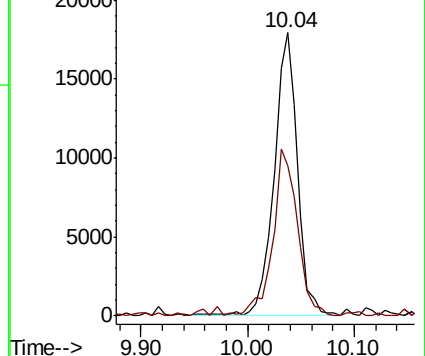
91 100

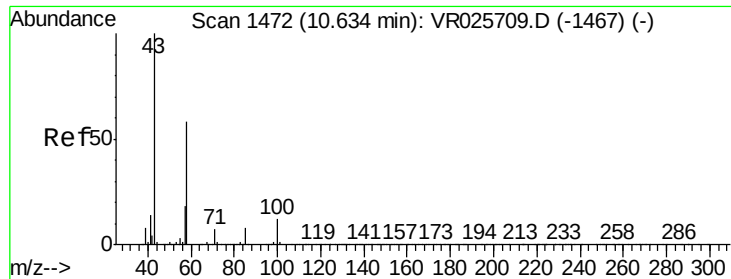
92 53.0 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0





#48

2-Hexanone

Concen: 2.67 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025712.D

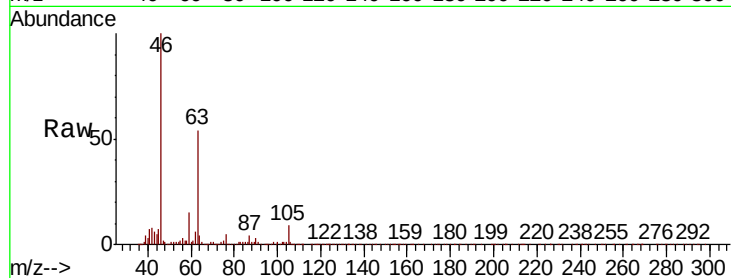
Acq: 13 Sep 2018 13:28

Instrument :

MSVOA_R

ClientSampleId :

C0KQ0



Tot Ion:	43	Resp:	17590
Ion	Ratio	Lower	Upper
43	100		
58	38.8	45.8	68.8#
57	40.1	14.2	21.2#
100	10.2	8.6	13.0

