

Data File : VR026300.D
Acq On : 24 Dec 2018 14:00
Operator : SY/MD
Sample : J6468-13
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VHBLK02

Quant Time: Dec 24 22:53:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 24 22:50:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	534208	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	418032	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	124923	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	168728	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	2.63	69	180875	5.36	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	3.61	63	363772	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	6.58	46	152359	50.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.94%
24) Chloroform-d	7.20	84	358964	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	7.90	65	137952	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	7.86	84	703955	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	8.90	67	179449	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	9.97	98	618390	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	10.24	79	38335	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	10.59	63	98898	52.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.84%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62015	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	111992	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

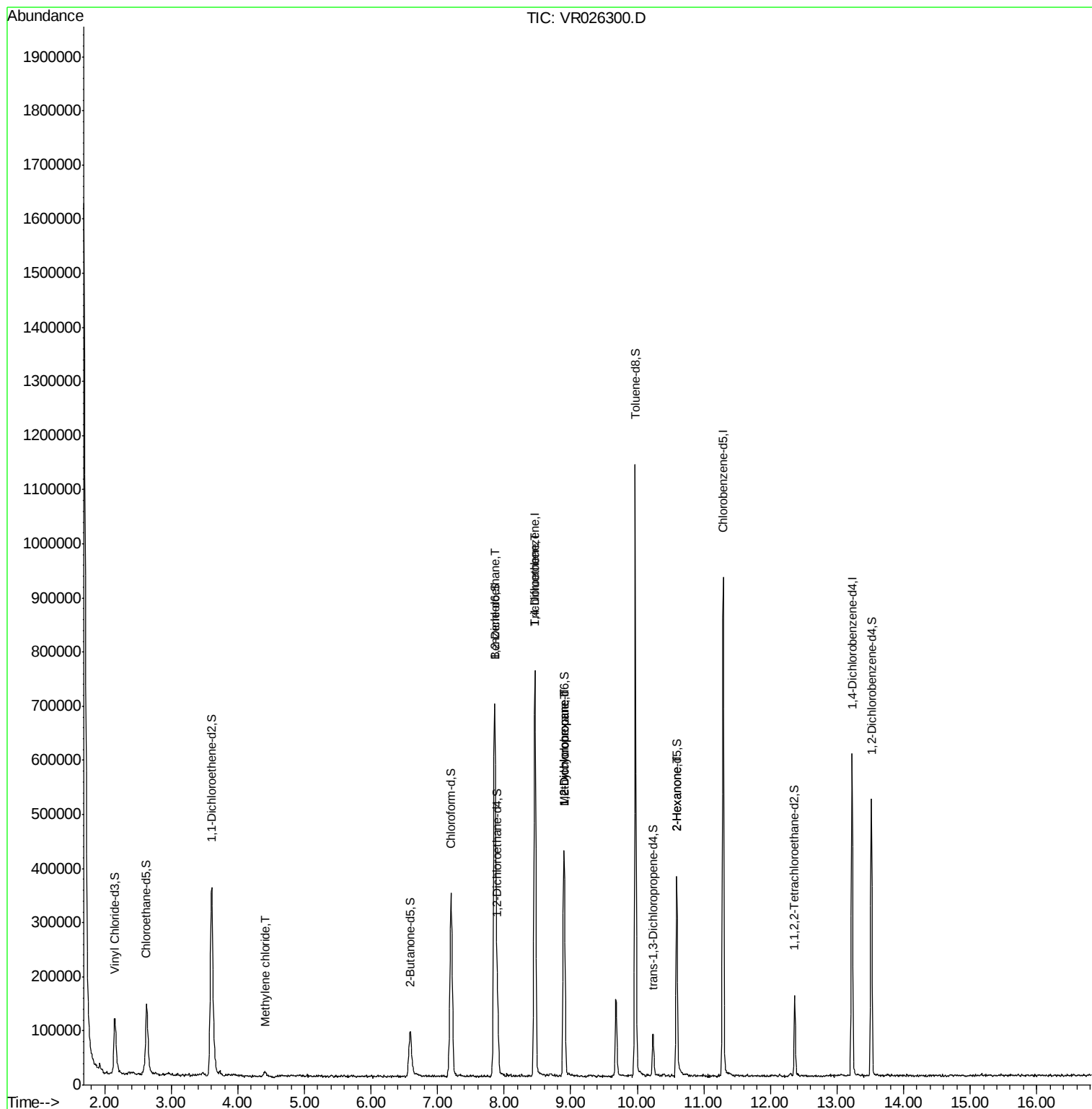
					Qvalue
16) Methylene chloride	4.41	84	5753	0.141 ug/L	84
27) 1,2-Dichloroethane	7.87	62	4804	0.152 ug/L	96
34) Trichloroethene	8.46	95	17880	0.412 ug/L #	10
35) Methylcyclohexane	8.90	83	42979	0.683 ug/L #	19
37) 1,2-Dichloropropane	8.90	63	22567	0.670 ug/L #	93
48) 2-Hexanone	10.59	43	15462	2.958 ug/L #	72

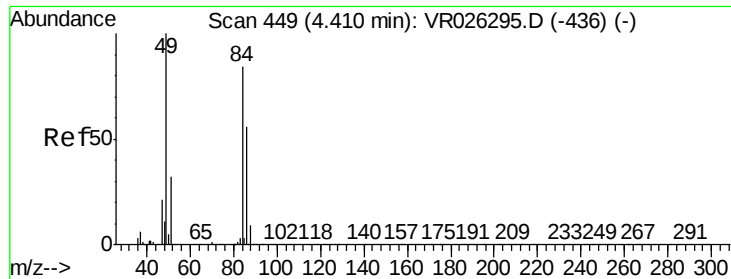
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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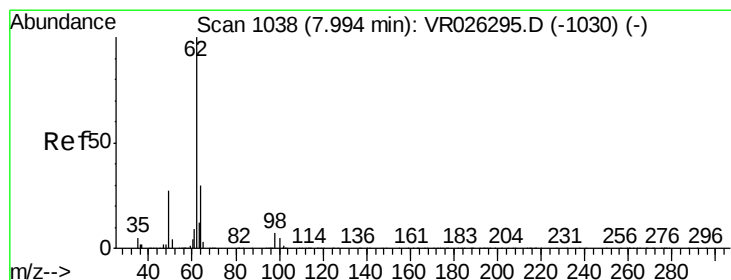
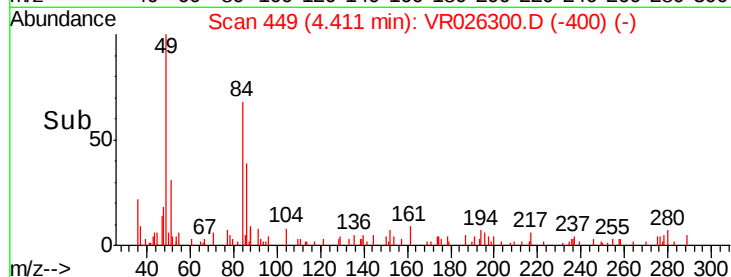
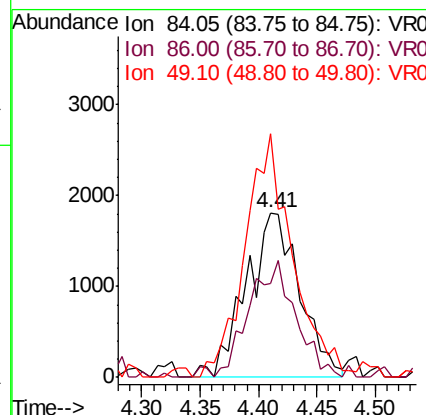
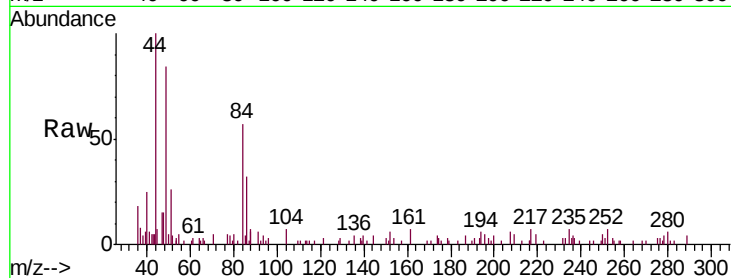




#16
Methylene chloride
Concen: 0.141 ug/L
RT: 4.41 min Scan# 449
Delta R.T. 0.00 min
Lab File: VR026300.D
Acq: 24 Dec 2018 14:00

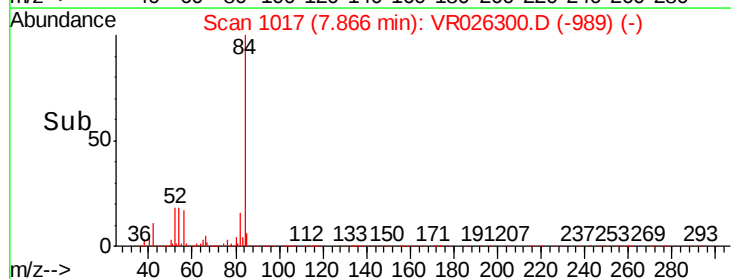
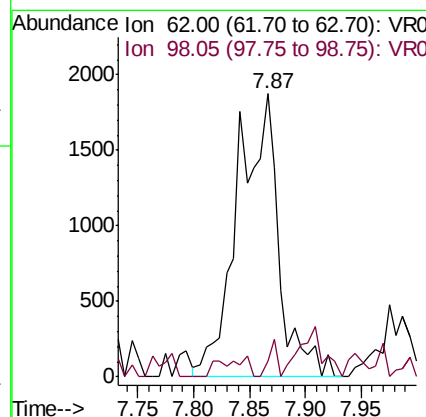
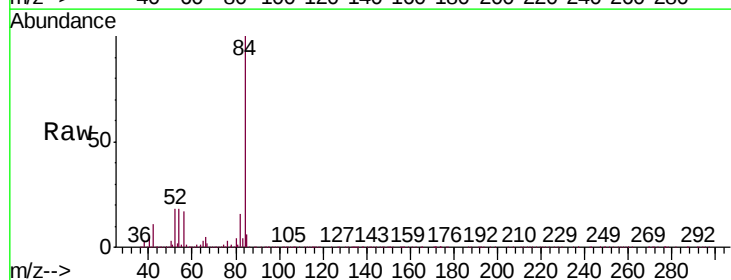
Instrument :
MSVOA_R
ClientSampleId :
VHBLK02

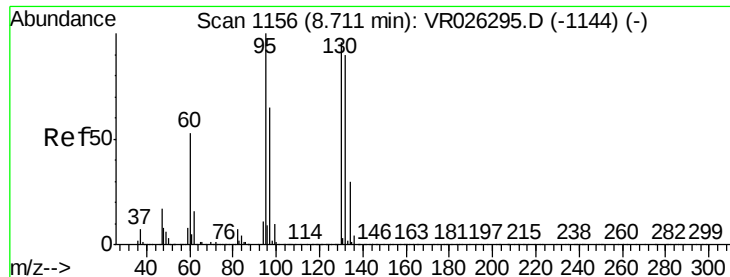
Tgt Ion: 84 Resp: 5753
Ion Ratio Lower Upper
84 100
86 56.9 45.8 85.0
49 147.7 88.7 164.7



#27
1,2-Dichloroethane
Concen: 0.152 ug/L
RT: 7.87 min Scan# 1017
Delta R.T. -0.13 min
Lab File: VR026300.D
Acq: 24 Dec 2018 14:00

Tgt Ion: 62 Resp: 4804
Ion Ratio Lower Upper
62 100
98 5.8 5.7 8.5





#34

Trichloroethene

Concen: 0.412 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR026300.D

Acq: 24 Dec 2018 14:00

Instrument :

MSVOA_R

ClientSampleId :

VHBLK02

Tgt Ion: 95 Resp: 17880

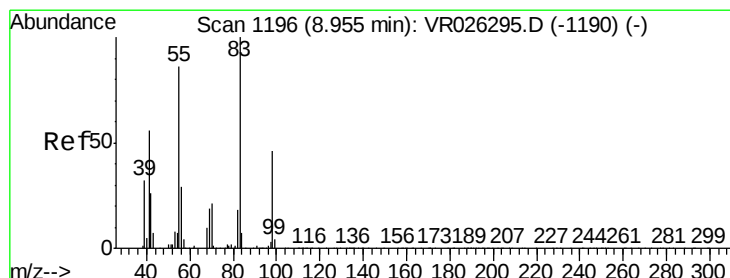
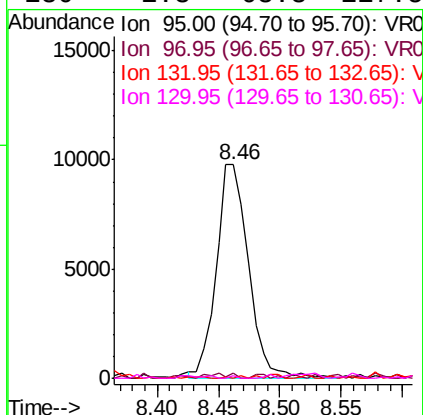
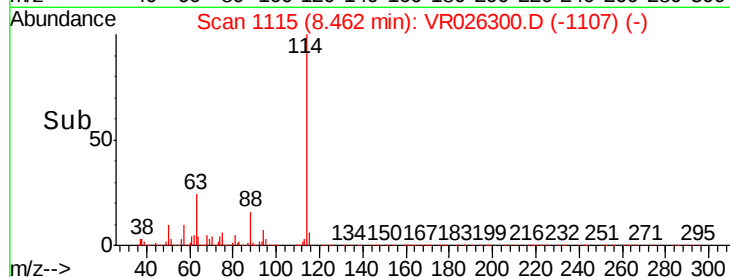
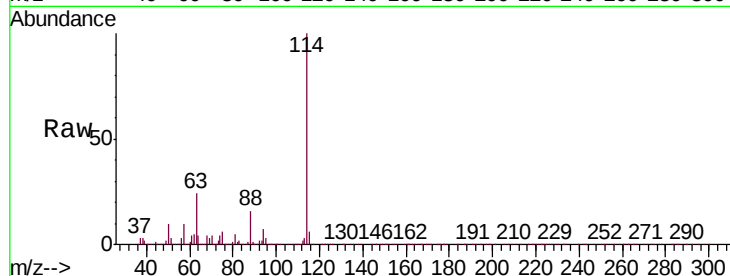
Ion Ratio Lower Upper

95 100

97 2.2 44.8 83.2#

132 0.0 61.7 114.5#

130 1.3 63.3 117.5#



#35

Methylcyclohexane

Concen: 0.683 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026300.D

Acq: 24 Dec 2018 14:00

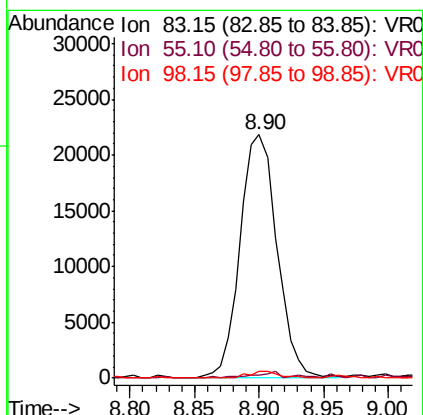
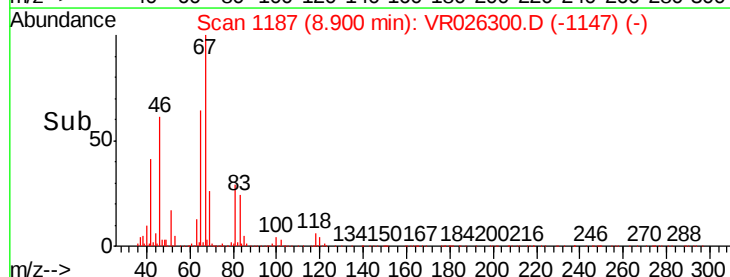
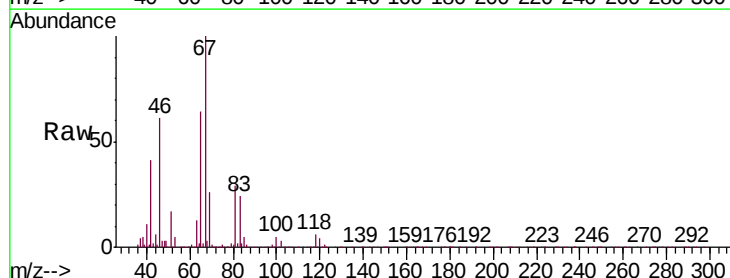
Tgt Ion: 83 Resp: 42979

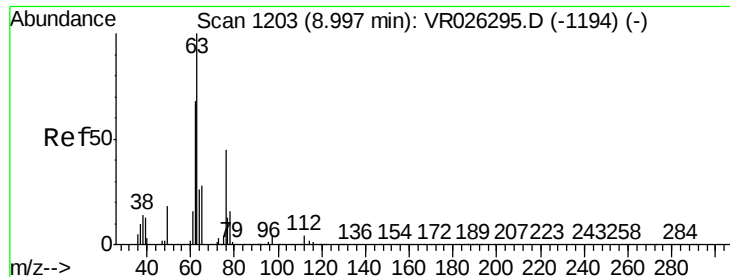
Ion Ratio Lower Upper

83 100

55 2.0 66.6 99.8#

98 2.7 35.5 53.3#

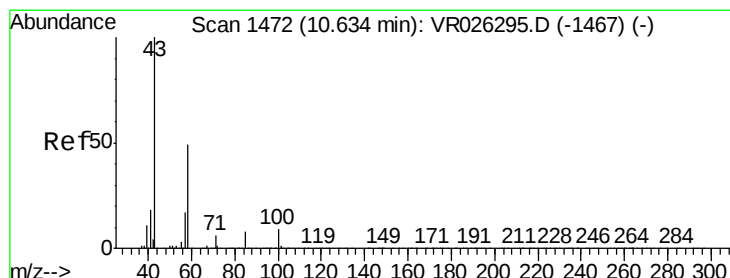
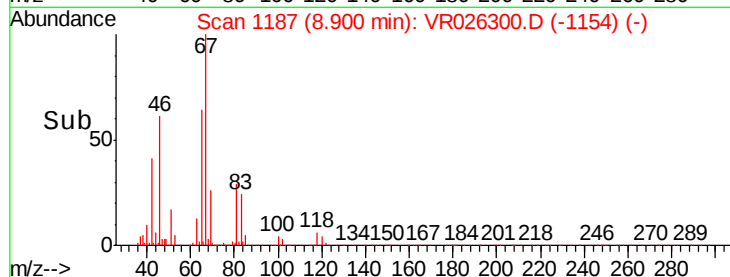
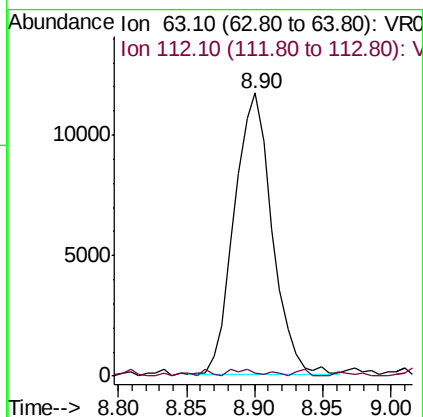
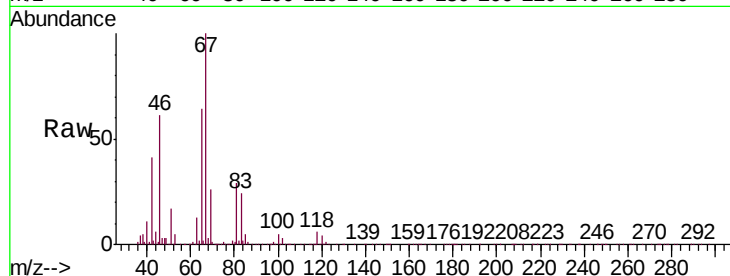




#37
 1,2-Dichloropropane
 Concen: 0.670 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR026300.D
 Acq: 24 Dec 2018 14:00

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK02

Tgt Ion: 63 Resp: 22567
 Ion Ratio Lower Upper
 63 100
 112 1.5 3.0 4.6#



#48
 2-Hexanone
 Concen: 2.958 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026300.D
 Acq: 24 Dec 2018 14:00

Tgt Ion: 43 Resp: 15462
 Ion Ratio Lower Upper
 43 100
 58 31.2 40.5 60.7#
 57 33.0 14.2 21.4#
 100 3.7 7.5 11.3#

