

Data File : VR026528.D
Acq On : 9 Apr 2019 21:58
Operator : SY/MD
Sample : K2285-12
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEZD0

Quant Time: Apr 10 05:47:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 05:42:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	575515	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	474903	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	141120	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	169329	3.87	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	2.62	69	154522	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	3.61	63	334283	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	6.59	46	166846	42.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.60%
24) Chloroform-d	7.20	84	349209	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	7.89	65	151728	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	7.85	84	620883	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	8.90	67	173075	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	9.97	98	536735	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	10.24	79	31162	2.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.80%
46) 2-Hexanone-d5	10.59	63	138451	49.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.04%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64891	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	113756	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

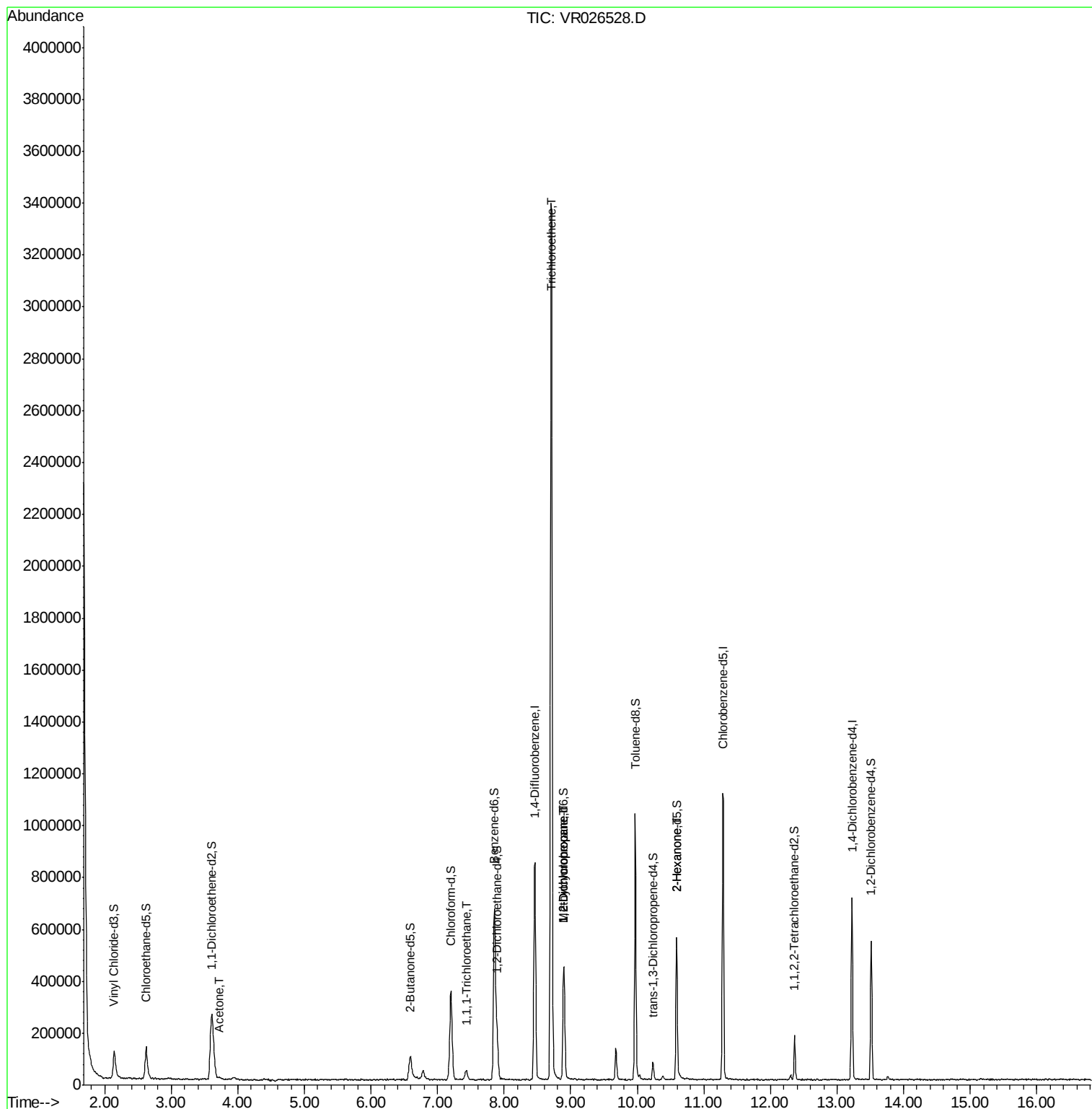
					Qvalue
13) Acetone	3.71	43	6878	1.746	ug/L 99
29) 1,1,1-Trichloroethane	7.43	97	28734	0.367	ug/L 94
34) Trichloroethene	8.71	95	1055093	21.223	ug/L 95
35) Methylcyclohexane	8.89	83	43484	0.613	ug/L # 14
37) 1,2-Dichloropropane	8.89	63	24788	0.609	ug/L # 96
48) 2-Hexanone	10.59	43	24339	3.070	ug/L # 74

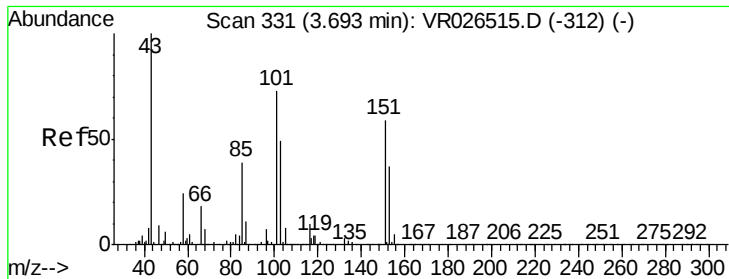
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.746 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.02 min

Lab File: VR026528.D

Acq: 9 Apr 2019 21:58

Instrument :

MSVOA_R

ClientSampled :

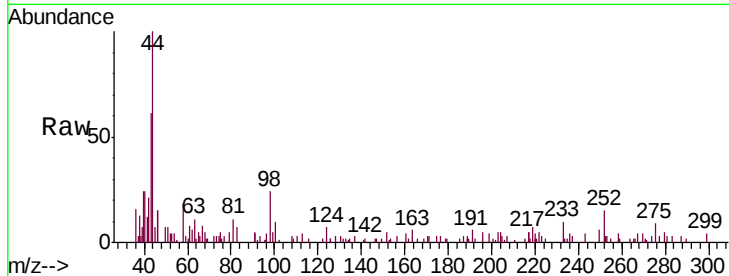
BEZD0

Tgt Ion: 43 Resp: 6878

Ion Ratio Lower Upper

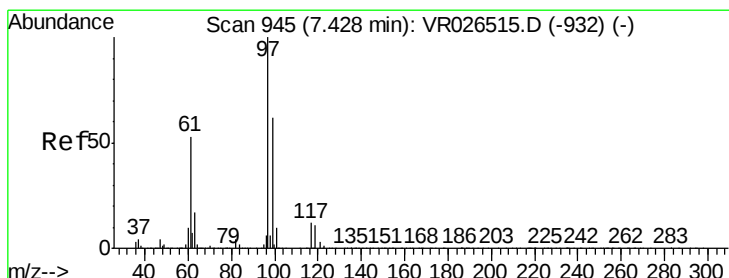
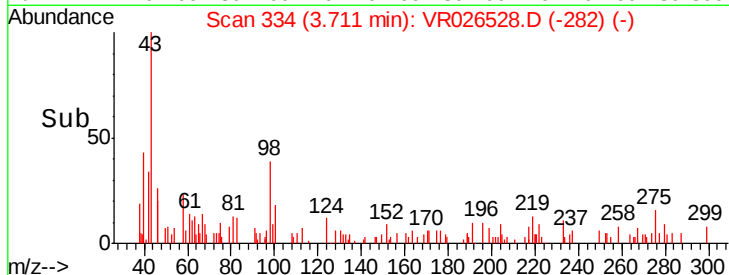
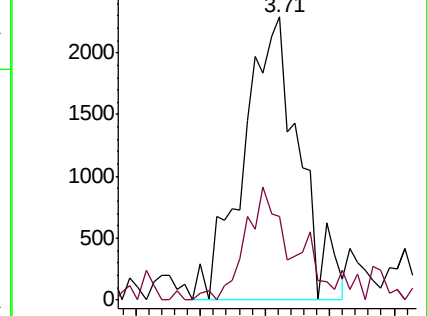
43 100

58 26.3 0.0 53.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#29

1,1,1-Trichloroethane

Concen: 0.367 ug/L

RT: 7.43 min Scan# 946

Delta R.T. 0.01 min

Lab File: VR026528.D

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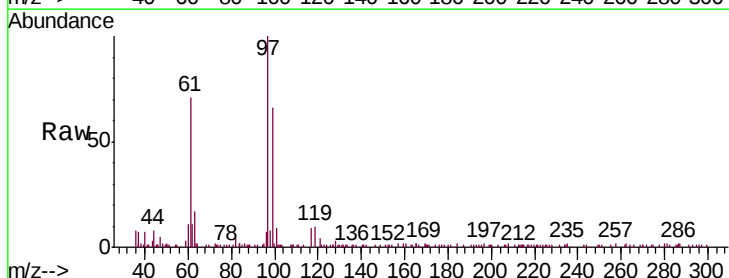
Tgt Ion: 97 Resp: 28734

Ion Ratio Lower Upper

97 100

99 65.5 49.6 74.4

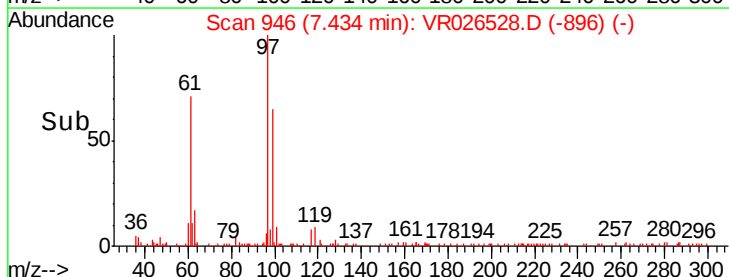
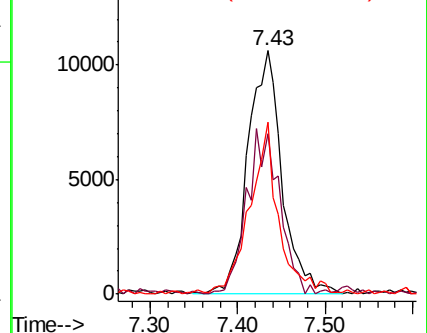
61 57.9 41.8 62.6

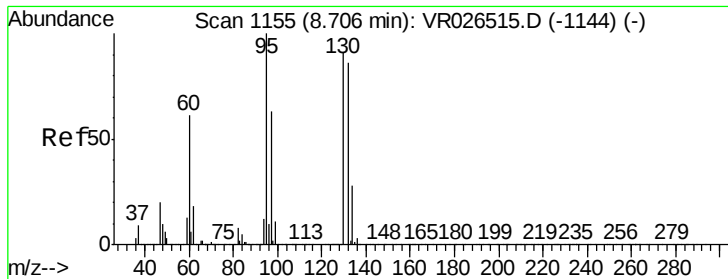


Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0





#34

Trichloroethene

Concen: 21.223 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VR026528.D

Acq: 9 Apr 2019 21:58

Instrument :

MSVOA_R

ClientSampleId :

BEZD0

Tgt Ion: 95 Resp: 1055093

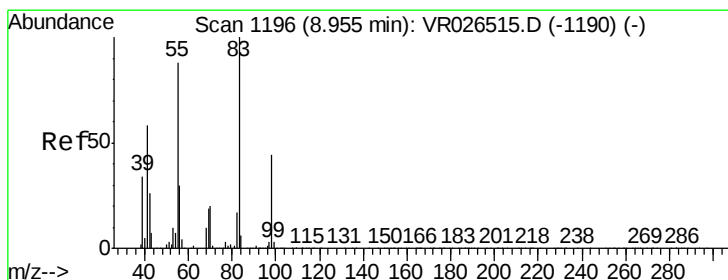
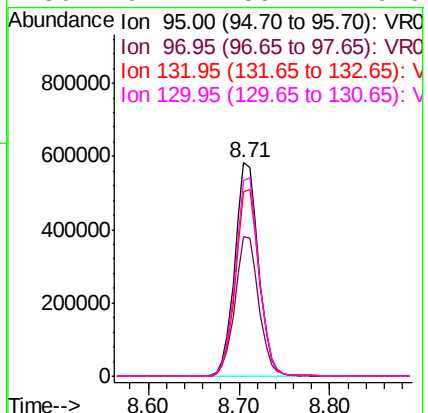
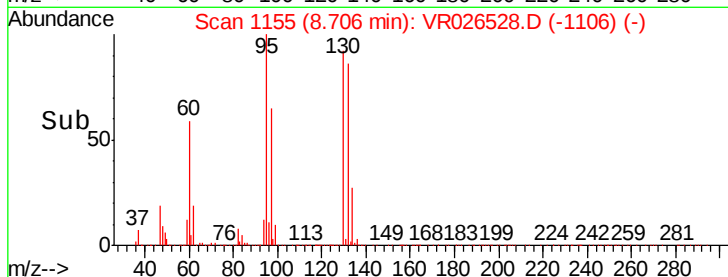
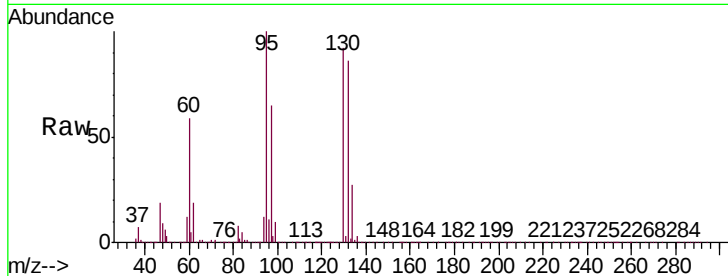
Ion Ratio Lower Upper

95 100

97 65.3 43.8 81.3

132 86.1 57.2 106.2

130 91.7 59.7 110.9



#35

Methylcyclohexane

Concen: 0.613 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

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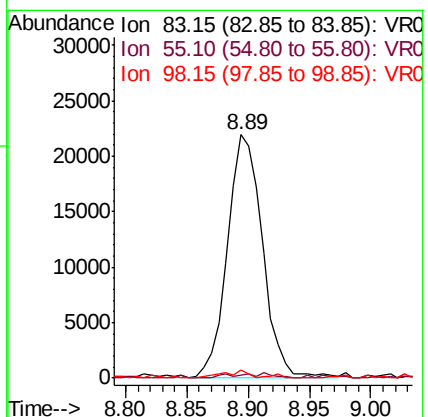
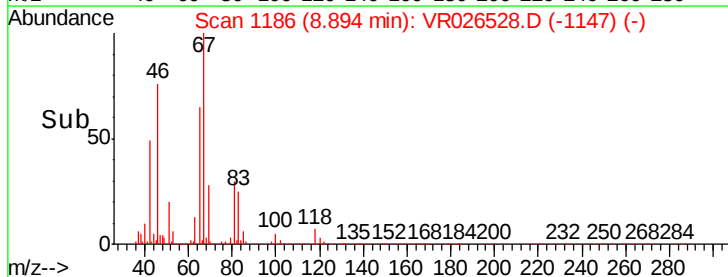
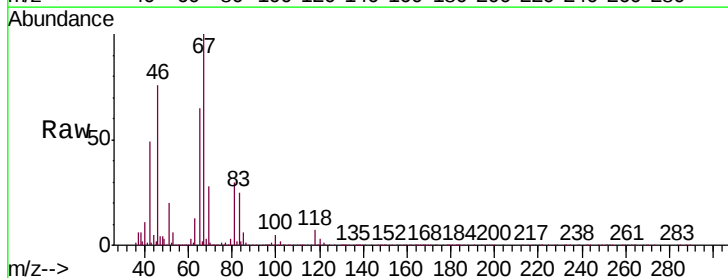
Tgt Ion: 83 Resp: 43484

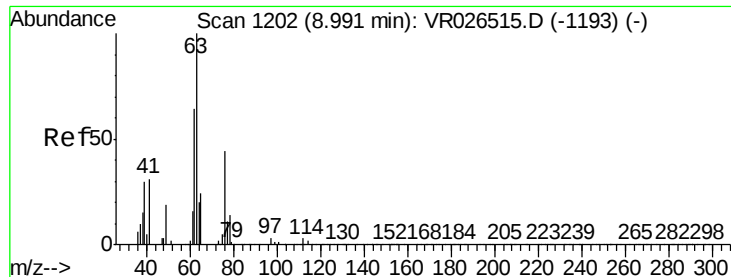
Ion Ratio Lower Upper

83 100

55 0.3 73.8 110.6#

98 2.4 34.6 51.8#

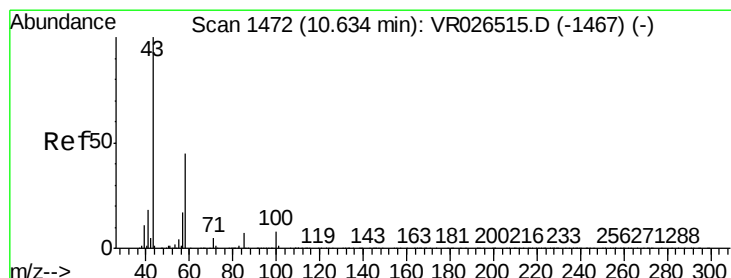
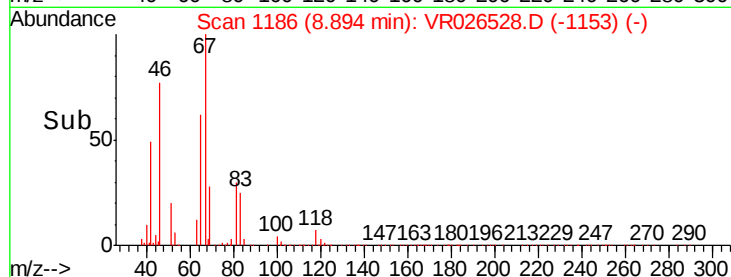
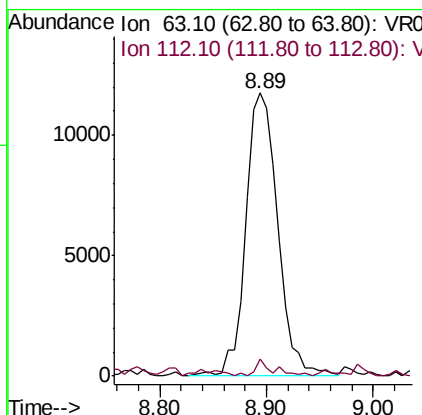
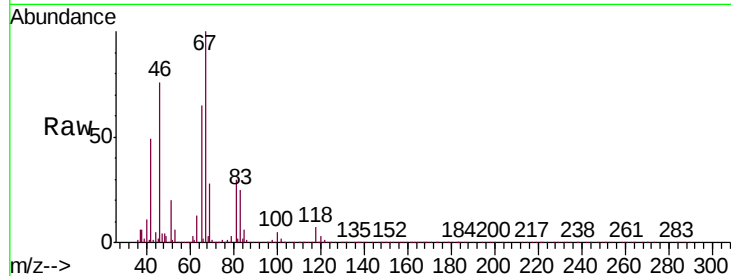




#37
 1,2-Dichloropropane
 Concen: 0.609 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR026528.D
 Acq: 9 Apr 2019 21:58

Instrument :
 MSVOA_R
 ClientSampleID :
 BEZD0

Tgt Ion: 63 Resp: 24788
 Ion Ratio Lower Upper
 63 100
 112 2.2 2.8 4.2#



#48
 2-Hexanone
 Concen: 3.070 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026528.D
 Acq: 9 Apr 2019 21:58

Tgt Ion: 43 Resp: 24339
 Ion Ratio Lower Upper
 43 100
 58 27.0 38.2 57.2#
 57 27.5 13.8 20.6#
 100 9.0 6.2 9.2

