

Data File : VR026416.D
Acq On : 28 Feb 2019 13:32
Operator : SY/MD
Sample : K1588-17
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0AB5

Quant Time: Mar 01 06:33:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 06:30:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	477315	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	380780	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	119459	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	135756	2.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.20%
7) Chloroethane-d5	2.62	69	135050	3.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.60%
11) 1,1-Dichloroethene-d2	3.60	63	284337	2.59	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.80%#
20) 2-Butanone-d5	6.58	46	179881	52.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.56%
24) Chloroform-d	7.20	84	303963	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	7.89	65	131872	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	7.85	84	537225	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.00%
36) 1,2-Dichloropropane-d6	8.89	67	145792	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.40%
41) Toluene-d8	9.97	98	453120	3.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.20%
43) trans-1,3-Dichloropropene-	10.24	79	28996	3.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.60%
46) 2-Hexanone-d5	10.59	63	129986	53.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.62%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	60068	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	97182	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

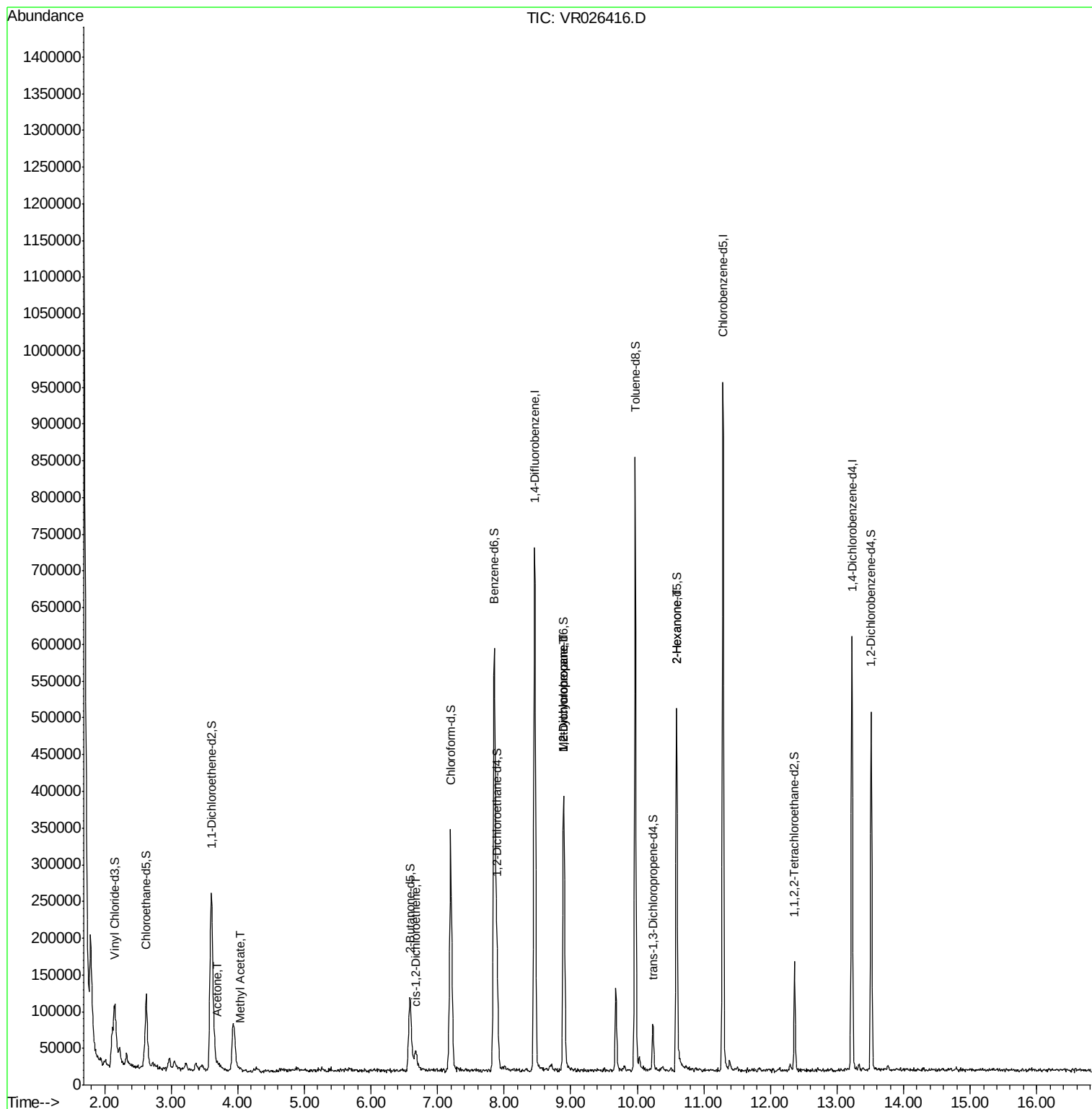
					Qvalue
13) Acetone	3.69	43	14676	4.787 ug/L	85
15) Methyl Acetate	4.03	43	1051	0.121 ug/L #	69
22) cis-1,2-Dichloroethene	6.67	96	10435	0.327 ug/L #	86
35) Methylcyclohexane	8.89	83	38303	0.734 ug/L #	16
37) 1,2-Dichloropropane	8.89	63	18796	0.605 ug/L #	89
48) 2-Hexanone	10.59	43	21853	3.722 ug/L #	78

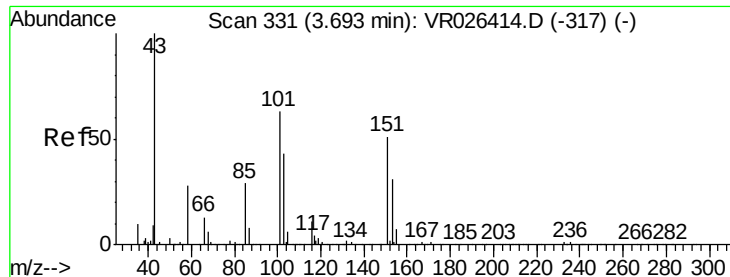
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.787 ug/L

RT: 3.69 min Scan# 331

Delta R.T. -0.00 min

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Acq: 28 Feb 2019 13:32

Instrument :

MSVOA_R

ClientSampled :

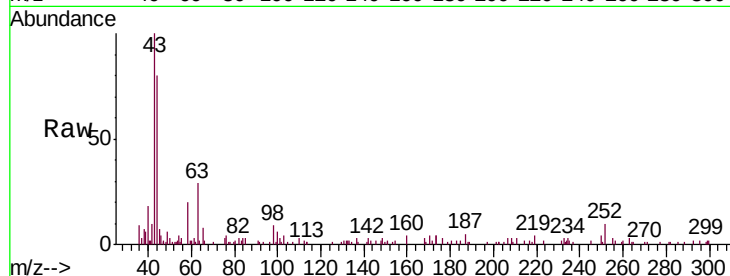
C0AB5

Tgt Ion: 43 Resp: 14676

Ion Ratio Lower Upper

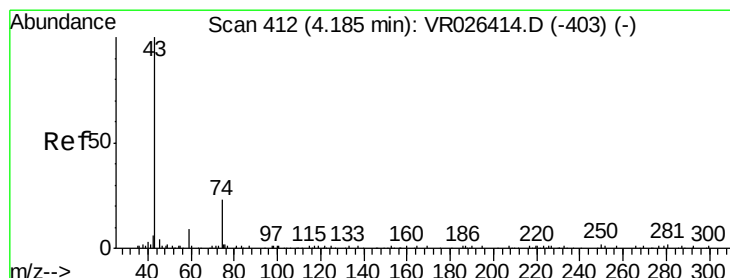
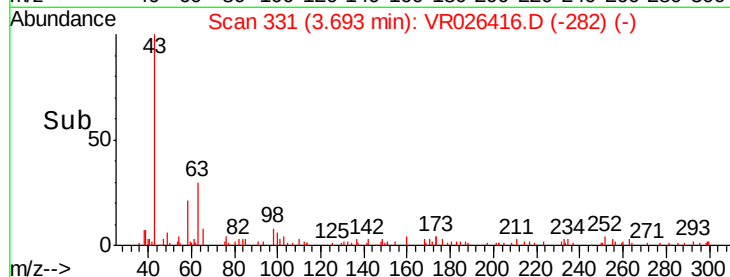
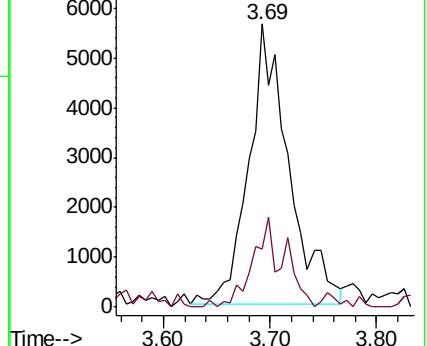
43 100

58 18.3 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 0.121 ug/L

RT: 4.03 min Scan# 387

Delta R.T. -0.15 min

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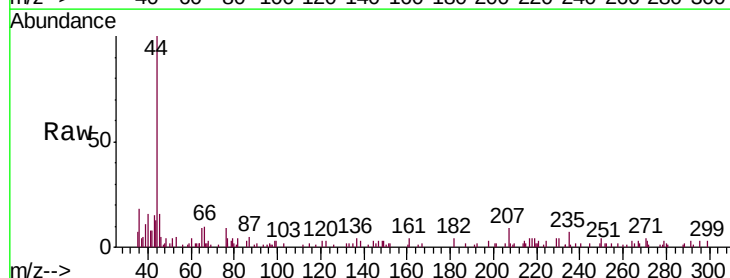
Acq: 28 Feb 2019 13:32

Tgt Ion: 43 Resp: 1051

Ion Ratio Lower Upper

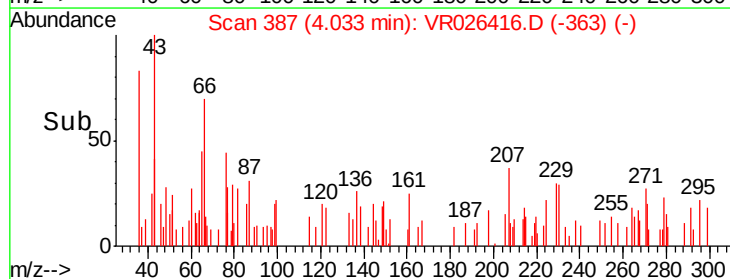
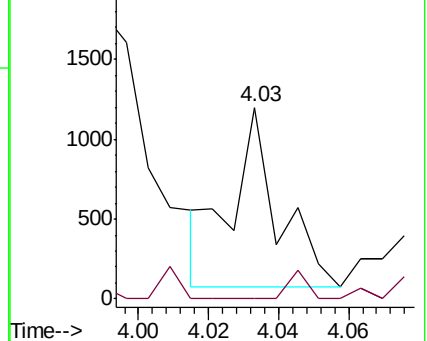
43 100

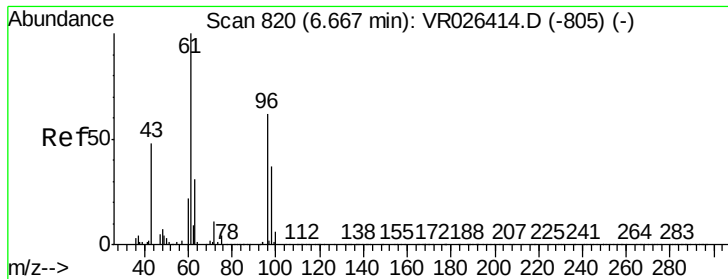
74 6.2 16.6 25.0#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0



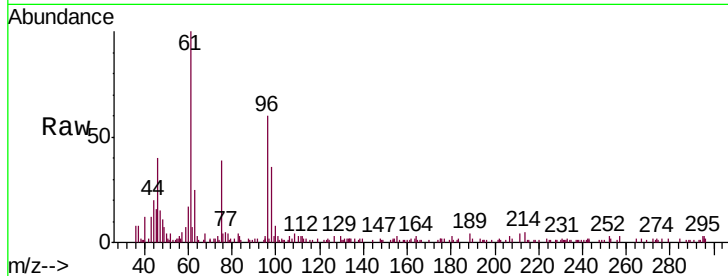


#22

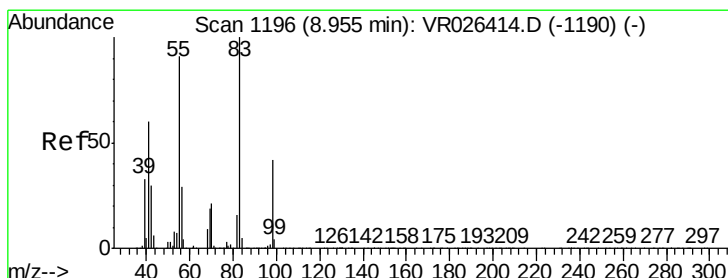
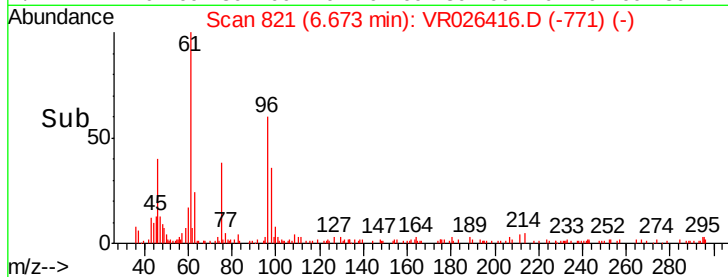
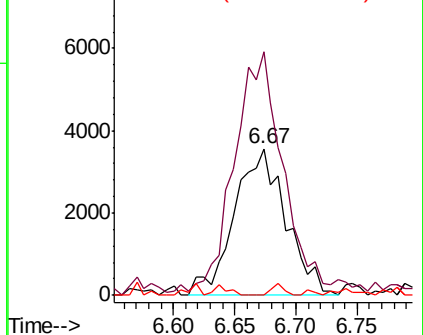
cis-1,2-Dichloroethene
Concen: 0.327 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.01 min
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Instrument :
MSVOA_R
ClientSampleId :
C0AB5

Tgt Ion: 96 Resp: 10435
Ion Ratio Lower Upper
96 100
61 161.5 100.8 187.2
68 0.0 0.1 0.1#



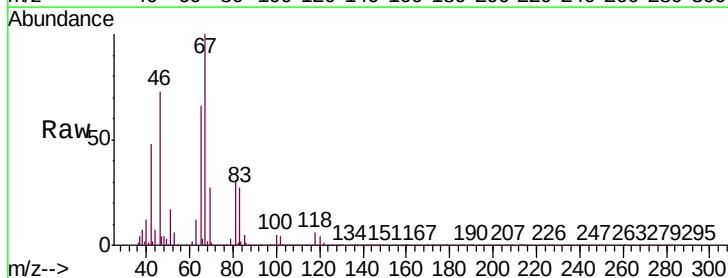
Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0



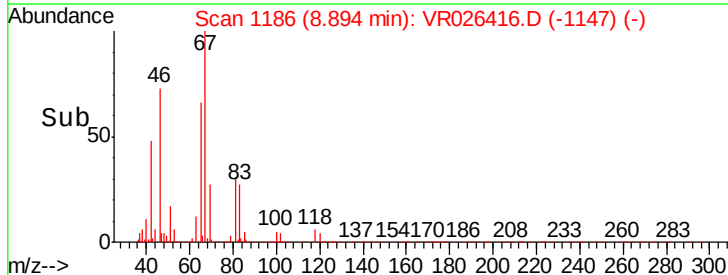
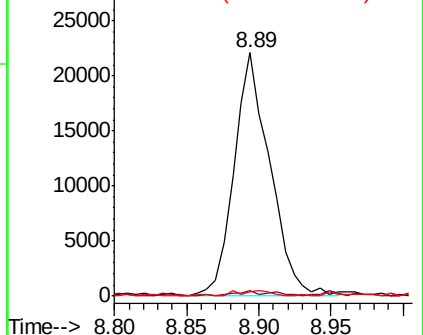
#35

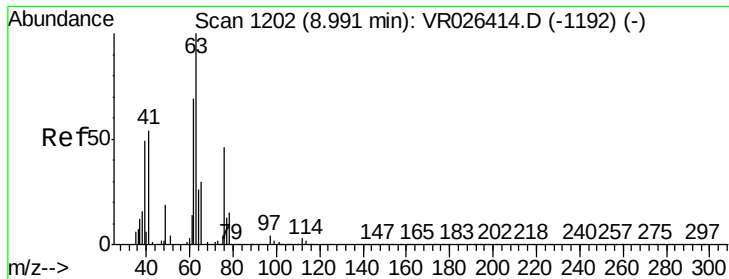
Methylcyclohexane
Concen: 0.734 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026416.D
Acq: 28 Feb 2019 13:32

Tgt Ion: 83 Resp: 38303
Ion Ratio Lower Upper
83 100
55 1.5 72.2 108.2#
98 2.1 35.0 52.4#



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

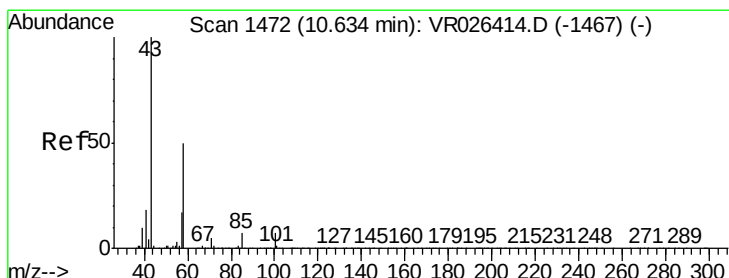
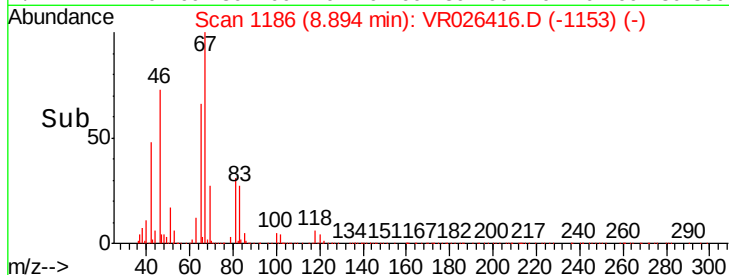
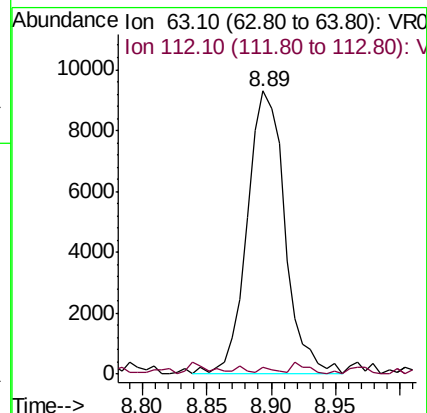
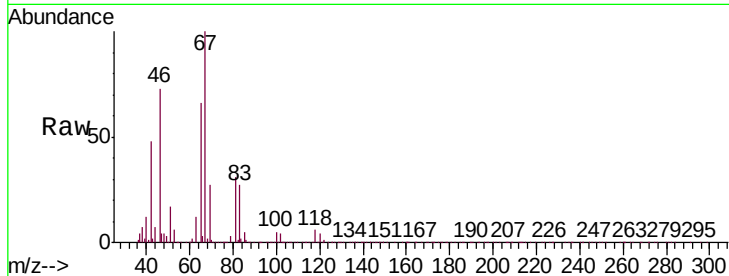




#37
 1,2-Dichloropropane
 Concen: 0.605 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR026416.D
 Acq: 28 Feb 2019 13:32

Instrument :
 MSVOA_R
 ClientSampled :
 C0AB5

Tgt Ion: 63 Resp: 18796
 Ion Ratio Lower Upper
 63 100
 112 0.8 3.6 5.4#



#48
 2-Hexanone
 Concen: 3.722 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026416.D
 Acq: 28 Feb 2019 13:32

Tgt Ion: 43 Resp: 21853
 Ion Ratio Lower Upper
 43 100
 58 32.7 38.4 57.6#
 57 28.6 13.2 19.8#
 100 4.7 6.3 9.5#

