

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091218\
 Data File : VR025702.D
 Acq On : 12 Sep 2018 19:31
 Operator : SY/MD
 Sample : J4863-08
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KN1

Quant Time: Sep 13 04:09:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 03:48:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	556077	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	489401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	145178	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	111183	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	2.63	69	104689	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	3.63	63	244901	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	6.59	46	139174	57.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.04%
24) Chloroform-d	7.20	84	284233	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	7.90	65	107674	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
32) Benzene-d6	7.86	84	649640	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	8.90	67	184468	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	9.97	98	606922	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	10.24	79	37021	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	10.59	63	165037	62.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.46%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83479	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	141443	6.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	137.40%#

Target Compounds

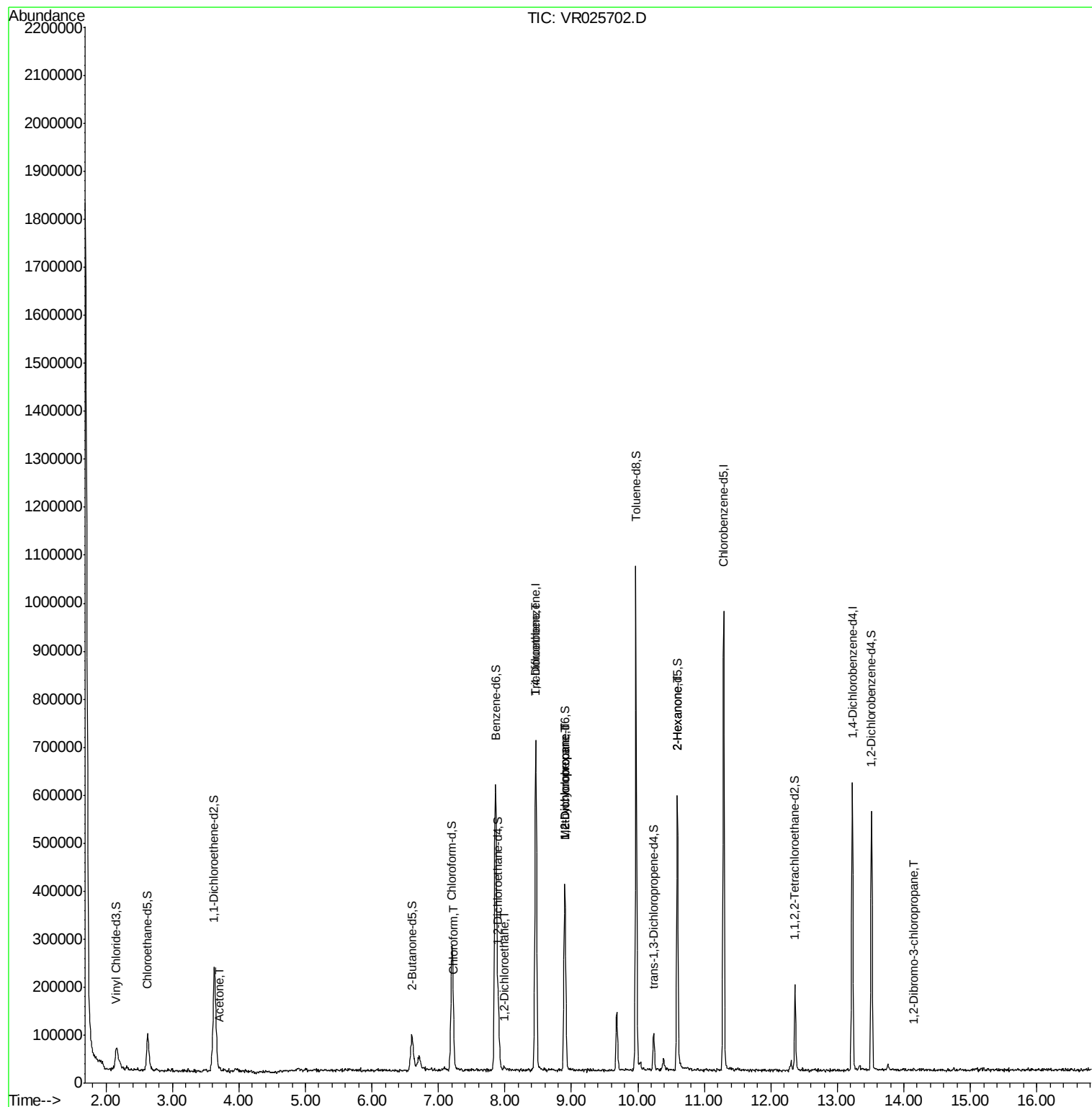
					Ovalue
13) Acetone	3.70	43	4918	2.99 ug/L	79
25) Chloroform	7.23	83	7177	0.11 ug/L	80
27) 1,2-Dichloroethane	7.99	62	4758	0.19 ug/L #	70
34) Trichloroethene	8.46	95	15537	0.37 ug/L #	5
35) Methylcyclohexane	8.89	83	42141	0.65 ug/L #	21
37) 1,2-Dichloropropane	8.91	63	17135	0.44 ug/L #	92
48) 2-Hexanone	10.60	43	21509	3.16 ug/L #	68
66) 1,2-Dibromo-3-chloropropan	14.16	75	245	0.21 ug/L #	17

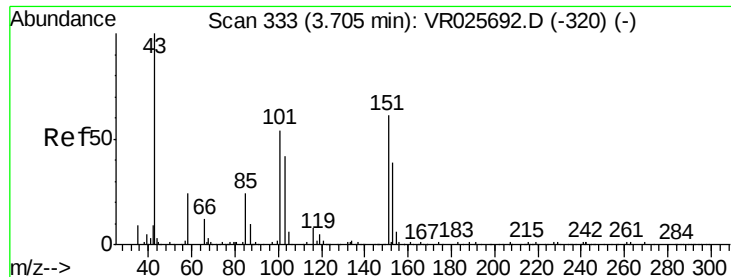
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 13 03:48:20 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.99 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.00 min

Lab File: VR025702.D

Acq: 12 Sep 2018 19:31

Instrument :

MSVOA_R

ClientSampled :

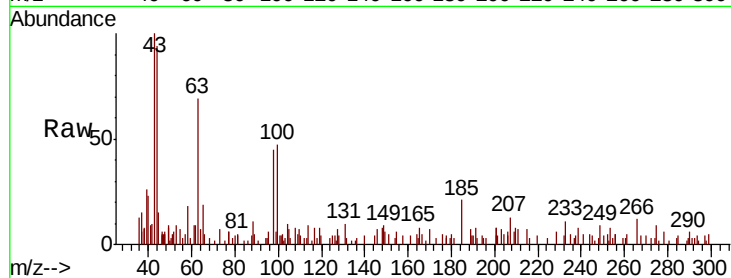
C0KN1

Tot Ion: 43 Resp: 4918

Ion Ratio Lower Upper

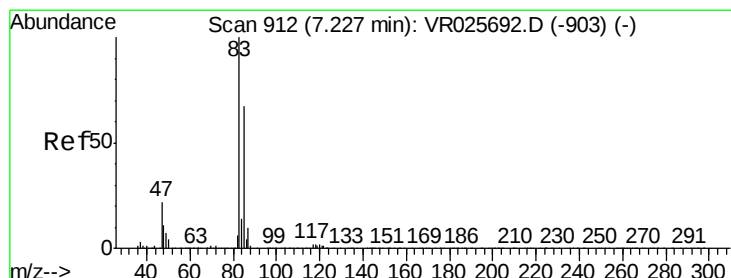
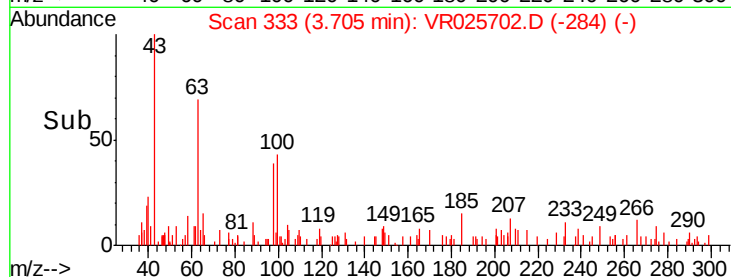
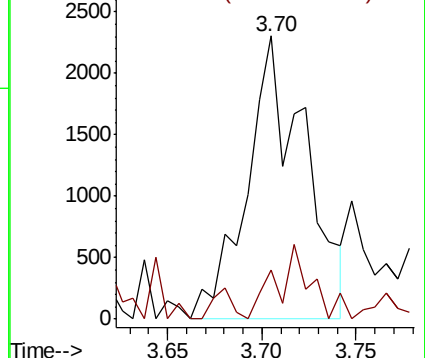
43 100

58 15.9 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#25

Chloroform

Concen: 0.11 ug/L

RT: 7.23 min Scan# 913

Delta R.T. 0.01 min

Lab File: VR025702.D

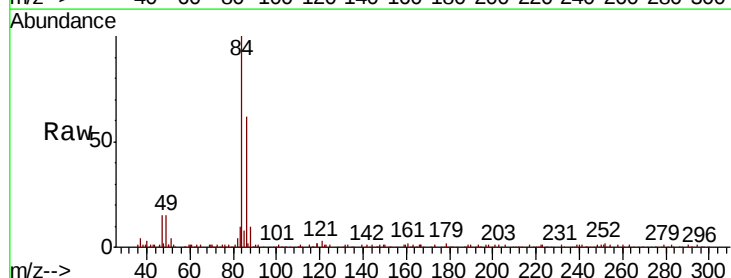
Acq: 12 Sep 2018 19:31

Tgt Ion: 83 Resp: 7177

Ion Ratio Lower Upper

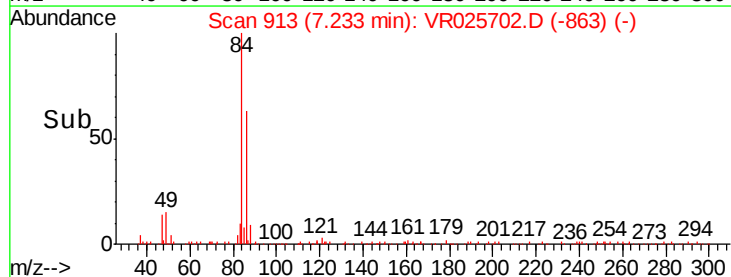
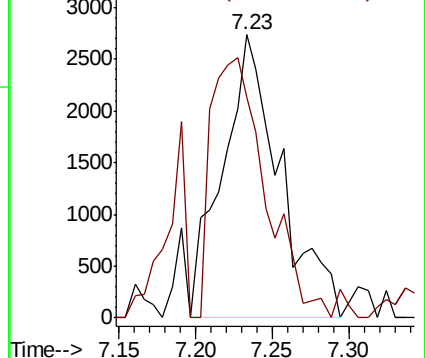
83 100

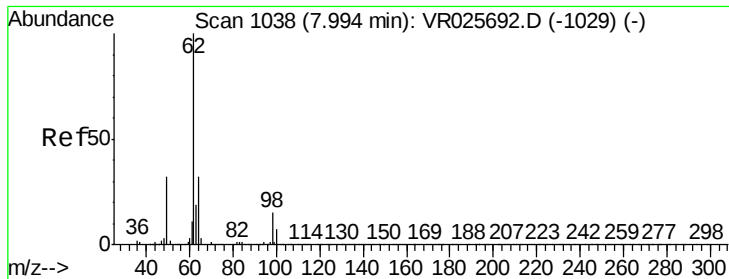
85 78.1 43.8 81.4



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0





#27

1,2-Dichloroethane

Concen: 0.19 ug/L

RT: 7.99 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VR025702.D

Acq: 12 Sep 2018 19:31

Instrument :

MSVOA_R

ClientSampled :

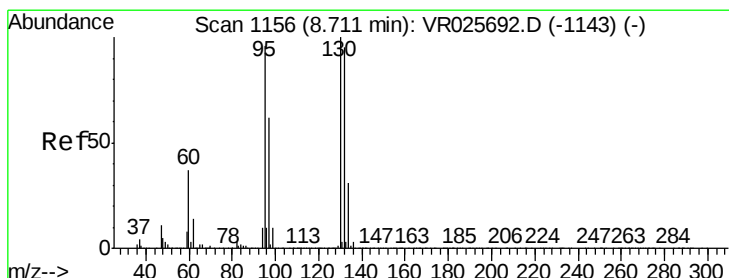
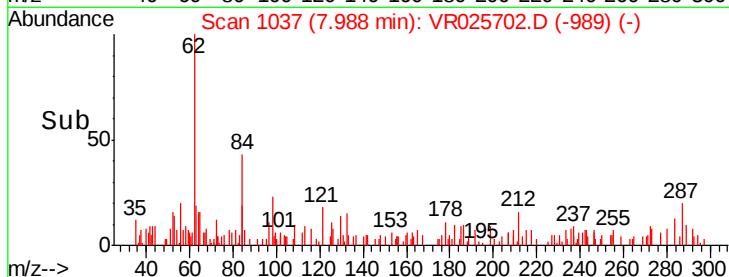
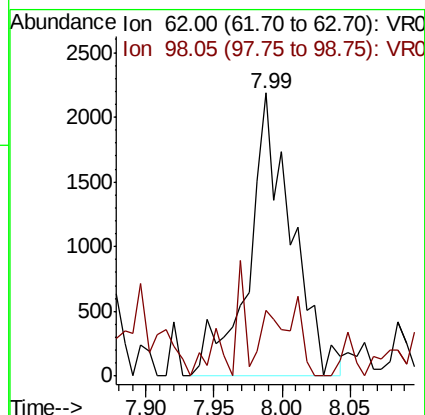
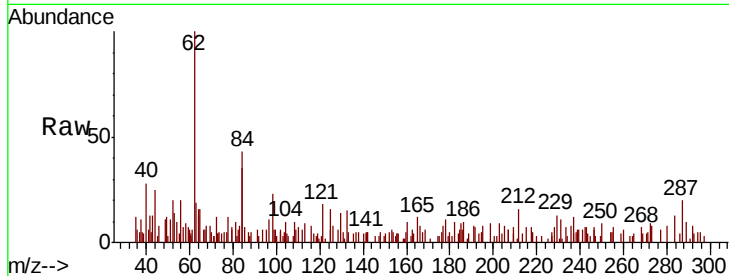
C0KN1

Tot Ion: 62 Resp: 4758

Ion Ratio Lower Upper

62 100

98 23.3 9.4 14.2#



#34

Trichloroethene

Concen: 0.37 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR025702.D

Acq: 12 Sep 2018 19:31

Tgt Ion: 95 Resp: 15537

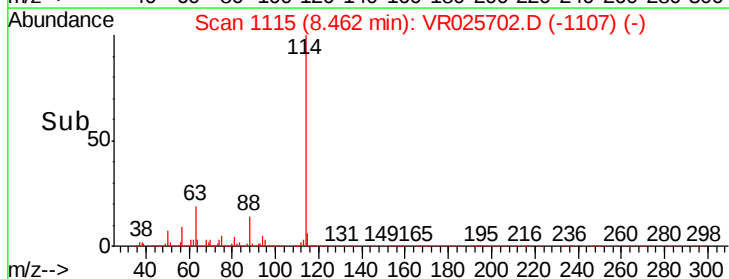
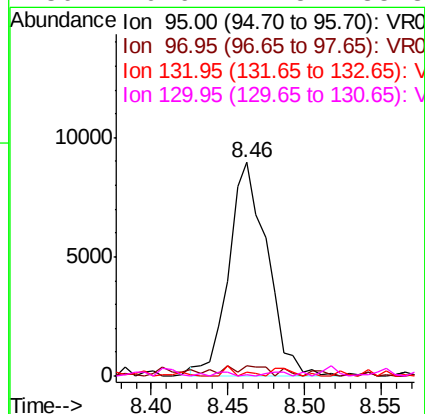
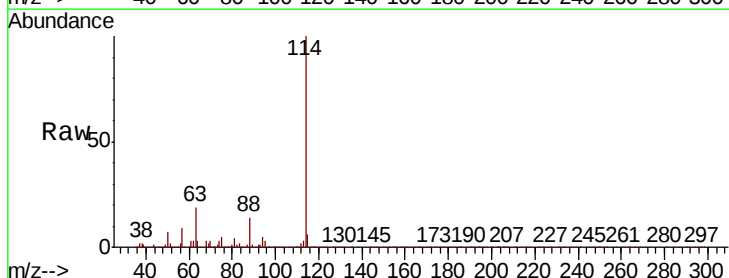
Ion Ratio Lower Upper

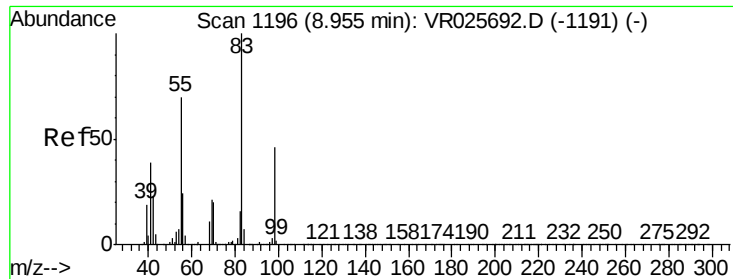
95 100

97 5.0 45.5 84.5#

132 1.6 71.0 131.9#

130 0.6 74.5 138.3#

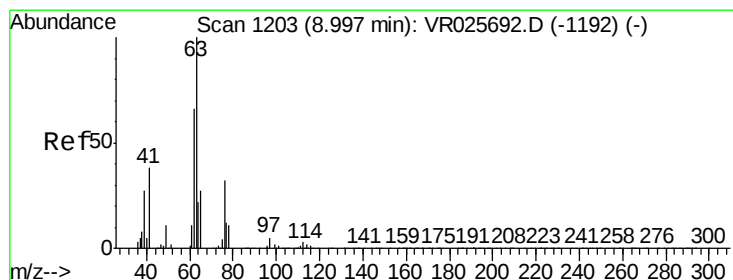
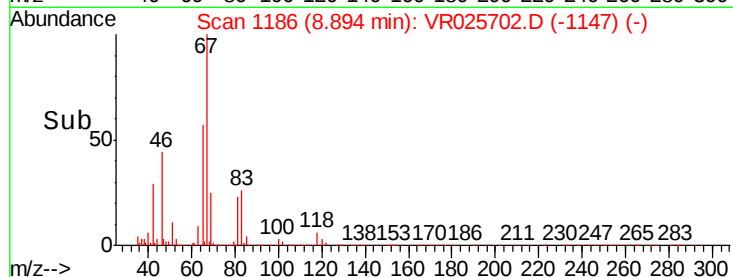
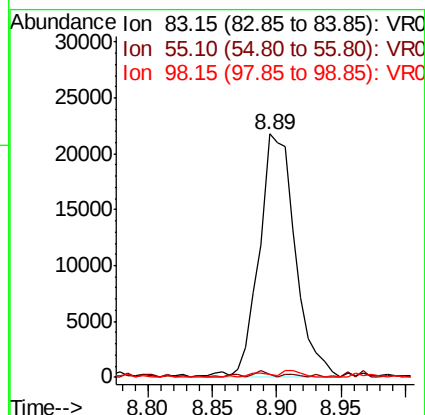
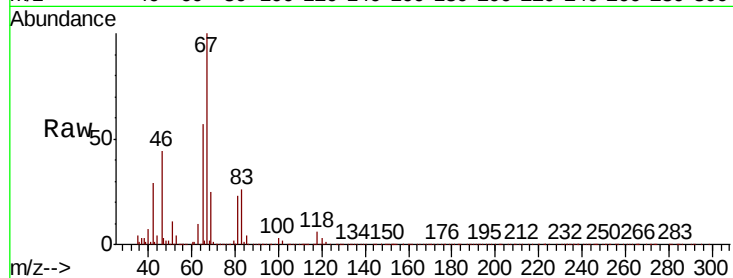




#35
Methvlcvclohexane
Concen: 0.65 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR025702.D
Acq: 12 Sep 2018 19:31

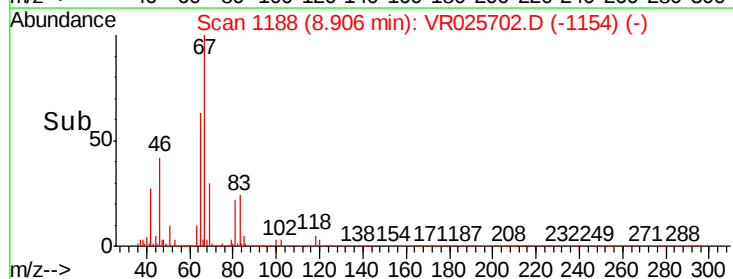
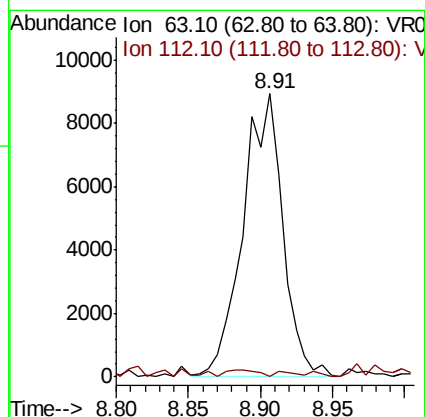
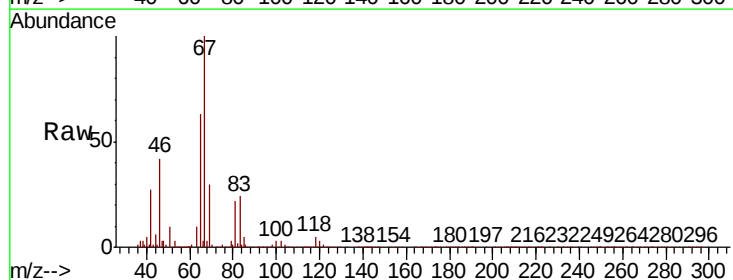
Instrument :
MSVOA_R
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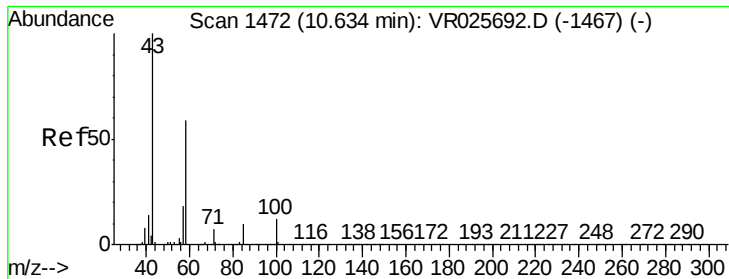
Tot Ion	Ratio	Lower	Upper
83	100		
55	1.0	58.9	88.3#
98	1.4	36.9	55.3#



#37
1,2-Dichloropropane
Concen: 0.44 ug/L
RT: 8.91 min Scan# 1188
Delta R.T. -0.09 min
Lab File: VR025702.D
Acq: 12 Sep 2018 19:31

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





#48

2-Hexanone

Concen: 3.16 ug/L

RT: 10.60 min Scan# 1466

Delta R.T. -0.04 min

Lab File: VR025702.D

Acq: 12 Sep 2018 19:31

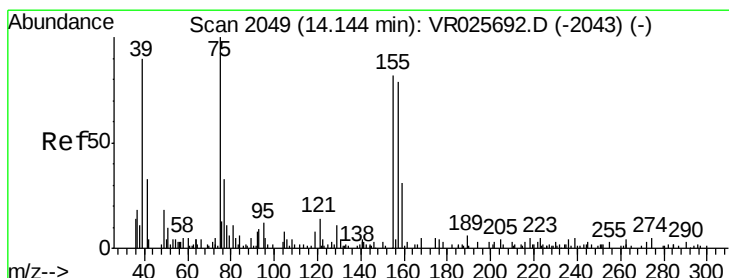
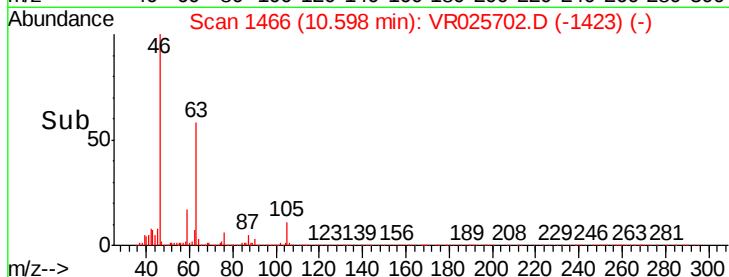
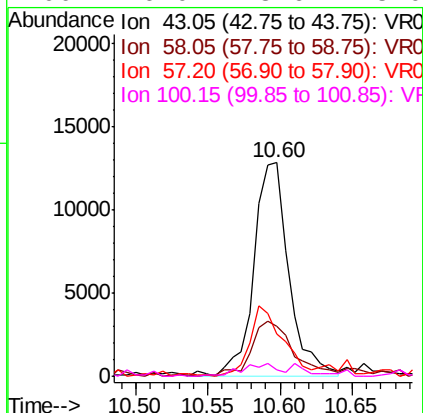
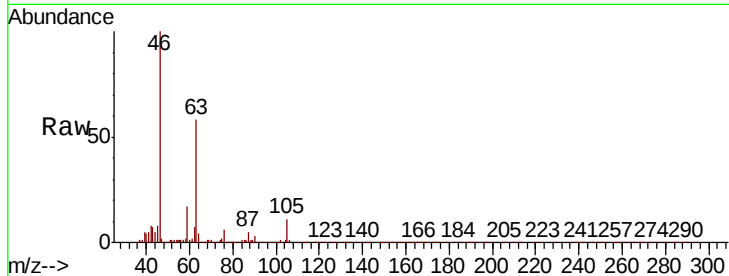
Instrument :

MSVOA_R

ClientSampleId :

C0KN1

Tot Ion:	43	Resp:	21509
Ion	Ratio	Lower	Upper
43	100		
58	30.8	45.8	68.8#
57	30.8	14.2	21.2#
100	6.0	8.6	13.0#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.21 ug/L

RT: 14.16 min Scan# 2051

Delta R.T. 0.01 min

Lab File: VR025702.D

Acq: 12 Sep 2018 19:31

Tgt Ion:	75	Resp:	245
Ion	Ratio	Lower	Upper
75	100		
155	33.9	79.3	118.9#
157	0.0	81.4	122.2#

