

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100118\
 Data File : VR025913.D
 Acq On : 1 Oct 2018 15:42
 Operator : SY/MD
 Sample : J5073-01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 02 01:47:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 01:45:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	536775	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	446131	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	154395	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	160794	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	2.63	69	148813	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	3.63	63	294536	2.96	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	6.59	46	226098	47.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.82%
24) Chloroform-d	7.20	84	293706	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
26) 1,2-Dichloroethane-d4	7.90	65	136125	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	7.85	84	589511	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	8.90	67	168045	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	9.97	98	522146	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	10.23	79	37750	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	10.59	63	169584	48.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.92%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68651	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	104521	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds

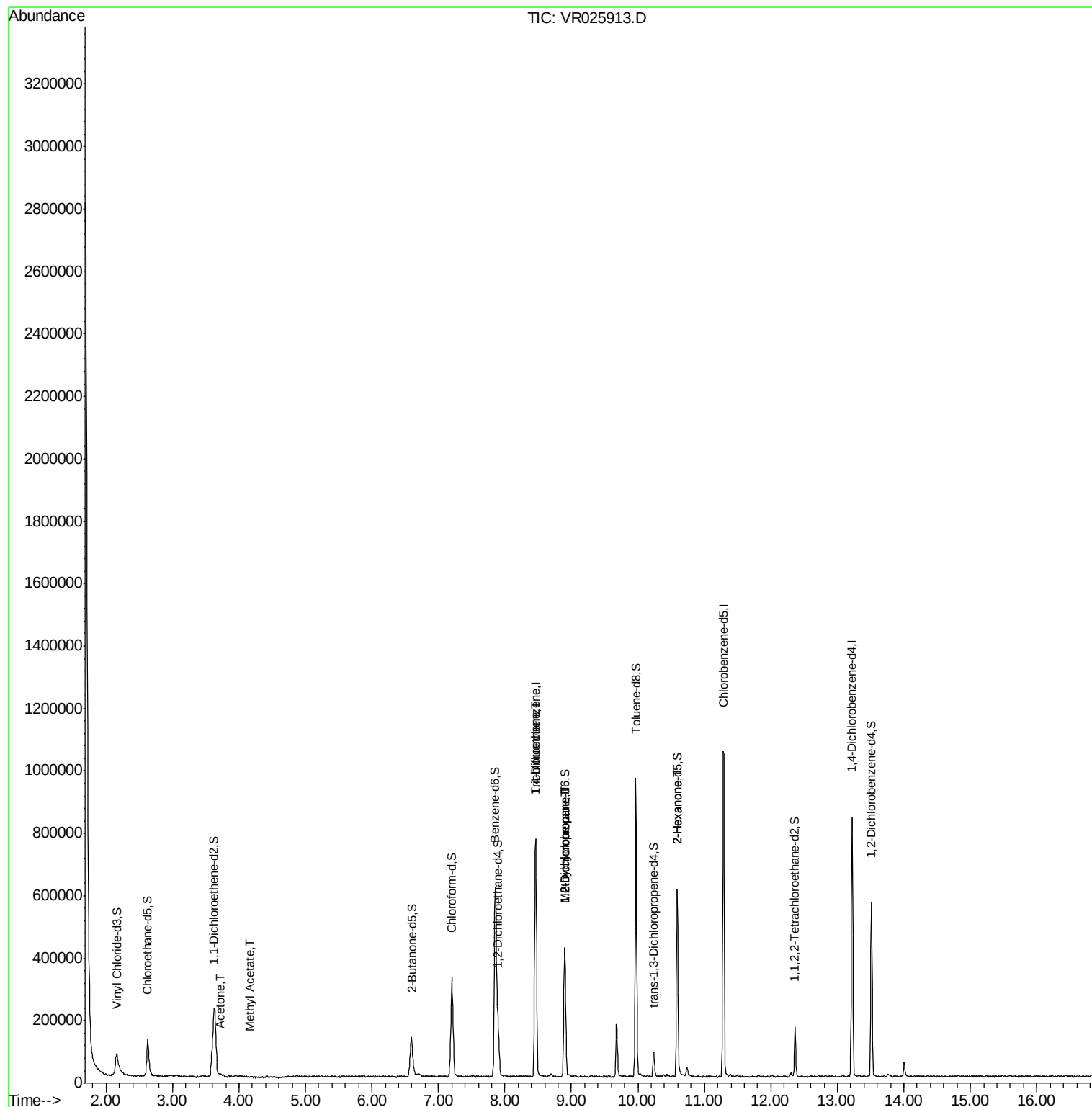
					Ovalue
13) Acetone	3.71	43	4173	1.220	ug/L 84
15) Methyl Acetate	4.17	43	845	0.089	ug/L # 76
34) Trichloroethene	8.46	95	18410	0.467	ug/L # 14
35) Methylcyclohexane	8.90	83	38282	0.646	ug/L # 15
37) 1,2-Dichloropropane	8.90	63	21524	0.670	ug/L # 94
48) 2-Hexanone	10.59	43	25178	3.407	ug/L # 71

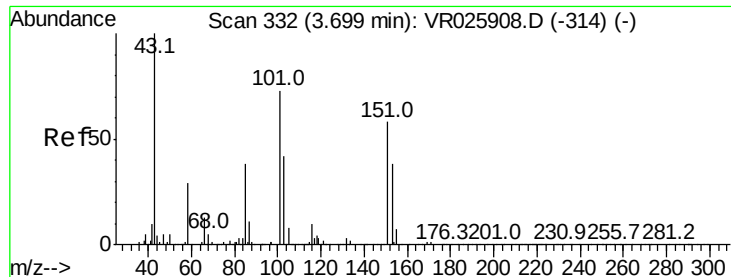
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.220 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.01 min

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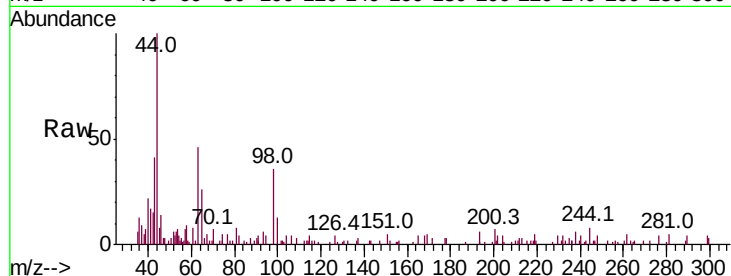
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 4173

Ion Ratio Lower Upper

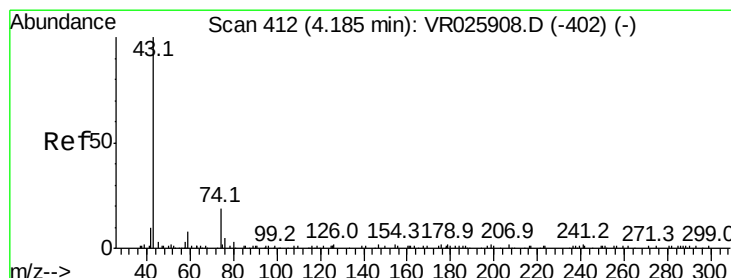
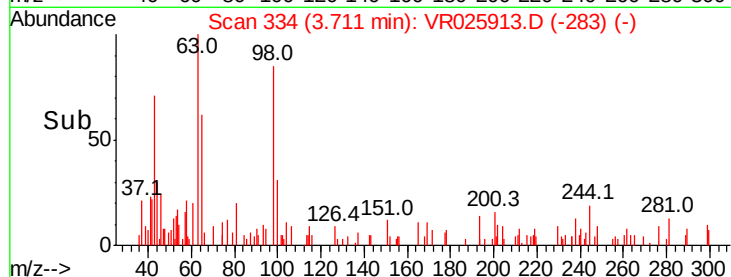
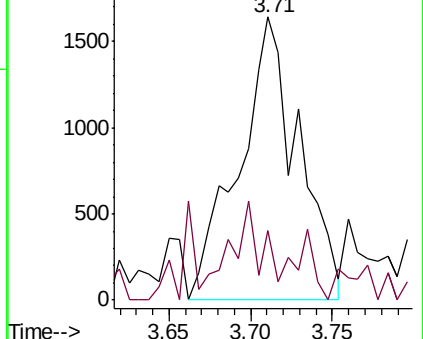
43 100

58 17.5 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 0.089 ug/L

RT: 4.17 min Scan# 409

Delta R.T. -0.02 min

Lab File: VR025913.D

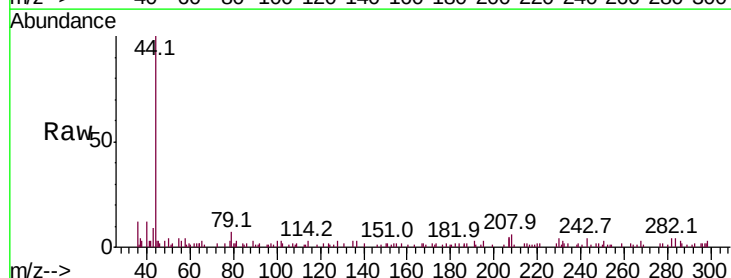
Acq: 1 Oct 2018 15:42

Tgt Ion: 43 Resp: 845

Ion Ratio Lower Upper

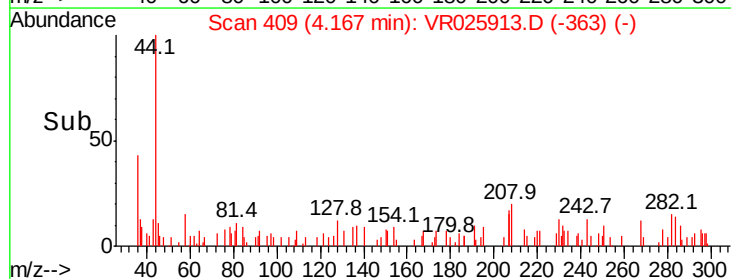
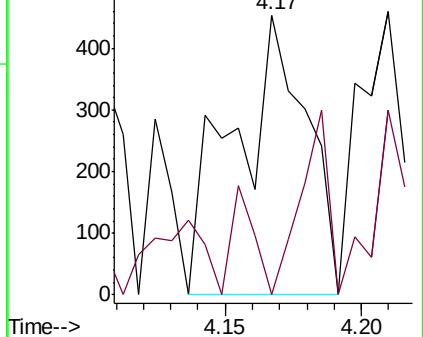
43 100

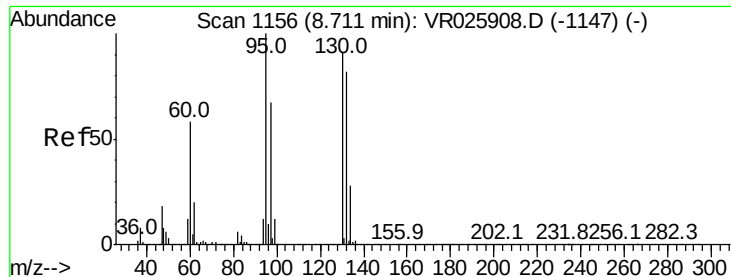
74 11.8 19.0 28.4#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0





#34

Trichloroethene

Concen: 0.467 ug/L

RT: 8.46 min Scan# 1115

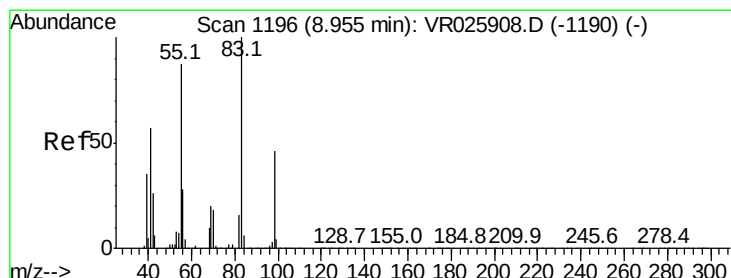
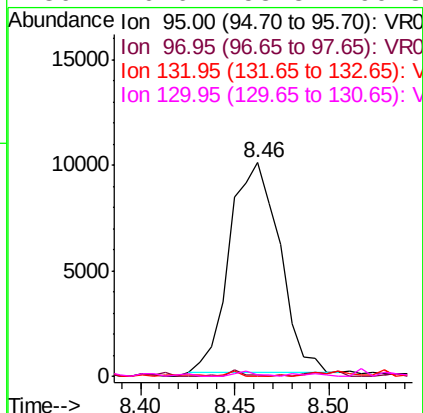
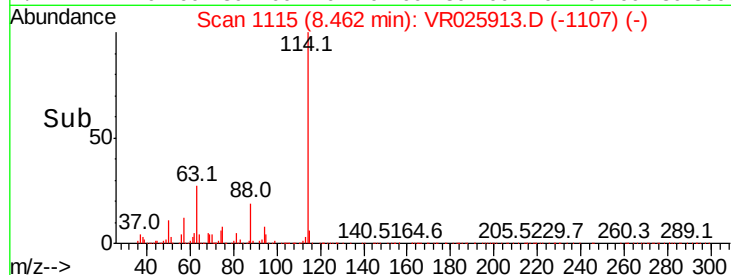
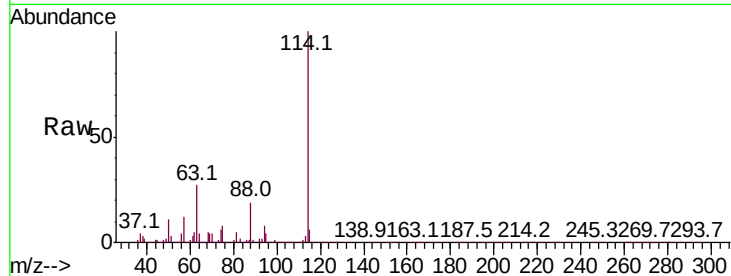
Delta R.T. -0.25 min

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Instrument :
MSVOA_R
ClientSampleId :

Tot Ion:	95	Resp:	18410
Ion	Ratio	Lower	Upper
95	100		
97	0.7	43.9	81.5#
132	0.0	53.3	98.9#
130	0.6	53.8	99.8#



#35

Methylcyclohexane

Concen: 0.646 ug/L

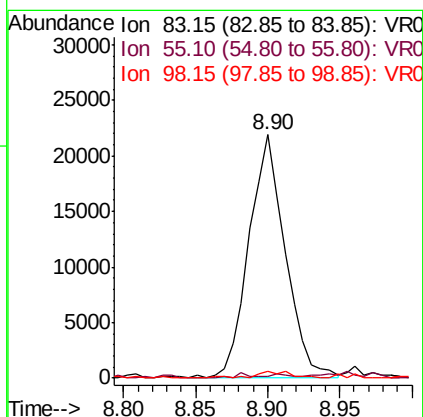
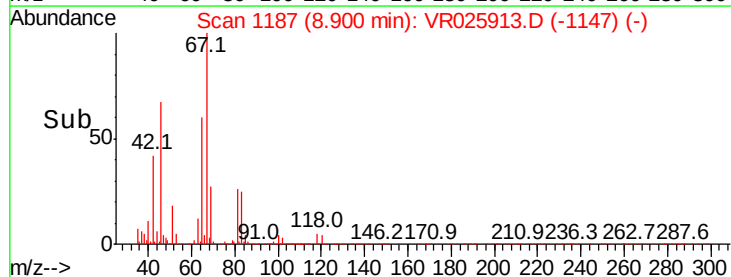
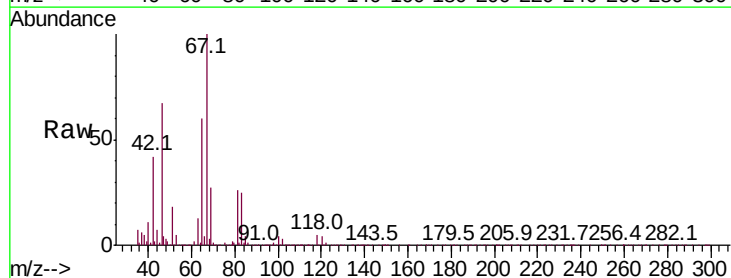
RT: 8.90 min Scan# 1187

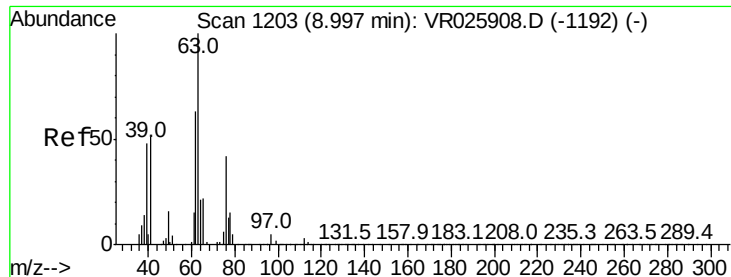
Delta R.T. -0.05 min

Lab File: VR025913.D

Acq: 1 Oct 2018 15:42

Tgt Ion:	83	Resp:	38282
Ion	Ratio	Lower	Upper
83	100		
55	0.4	71.8	107.6#
98	2.5	34.2	51.4#





#37

1,2-Dichloropropane

Concen: 0.670 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

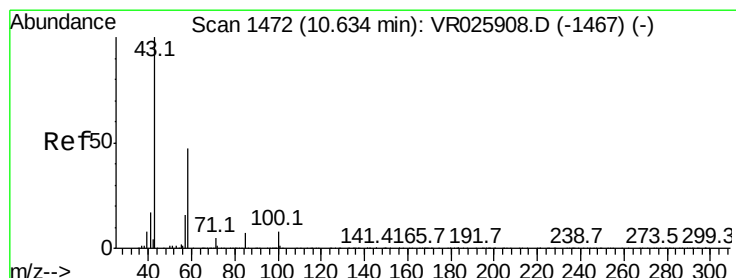
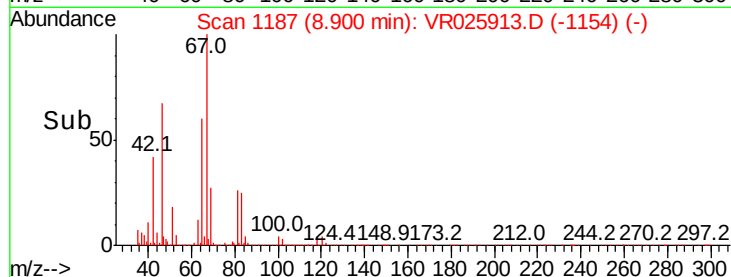
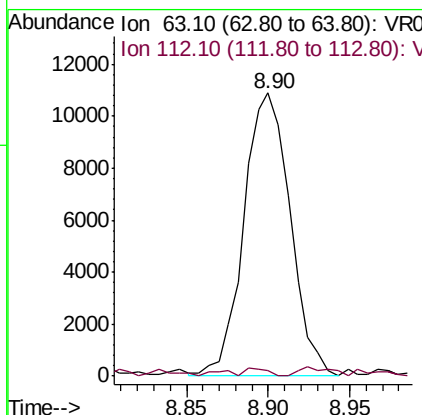
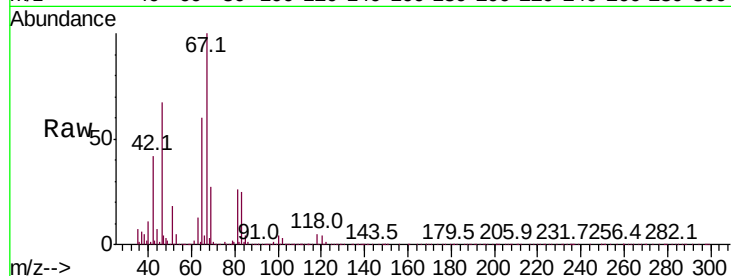
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Acq: 1 Oct 2018 15:42

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 63 Resp: 21524

Ion	Ratio	Lower	Upper
63	100		
112	1.3	2.5	3.7#



#48

2-Hexanone

Concen: 3.407 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025913.D

Acq: 1 Oct 2018 15:42

Tgt Ion: 43 Resp: 25178

Ion	Ratio	Lower	Upper
43	100		
58	25.5	39.5	59.3#
57	26.5	14.6	21.8#
100	3.0	6.7	10.1#

