

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR090518\
 Data File : VR025671.D
 Acq On : 5 Sep 2018 16:01
 Operator : SY/MD
 Sample : J4749-04
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E5FA8

Quant Time: Sep 06 03:36:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 06 03:24:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	439165	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	378120	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	111491	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	121873	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	2.63	69	113442	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	3.63	63	230249	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	6.60	46	102266	46.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.90%
24) Chloroform-d	7.20	84	237550	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	7.89	65	83330	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	7.86	84	555817	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	8.90	67	152767	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	9.97	98	501571	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	10.24	79	30249	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	10.59	63	143183	58.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.68%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68646	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	110227	6.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.80%#

Target Compounds

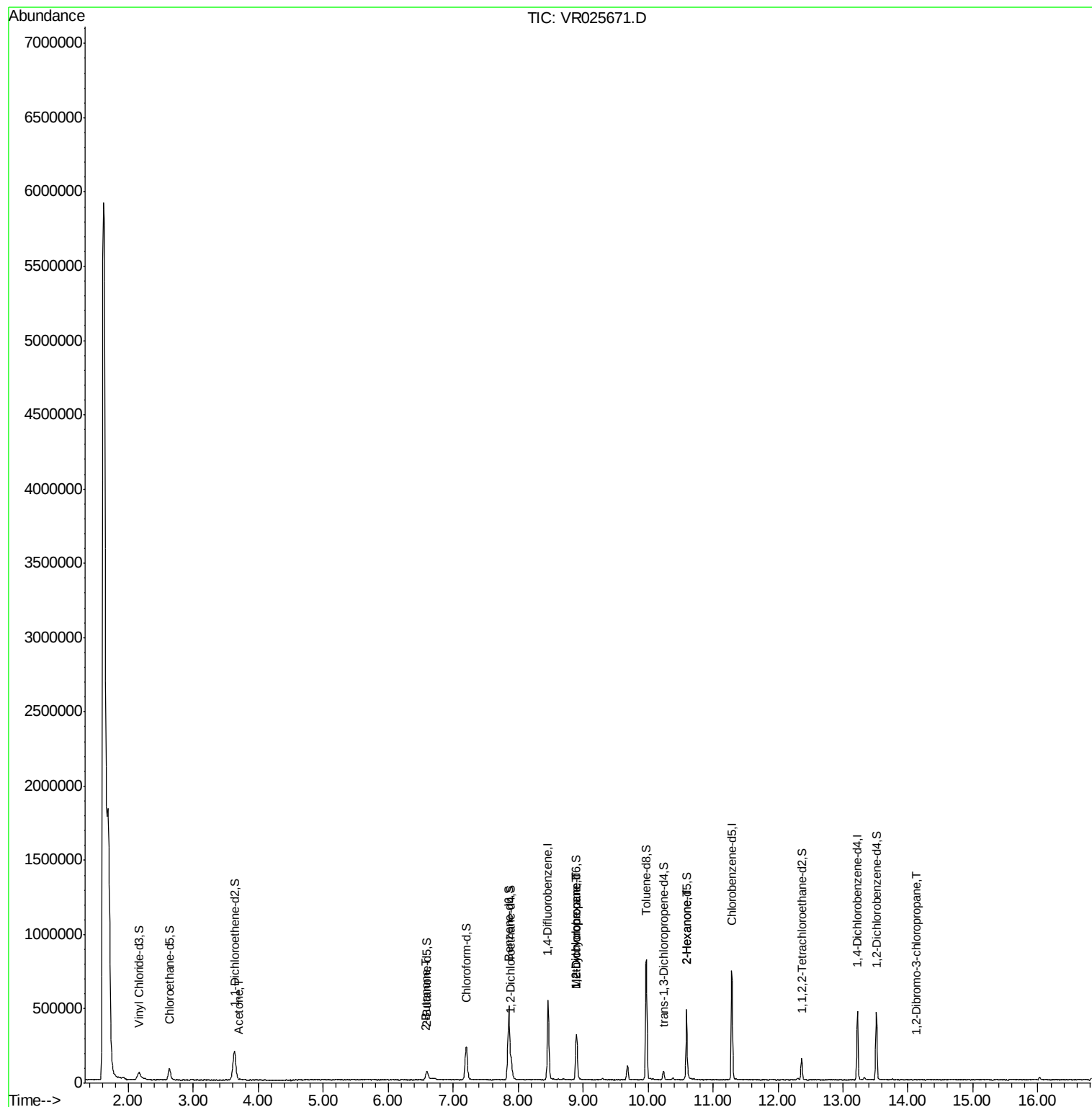
					Ovalue
13) Acetone	3.70	43	2212	1.63	ug/L 74
21) 2-Butanone	6.57	43	673	0.25	ug/L 94
35) Methylcyclohexane	8.90	83	33968	0.66	ug/L # 22
37) 1,2-Dichloropropane	8.90	63	15523	0.51	ug/L # 93
48) 2-Hexanone	10.59	43	17071	3.34	ug/L # 68
66) 1,2-Dibromo-3-chloropropan	14.13	75	200	0.25	ug/L # 1

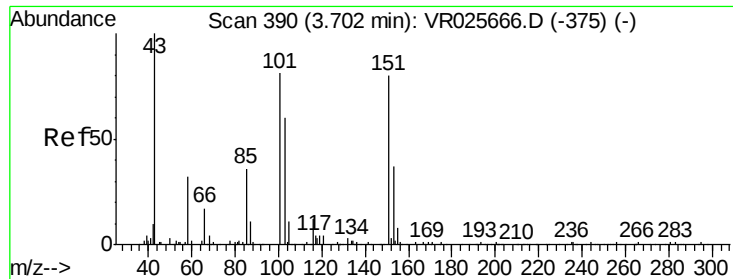
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.63 ug/L

RT: 3.70 min Scan# 390

Delta R.T. -0.00 min

Lab File: VR025671.D

Acq: 5 Sep 2018 16:01

Instrument :

MSVOA_R

ClientSampled :

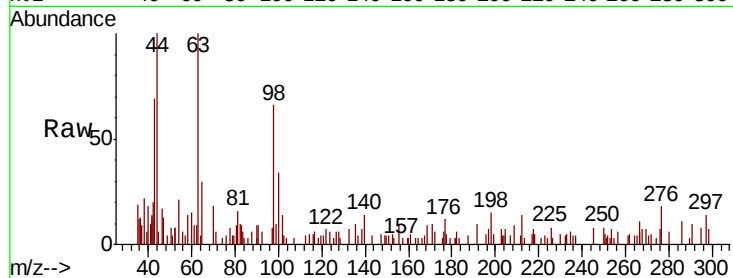
E5FA8

Tot Ion: 43 Resp: 2212

Ion Ratio Lower Upper

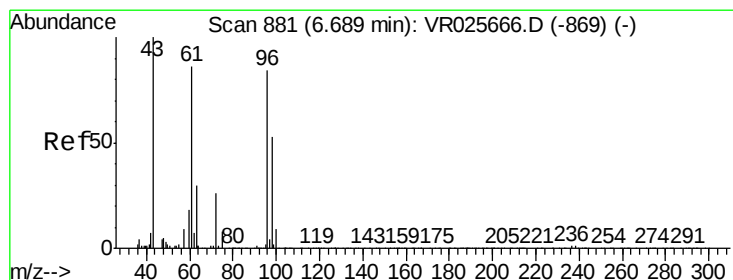
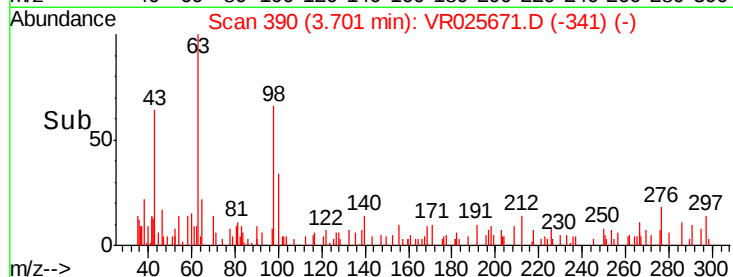
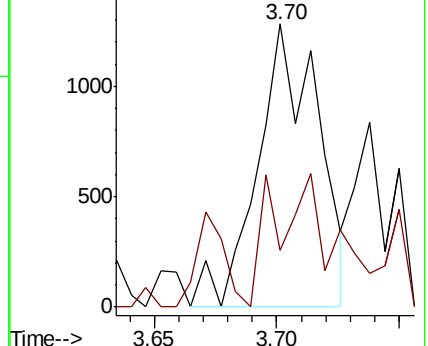
43 100

58 46.2 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 0.25 ug/L

RT: 6.57 min Scan# 862

Delta R.T. -0.12 min

Lab File: VR025671.D

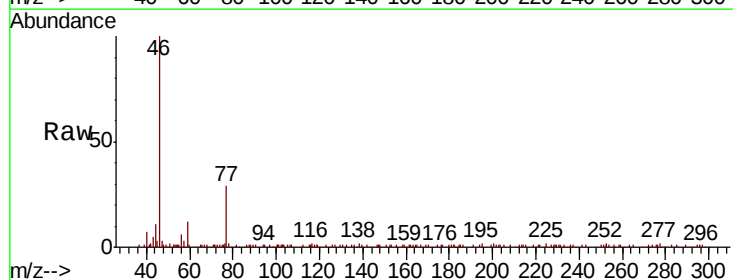
Acq: 5 Sep 2018 16:01

Tgt Ion: 43 Resp: 673

Ion Ratio Lower Upper

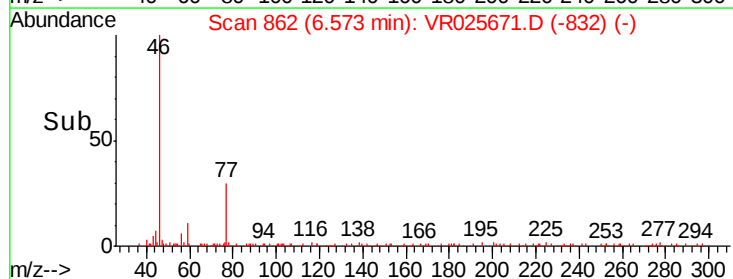
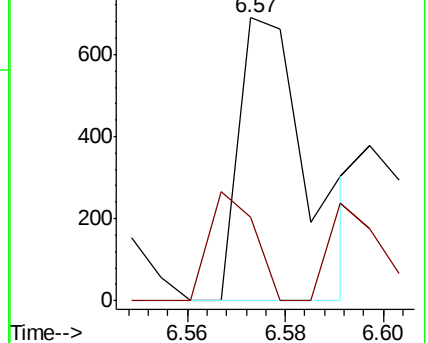
43 100

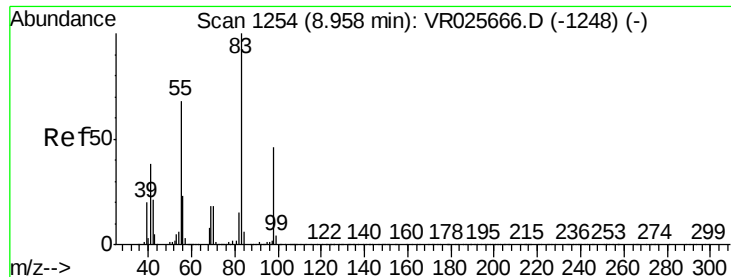
72 25.4 14.3 42.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

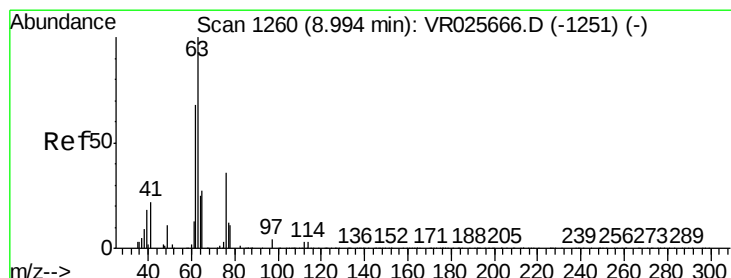
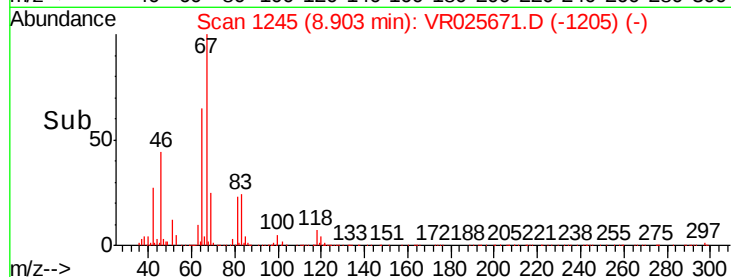
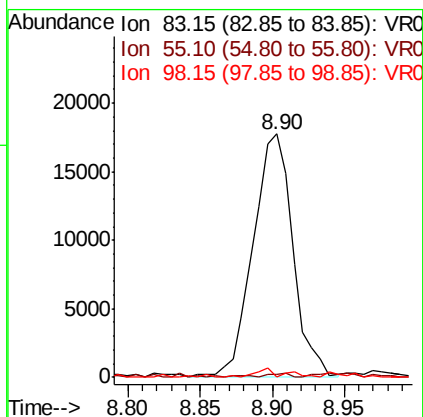
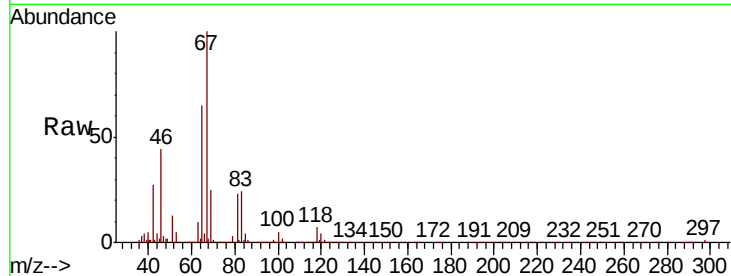




#35
Methvlcvclohexane
Concen: 0.66 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025671.D
Acq: 5 Sep 2018 16:01

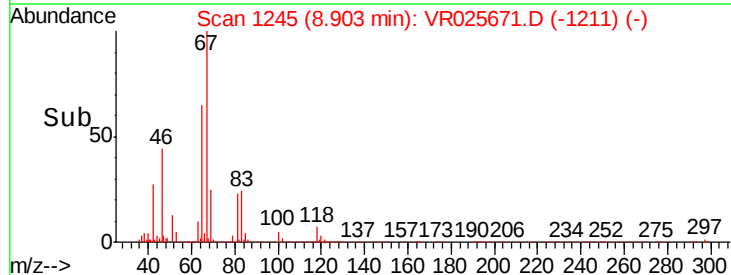
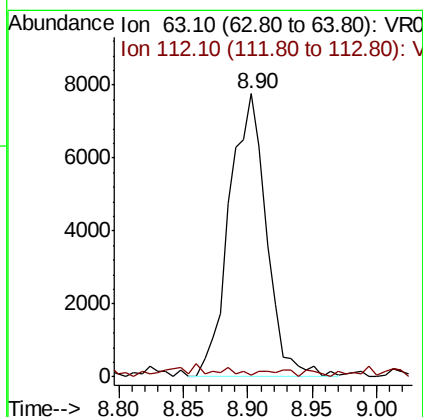
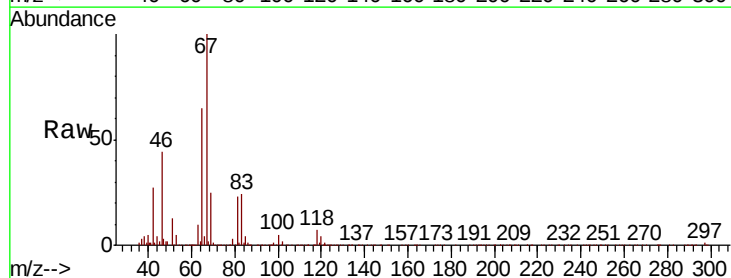
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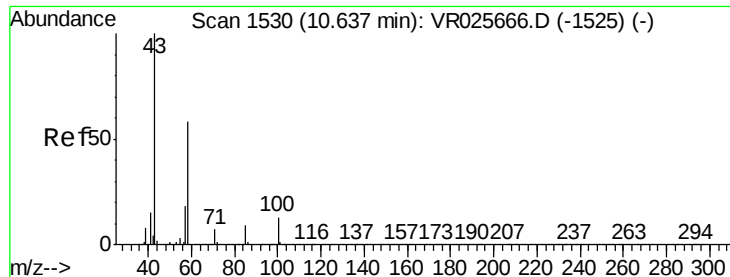
Tot Ion: 83 Resp: 33968
Ion Ratio Lower Upper
83 100
55 0.9 56.7 85.1#
98 0.8 35.8 53.8#



#37
1,2-Dichloropropane
Concen: 0.51 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VR025671.D
Acq: 5 Sep 2018 16:01

Tgt Ion: 63 Resp: 15523
Ion Ratio Lower Upper
63 100
112 0.8 2.5 3.7#

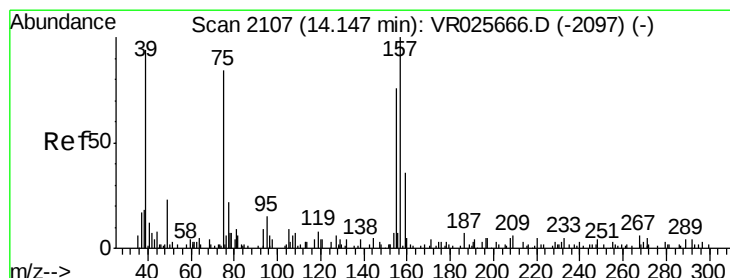
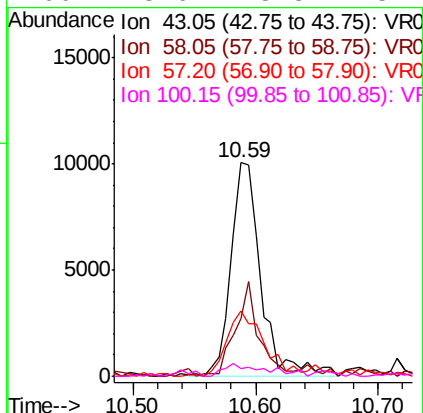
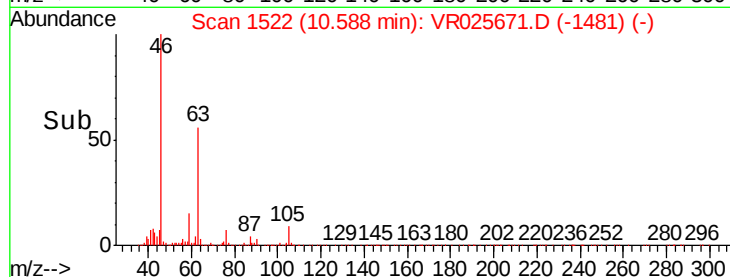
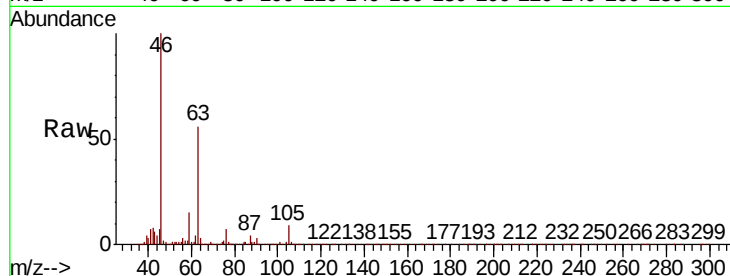




#48
2-Hexanone
Concen: 3.34 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.05 min
Lab File: VR025671.D
Acq: 5 Sep 2018 16:01

Instrument :
MSVOA_R
ClientSampled :
E5FA8

Tot Ion	Ratio	Lower	Upper
43	100		
58	33.8	46.4	69.6#
57	37.7	14.3	21.5#
100	8.6	8.8	13.2#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.25 ug/L
RT: 14.13 min Scan# 2105
Delta R.T. -0.01 min
Lab File: VR025671.D
Acq: 5 Sep 2018 16:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	256.1	55.2	82.8#
157	0.0	89.4	134.2#

