

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092618\
 Data File : VR025867.D
 Acq On : 26 Sep 2018 18:10
 Operator : SY/MD
 Sample : J4989-11
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 27 07:51:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 27 07:50:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	314351	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	251054	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	84842	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	118383	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	2.63	69	97183	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	3.63	63	211048	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	6.59	46	165479	55.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.30%
24) Chloroform-d	7.20	84	211220	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	7.90	65	98937	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	7.85	84	442400	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	8.90	67	128323	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	9.97	98	396389	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	10.24	79	25126	3.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.40%
46) 2-Hexanone-d5	10.59	63	124037	52.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.60%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	50971	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	68674	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

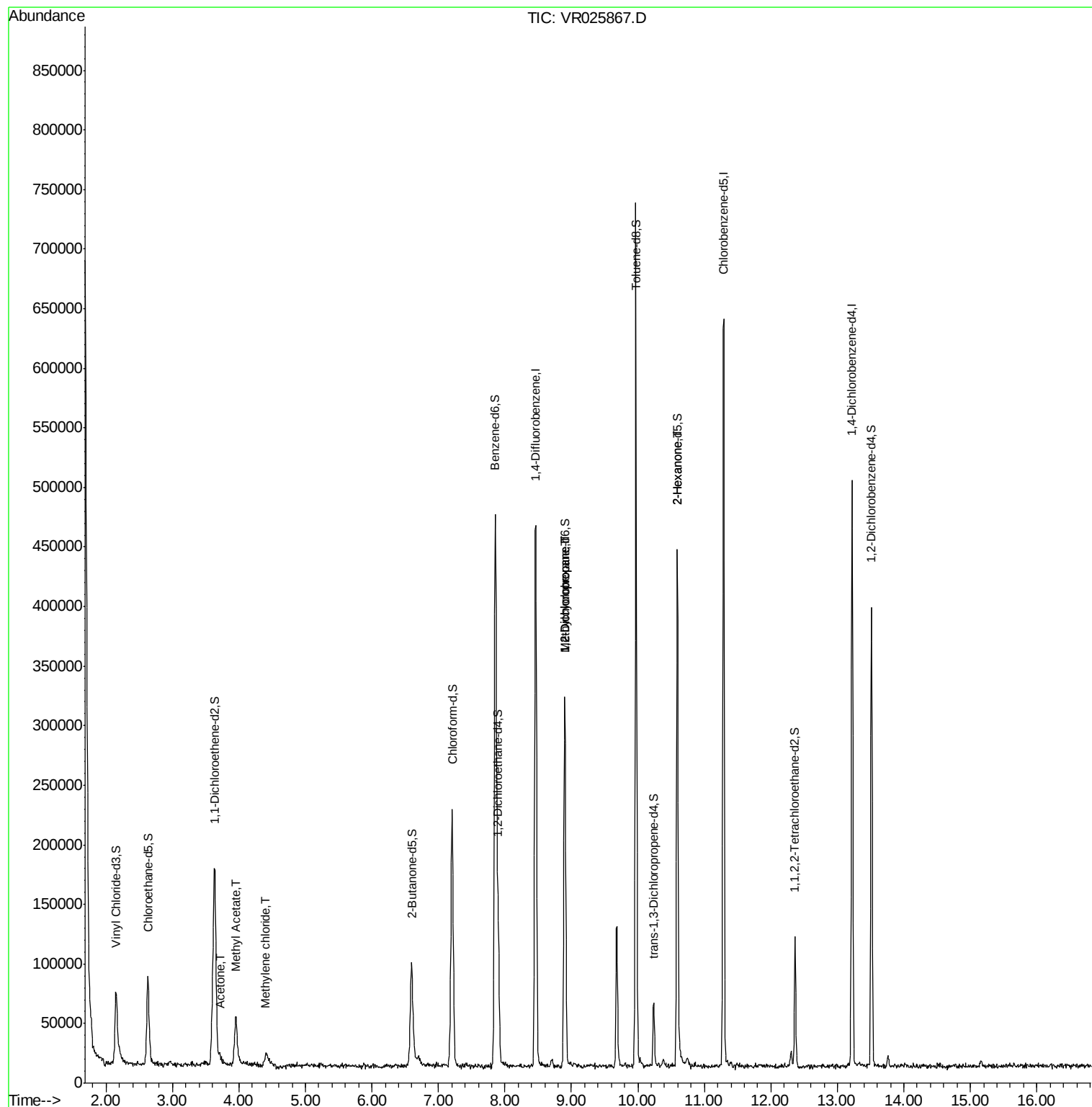
					Ovalue
13) Acetone	3.70	43	10309	5.206	ug/L 88
15) Methyl Acetate	3.95	43	20207	3.181	ug/L # 53
16) Methylene chloride	4.40	84	9720	0.399	ug/L 85
35) Methylcyclohexane	8.90	83	27721	0.483	ug/L # 16
37) 1,2-Dichloropropane	8.91	63	15561	0.530	ug/L # 96
48) 2-Hexanone	10.59	43	20206	3.003	ug/L # 69

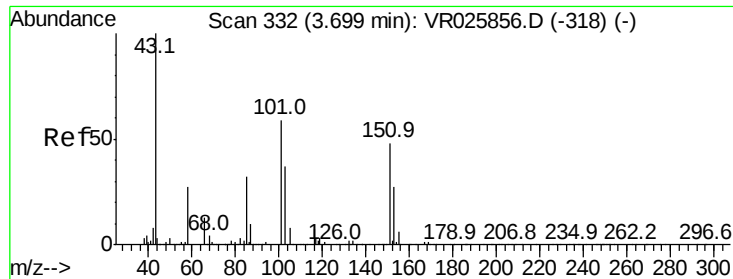
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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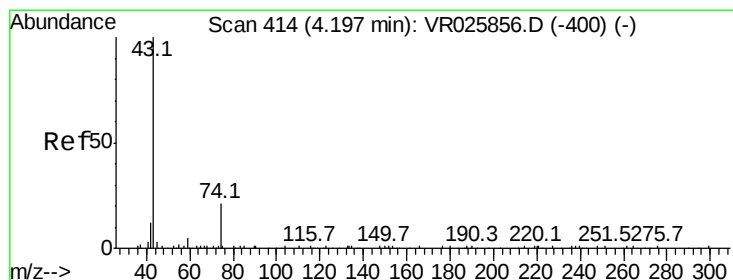
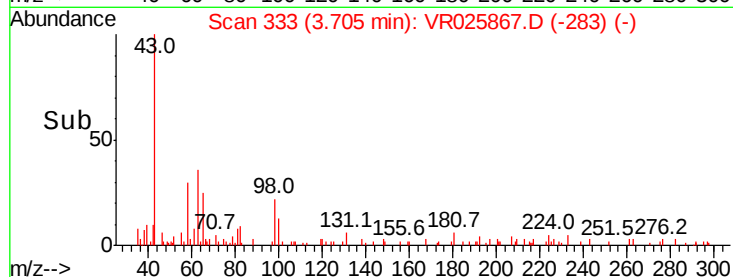
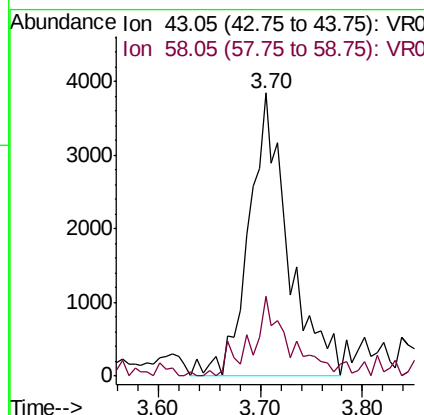
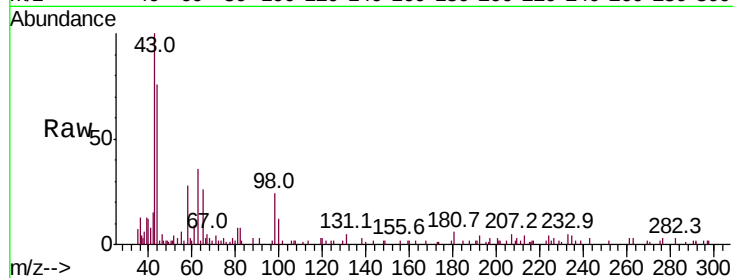




#13
Acetone
Concen: 5.206 ug/L
RT: 3.70 min Scan# 333
Delta R.T. 0.01 min
Lab File: VR025867.D
Acq: 26 Sep 2018 18:10

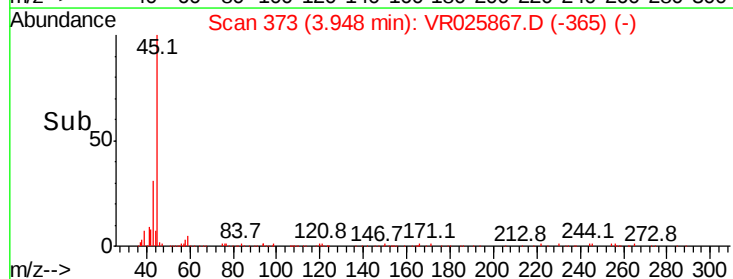
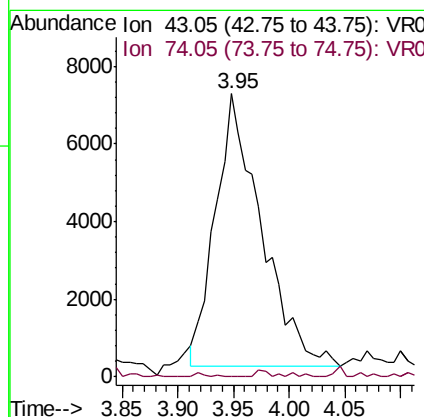
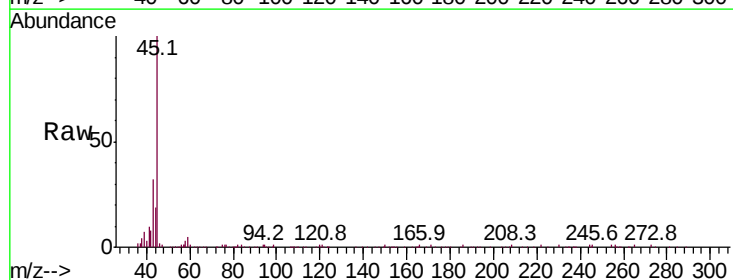
Instrument :
MSVOA_R
ClientSampleId :

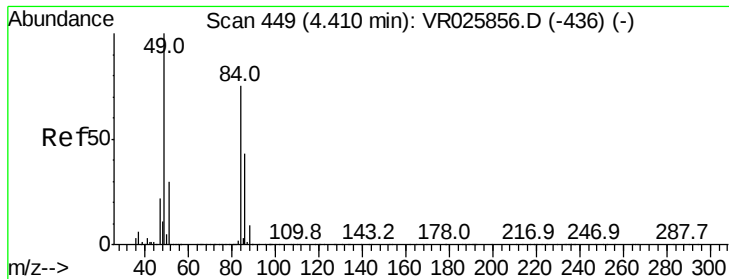
Tot Ion: 43 Resp: 10309
Ion Ratio Lower Upper
43 100
58 19.8 0.0 51.4



#15
Methyl Acetate
Concen: 3.181 ug/L
RT: 3.95 min Scan# 373
Delta R.T. -0.25 min
Lab File: VR025867.D
Acq: 26 Sep 2018 18:10

Tgt Ion: 43 Resp: 20207
Ion Ratio Lower Upper
43 100
74 0.7 19.0 28.4#

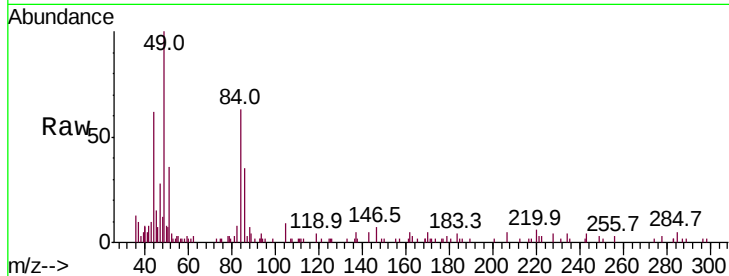




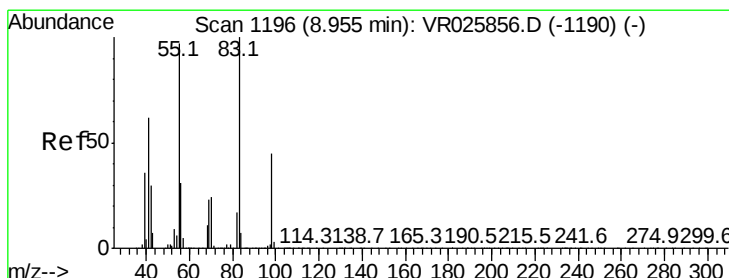
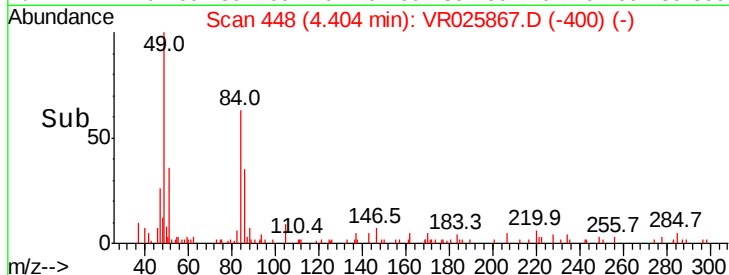
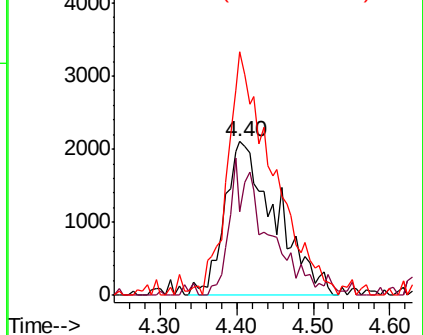
#16
Methvlene chloride
Concen: 0.399 ug/L
RT: 4.40 min Scan# 448
Delta R.T. -0.01 min
Lab File: VR025867.D
Acq: 26 Sep 2018 18:10

Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 84 Resp: 9720
Ion Ratio Lower Upper
84 100
86 54.7 43.1 80.1
49 158.1 95.5 177.3

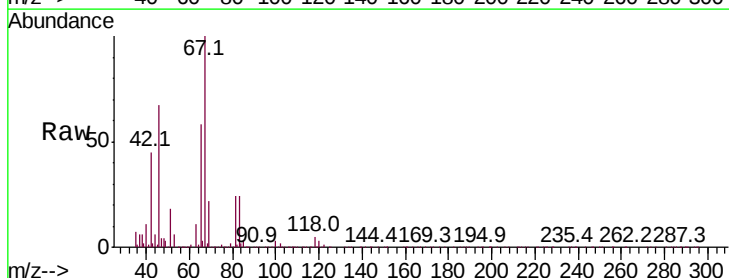


Abundance Ion 84.05 (83.75 to 84.75): VR0
Ion 86.00 (85.70 to 86.70): VR0
Ion 49.10 (48.80 to 49.80): VR0

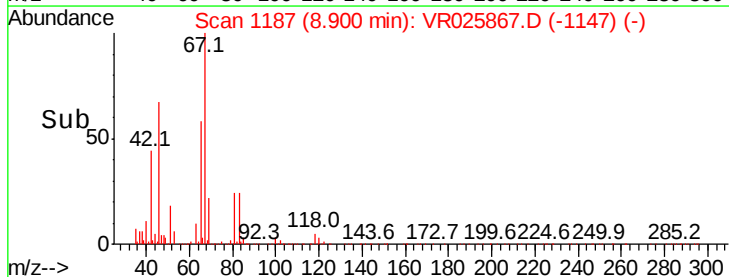
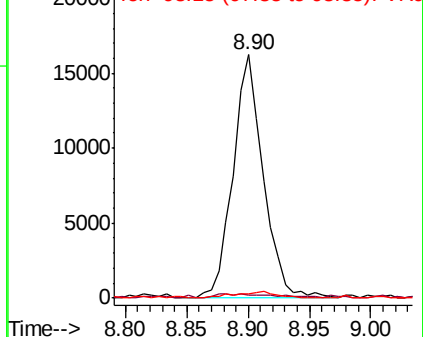


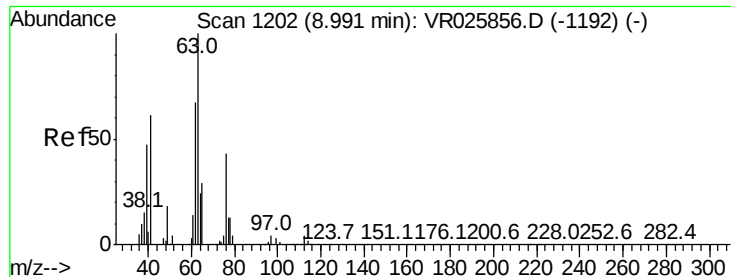
#35
Methylcyclohexane
Concen: 0.483 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025867.D
Acq: 26 Sep 2018 18:10

Tgt Ion: 83 Resp: 27721
Ion Ratio Lower Upper
83 100
55 1.0 71.8 107.6#
98 3.7 34.2 51.4#



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: 0.530 ug/L

RT: 8.91 min Scan# 1188

Delta R.T. -0.08 min

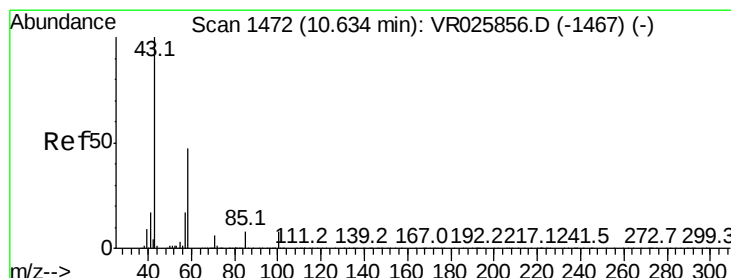
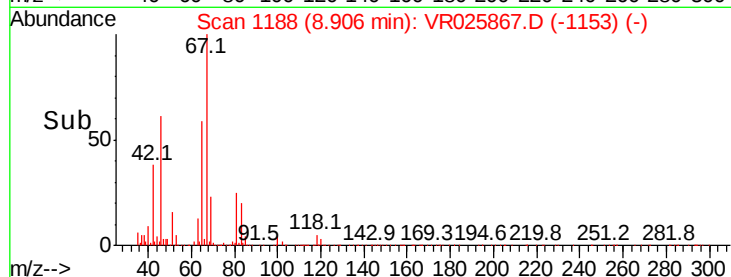
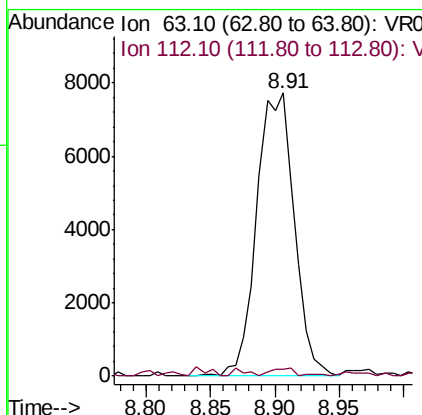
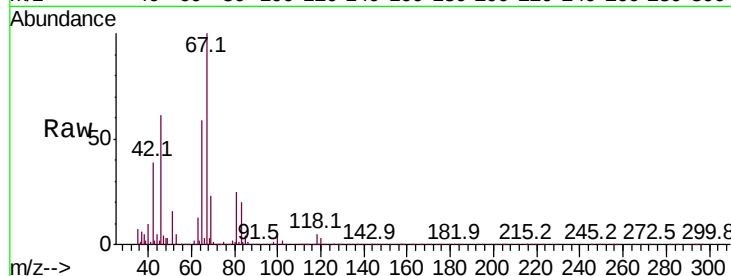
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Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 63 Resp: 15561

Ion	Ratio	Lower	Upper
63	100		
112	1.8	2.5	3.7#



#48

2-Hexanone

Concen: 3.003 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025867.D

Acq: 26 Sep 2018 18:10

Tgt Ion: 43 Resp: 20206

Ion	Ratio	Lower	Upper
43	100		
58	22.0	39.5	59.3#
57	24.7	14.6	21.8#
100	1.9	6.7	10.1#

