

Data File : VR026031.D
Acq On : 10 Oct 2018 16:07
Operator : SY/MD
Sample : J5380-06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

Quant Time: Oct 11 04:15:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 04:11:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	417753	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	358817	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	118366	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	191923	5.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.60%
7) Chloroethane-d5	2.63	69	157311	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	3.64	63	340167	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	6.59	46	159393	43.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.80%
24) Chloroform-d	7.20	84	260637	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	7.89	65	119400	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	7.85	84	521354	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	8.90	67	145667	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	9.97	98	489345	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	10.24	79	32280	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	10.59	63	126943	45.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.14%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	53385	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	84931	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

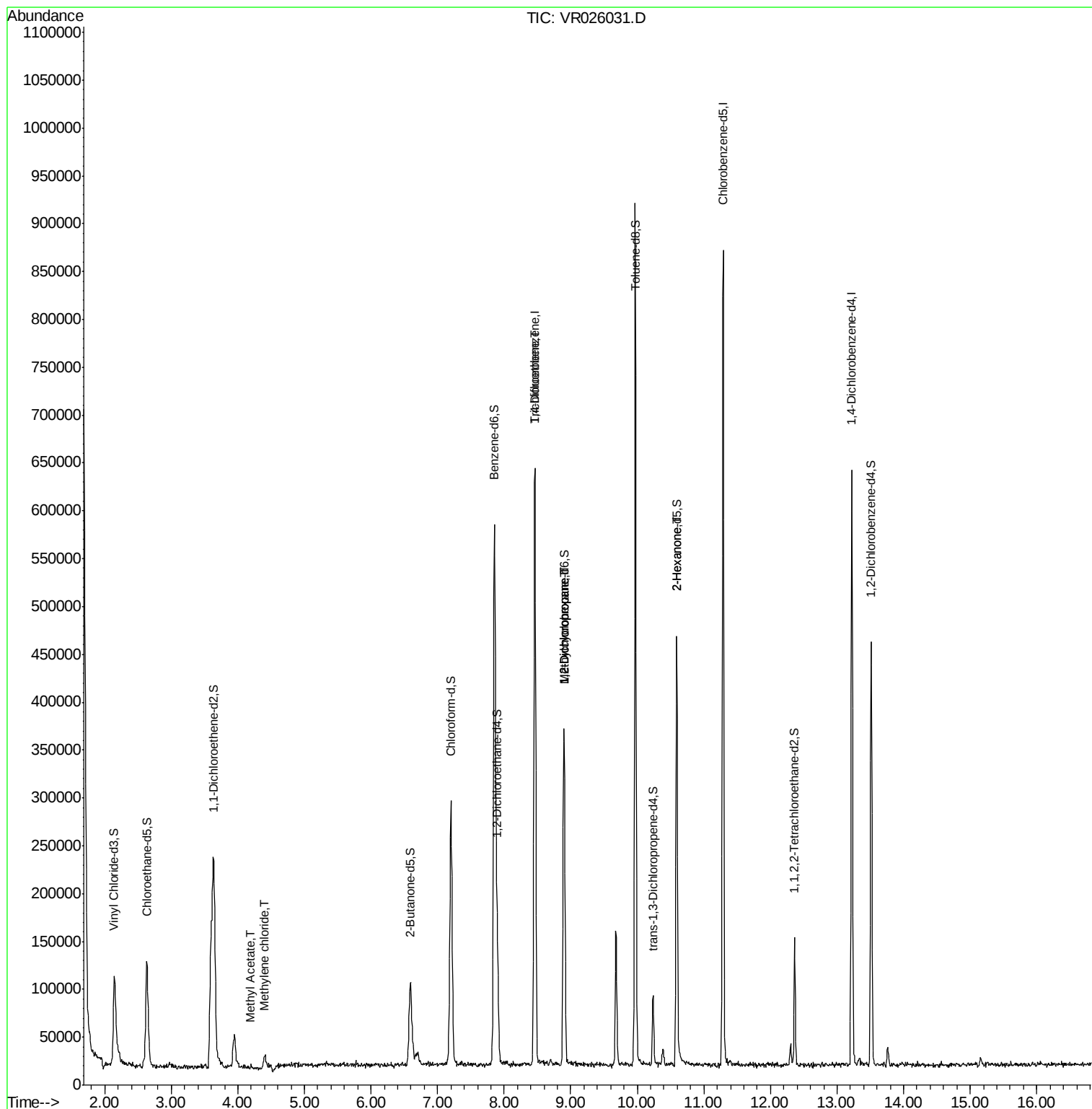
					Qvalue
15) Methyl Acetate	4.19	43	1336	0.181 ug/L #	69
16) Methylene chloride	4.40	84	8762	0.302 ug/L	85
34) Trichloroethene	8.46	95	15811	0.499 ug/L #	14
35) Methylcyclohexane	8.90	83	34765	0.729 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	19751	0.765 ug/L #	94
48) 2-Hexanone	10.59	43	20464	3.443 ug/L #	72

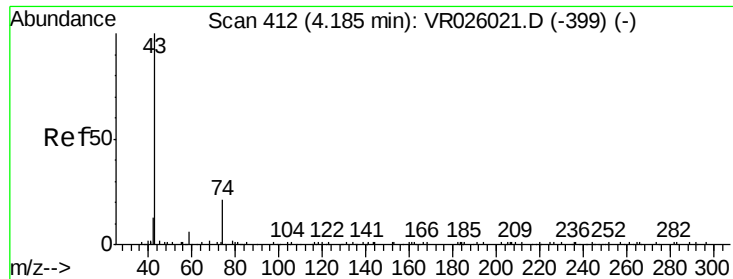
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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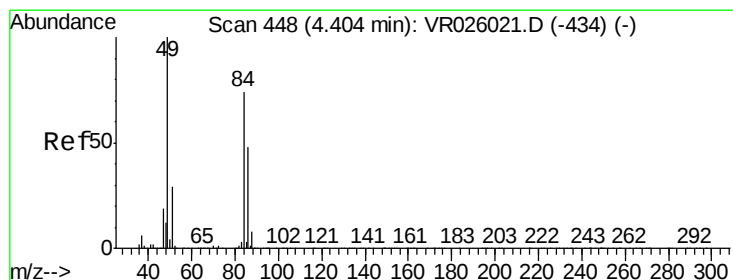
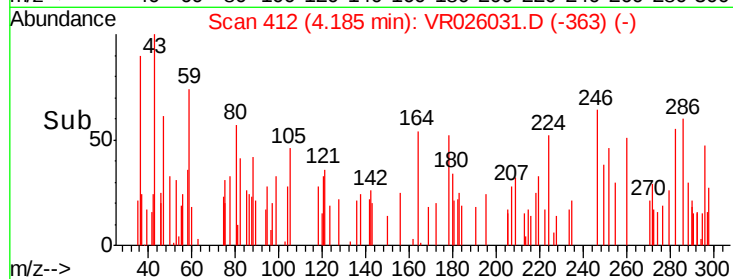
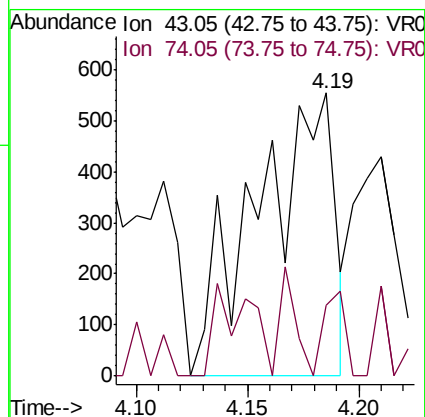
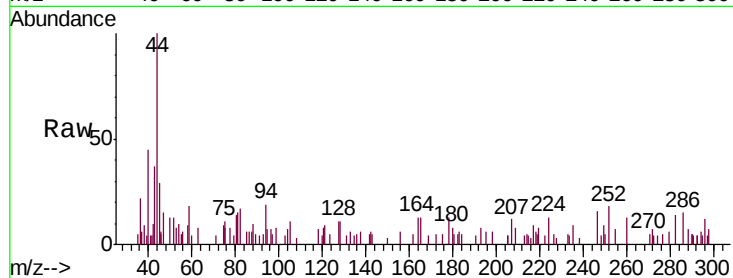




#15
Methyl Acetate
Concen: 0.181 ug/L
RT: 4.19 min Scan# 412
Delta R.T. -0.00 min
Lab File: VR026031.D
Acq: 10 Oct 2018 16:07

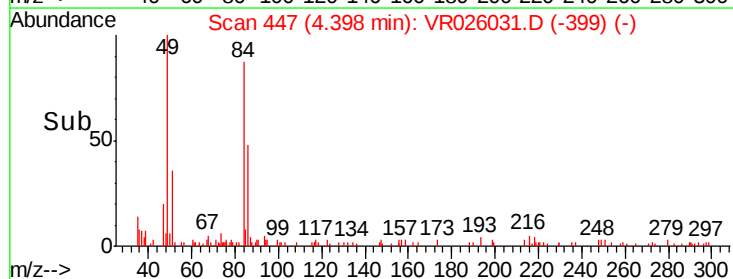
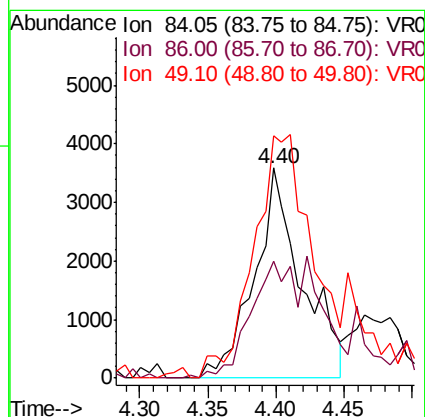
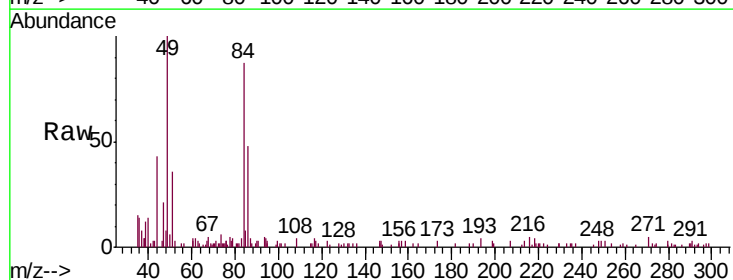
Instrument :
MSVOA_R
ClientSampled :
VHBLK01

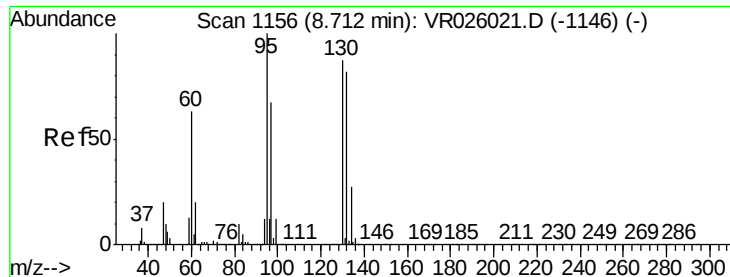
Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
74 8.4 19.0 28.4#



#16
Methylene chloride
Concen: 0.302 ug/L
RT: 4.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: VR026031.D
Acq: 10 Oct 2018 16:07

Tgt Ion: 84 Resp: 8762
Ion Ratio Lower Upper
84 100
86 55.6 43.1 80.1
49 115.4 95.5 177.3





#34

Trichloroethene

Concen: 0.499 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR026031.D

Acq: 10 Oct 2018 16:07

Instrument :

MSVOA_R

ClientSampled :

VHBLK01

Tgt Ion: 95 Resp: 15811

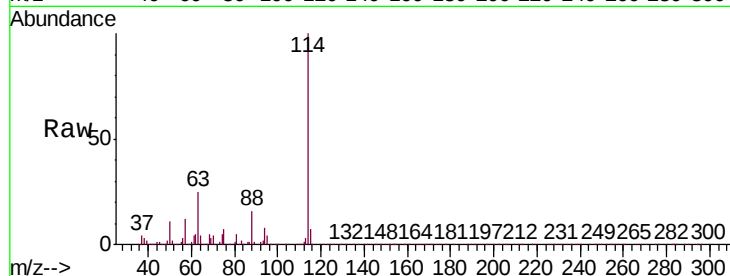
Ion Ratio Lower Upper

95 100

97 1.3 43.9 81.5#

132 0.6 53.3 98.9#

130 0.8 53.8 99.8#

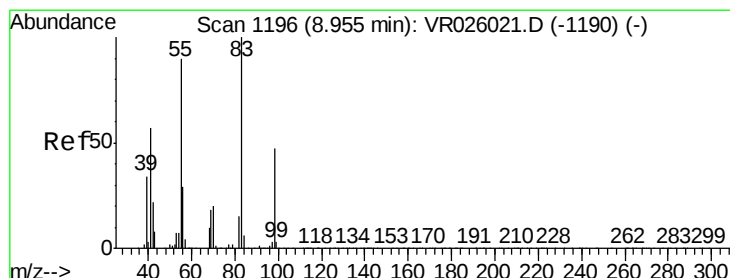
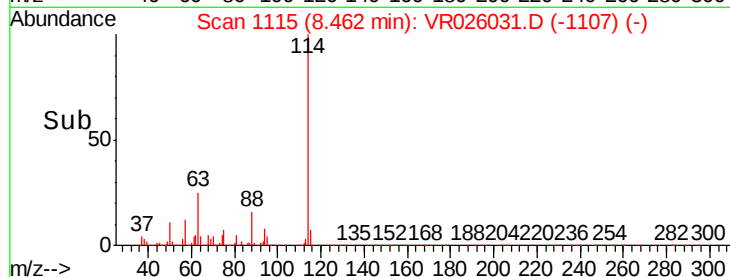
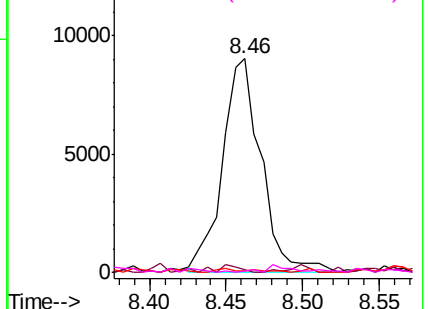


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.729 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026031.D

Acq: 10 Oct 2018 16:07

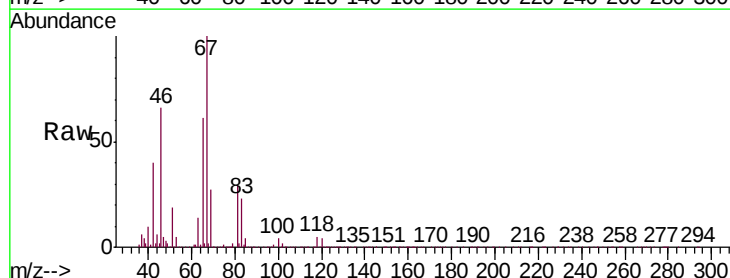
Tgt Ion: 83 Resp: 34765

Ion Ratio Lower Upper

83 100

55 1.1 71.8 107.6#

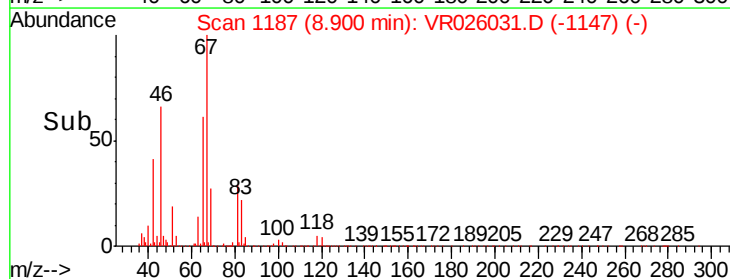
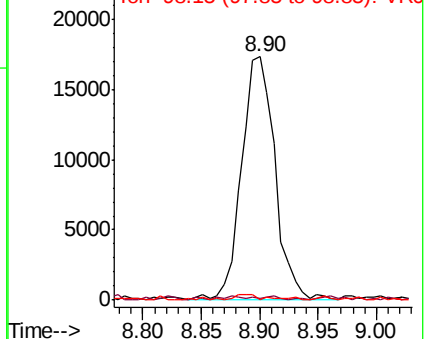
98 1.2 34.2 51.4#

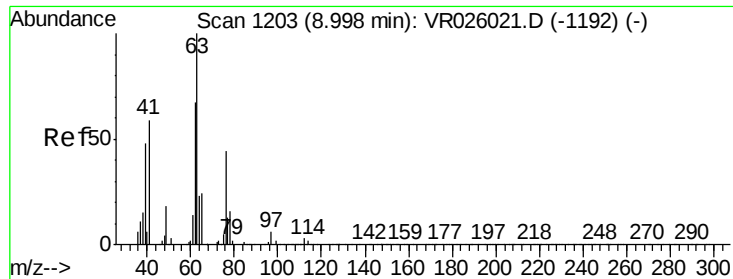


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

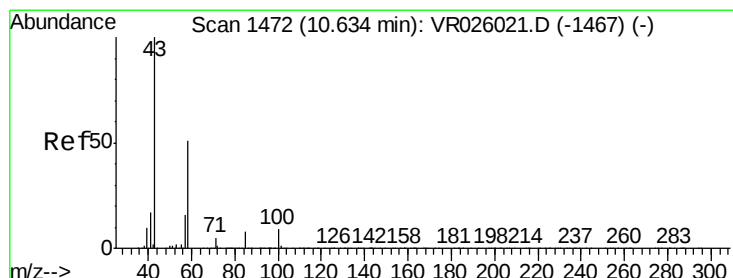
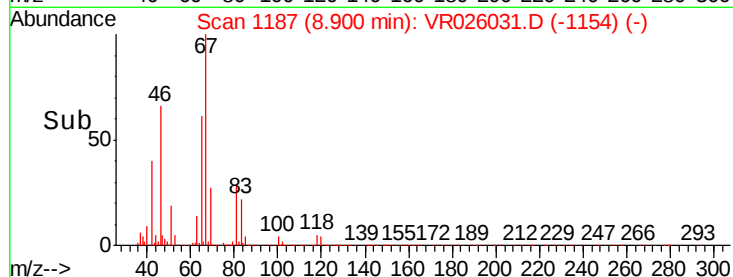
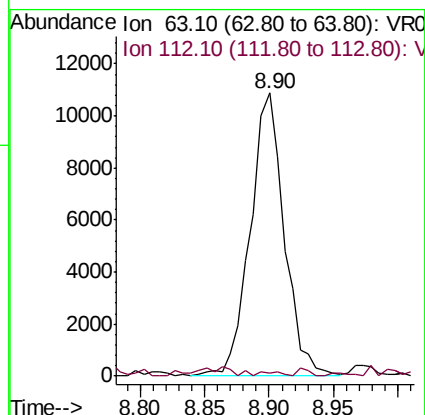
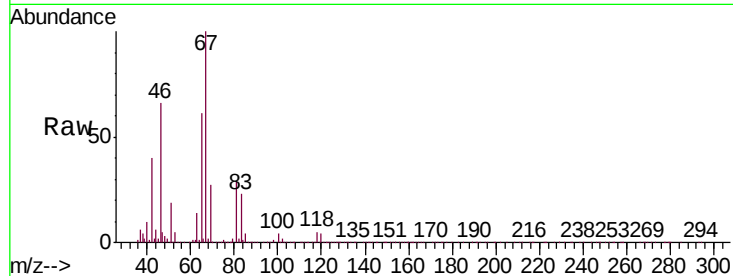




#37
 1,2-Dichloropropane
 Concen: 0.765 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR026031.D
 Acq: 10 Oct 2018 16:07

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Tgt Ion: 63 Resp: 19751
 Ion Ratio Lower Upper
 63 100
 112 1.0 2.5 3.7#



#48
 2-Hexanone
 Concen: 3.443 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026031.D
 Acq: 10 Oct 2018 16:07

Tgt Ion: 43 Resp: 20464
 Ion Ratio Lower Upper
 43 100
 58 26.1 39.5 59.3#
 57 26.4 14.6 21.8#
 100 2.1 6.7 10.1#

