

Data File : VR026511.D
Acq On : 8 Apr 2019 16:41
Operator : SY/MD
Sample : K2282-21
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

Quant Time: Apr 09 01:42:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 09 01:39:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	638117	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	523026	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	166543	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	203926	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	2.62	69	184112	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	3.61	63	427398	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	6.59	46	230543	53.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.66%
24) Chloroform-d	7.20	84	430138	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	7.90	65	192252	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	7.85	84	800060	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	8.89	67	215342	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	9.97	98	738286	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	10.23	79	51140	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	10.59	63	197750	64.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.44%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	84537	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	150550	5.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.40%

Target Compounds

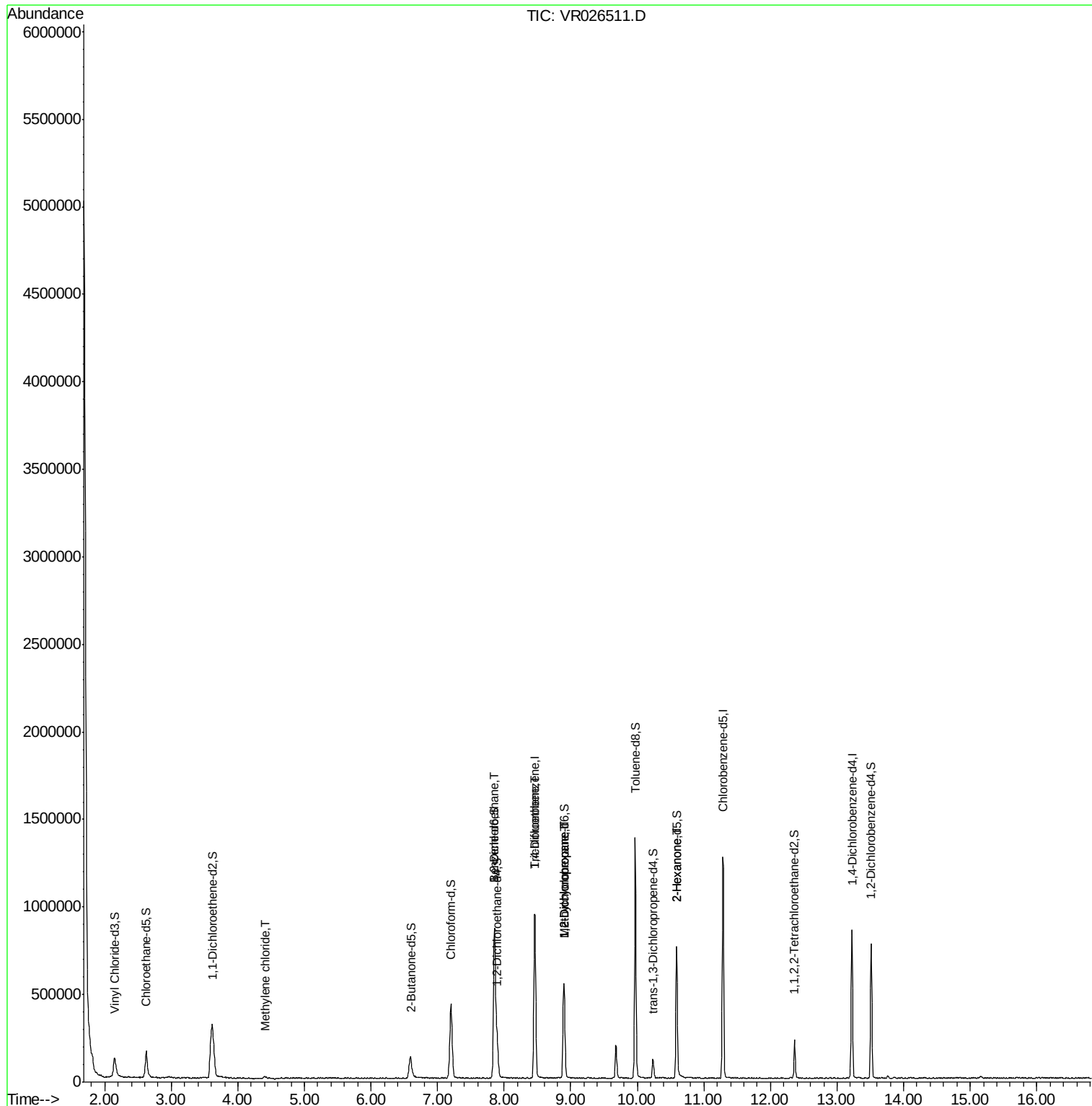
					Qvalue
16) Methylene chloride	4.40	84	8968	0.178 ug/L #	62
27) 1,2-Dichloroethane	7.85	62	7280	0.154 ug/L	97
34) Trichloroethene	8.46	95	23398	0.427 ug/L #	12
35) Methylcyclohexane	8.90	83	50991	0.653 ug/L #	15
37) 1,2-Dichloropropane	8.90	63	29119	0.650 ug/L #	93
48) 2-Hexanone	10.59	43	34110	3.907 ug/L #	73

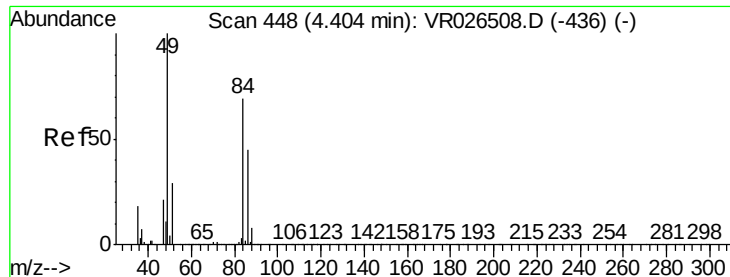
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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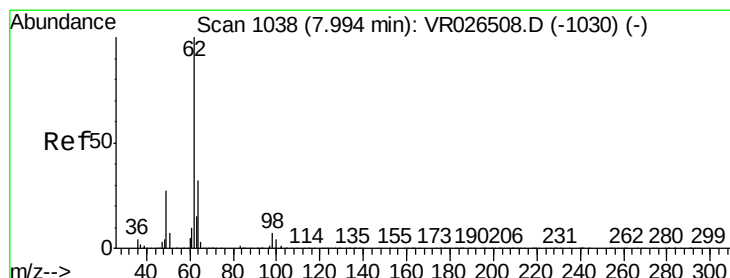
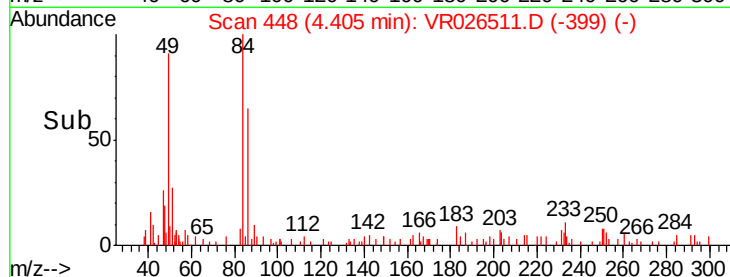
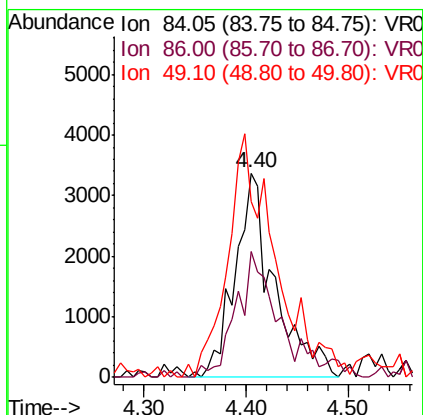
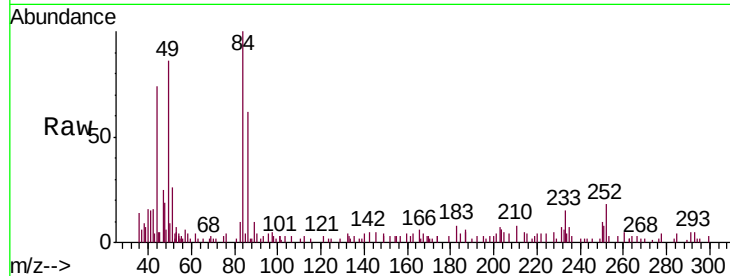




#16
Methylene chloride
Concen: 0.178 ug/L
RT: 4.40 min Scan# 448
Delta R.T. 0.00 min
Lab File: VR026511.D
Acq: 8 Apr 2019 16:41

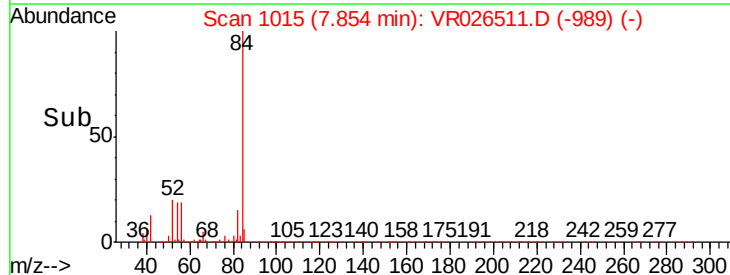
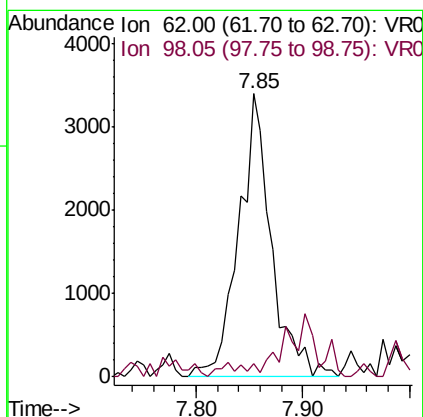
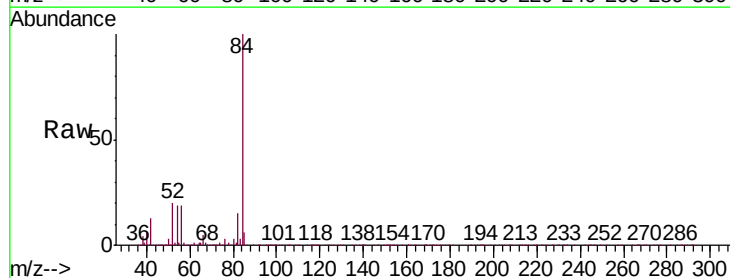
Instrument :
MSVOA_R
ClientSampled :
VHBLK01

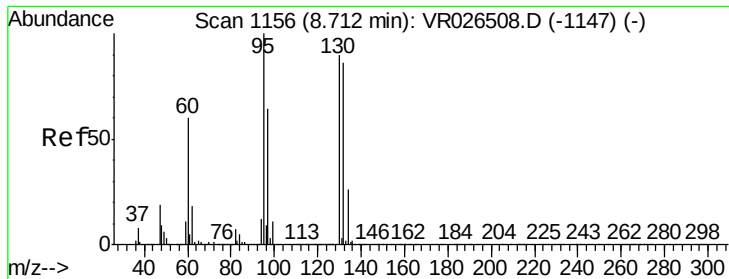
Tgt Ion: 84 Resp: 8968
Ion Ratio Lower Upper
84 100
86 61.6 45.6 84.6
49 85.9 106.5 197.9#



#27
1,2-Dichloroethane
Concen: 0.154 ug/L
RT: 7.85 min Scan# 1015
Delta R.T. -0.14 min
Lab File: VR026511.D
Acq: 8 Apr 2019 16:41

Tgt Ion: 62 Resp: 7280
Ion Ratio Lower Upper
62 100
98 4.9 4.8 7.2





#34

Trichloroethene

Concen: 0.427 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.26 min

Lab File: VR026511.D

Acq: 8 Apr 2019 16:41

Instrument :

MSVOA_R

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 23398

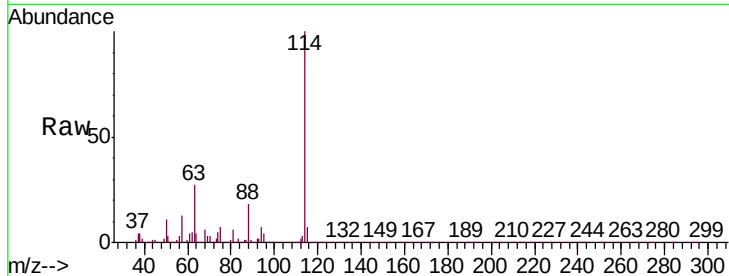
Ion Ratio Lower Upper

95 100

97 0.8 43.8 81.3#

132 0.9 57.2 106.2#

130 0.4 59.7 110.9#

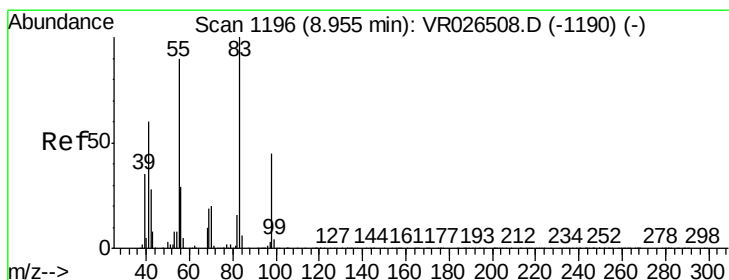
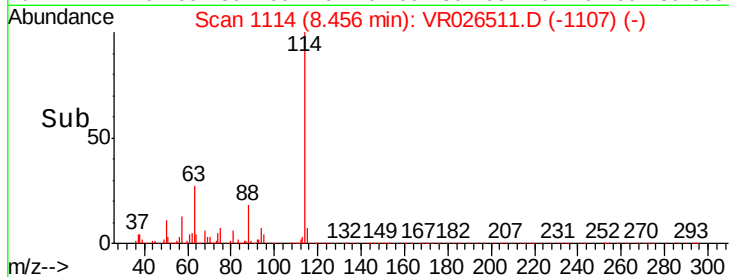
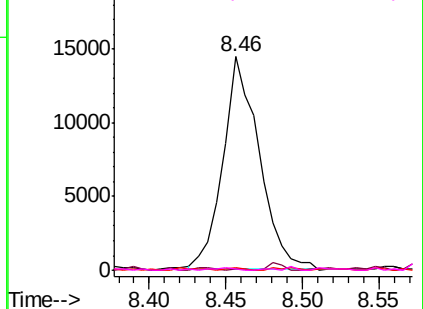


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.653 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026511.D

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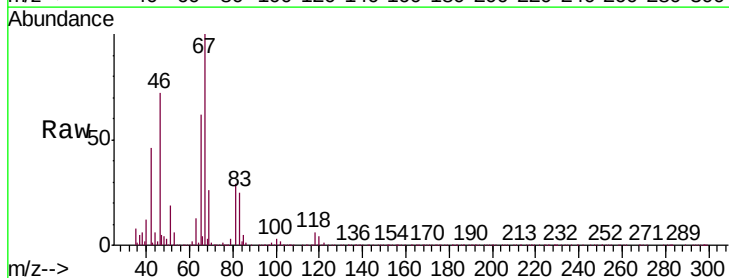
Tgt Ion: 83 Resp: 50991

Ion Ratio Lower Upper

83 100

55 1.2 73.8 110.6#

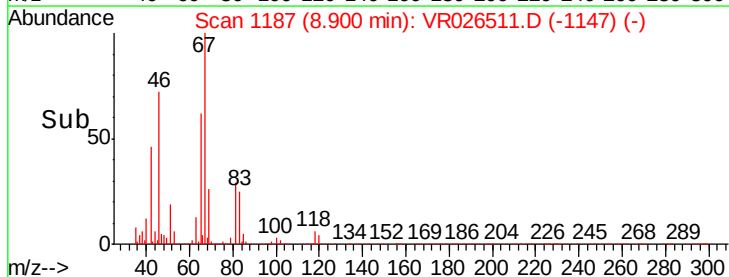
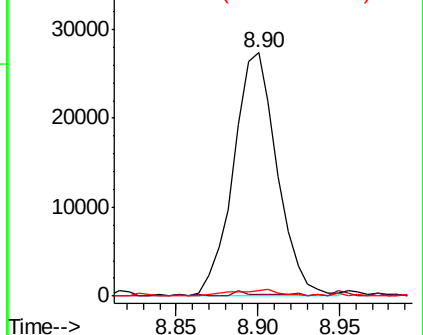
98 3.0 34.6 51.8#

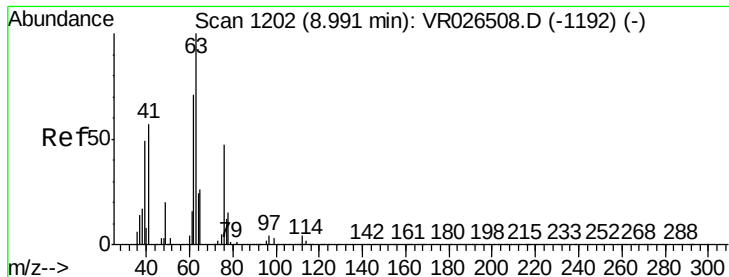


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

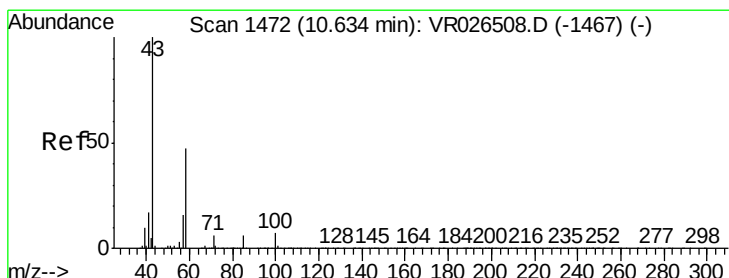
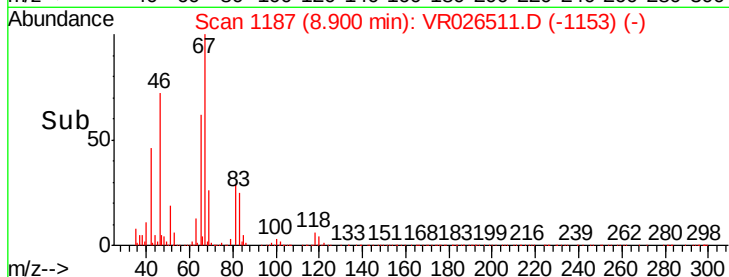
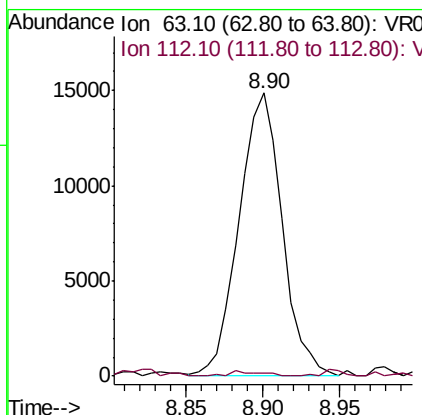
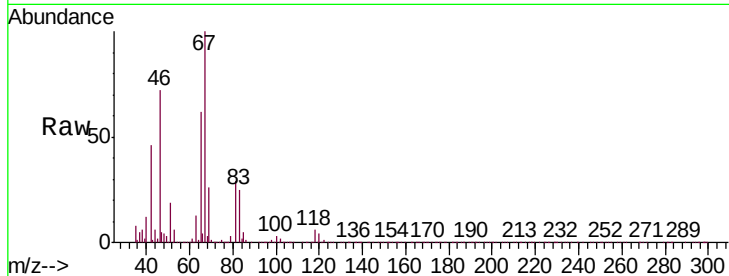




#37
 1,2-Dichloropropane
 Concen: 0.650 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
 Lab File: VR026511.D
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Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Tgt Ion: 63 Resp: 29119
 Ion Ratio Lower Upper
 63 100
 112 1.3 2.8 4.2#



#48
 2-Hexanone
 Concen: 3.907 ug/L
 RT: 10.59 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: VR026511.D
 Acq: 8 Apr 2019 16:41

Tgt Ion: 43 Resp: 34110
 Ion Ratio Lower Upper
 43 100
 58 27.3 38.2 57.2#
 57 28.6 13.8 20.6#
 100 4.9 6.2 9.2#

