

Data File : VR026526.D
Acq On : 9 Apr 2019 20:54
Operator : SY/MD
Sample : K2285-10
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEZC8

Quant Time: Apr 10 05:46:38 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	604024	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	494838	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	149468	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	184893	4.03	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	2.62	69	170267	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	3.60	63	387081	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	6.59	46	160760	39.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.58%
24) Chloroform-d	7.20	84	368904	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	7.89	65	153035	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	7.85	84	666744	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	8.89	67	178091	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	9.97	98	589289	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	10.24	79	32365	2.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.60%
46) 2-Hexanone-d5	10.59	63	133127	45.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.40%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69177	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	123218	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

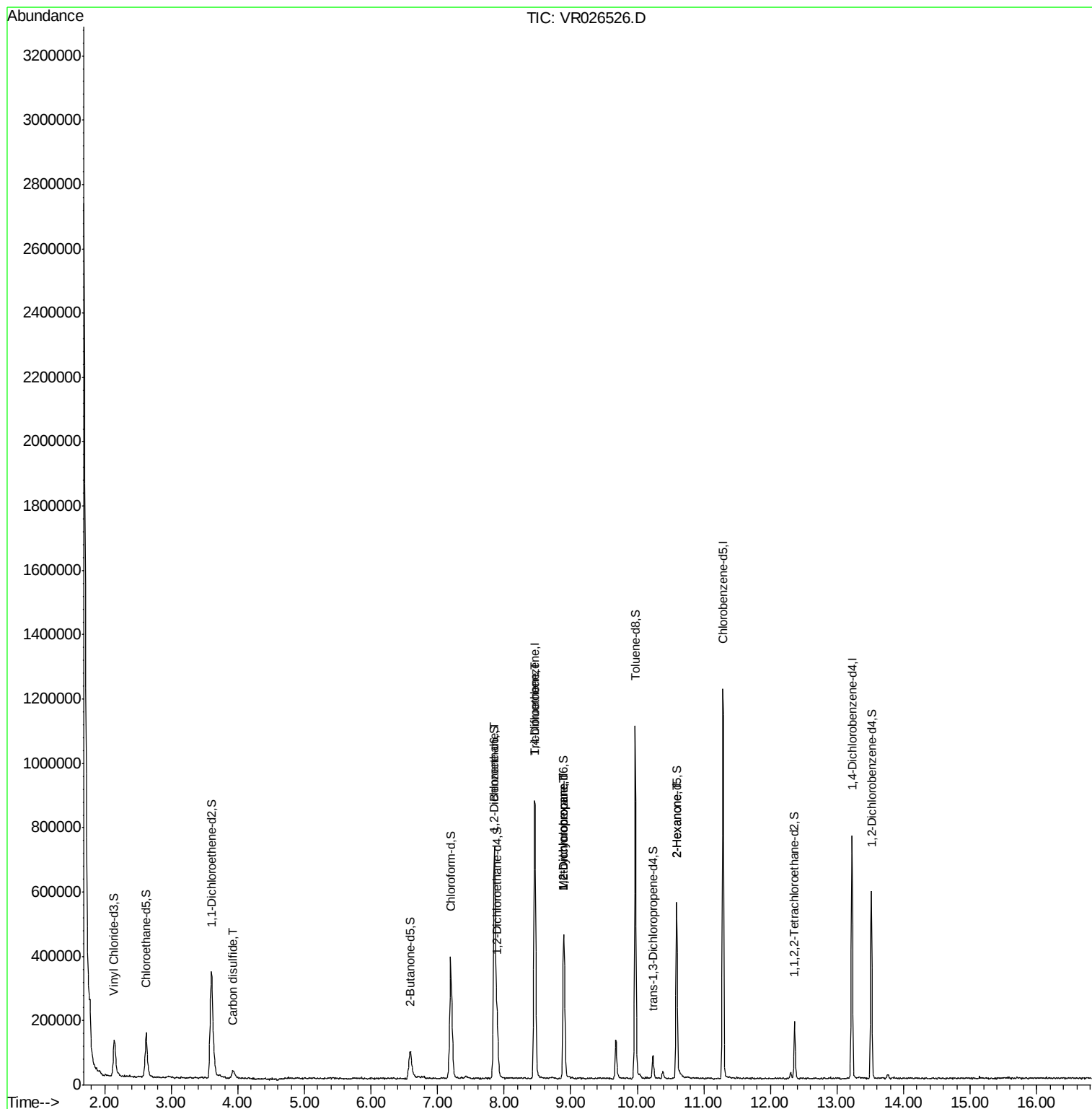
					Qvalue
14) Carbon disulfide	3.92	76	59123	0.380 ug/L	96
27) 1,2-Dichloroethane	7.84	62	5461	0.122 ug/L	100
34) Trichloroethene	8.46	95	21262	0.410 ug/L #	12
35) Methylcyclohexane	8.89	83	43376	0.587 ug/L #	14
37) 1,2-Dichloropropane	8.89	63	24752	0.584 ug/L #	95
48) 2-Hexanone	10.59	43	22850	2.766 ug/L #	71

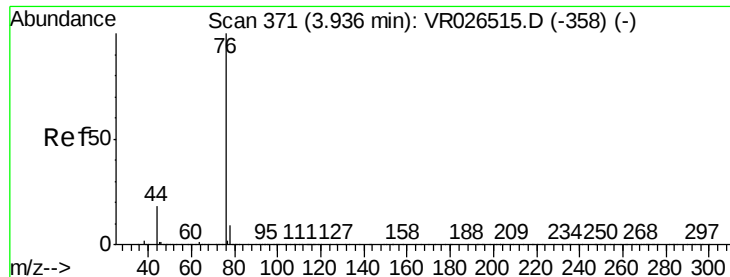
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.380 ug/L

RT: 3.92 min Scan# 369

Delta R.T. -0.01 min

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Instrument :

MSVOA_R

ClientSampleId :

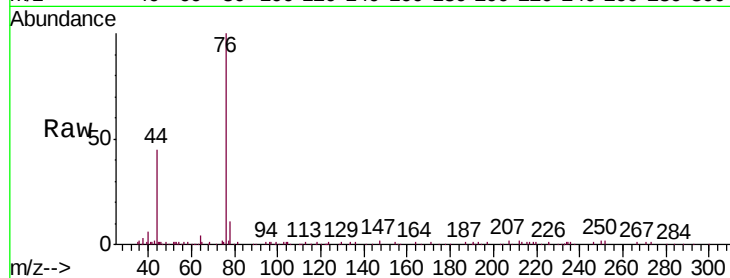
BEZC8

Tgt Ion: 76 Resp: 59123

Ion Ratio Lower Upper

76 100

78 10.9 7.7 11.5



Abundance Ion 76.05 (75.75 to 76.75): VR0

Ion 78.00 (77.70 to 78.70): VR0

20000

15000

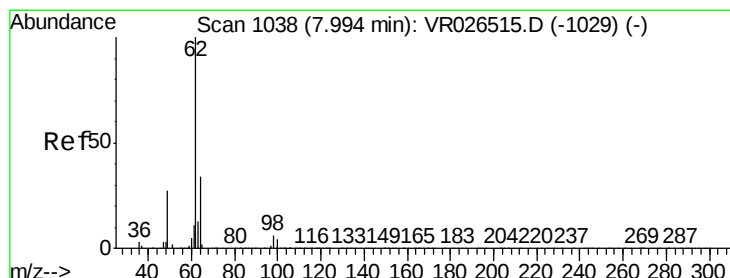
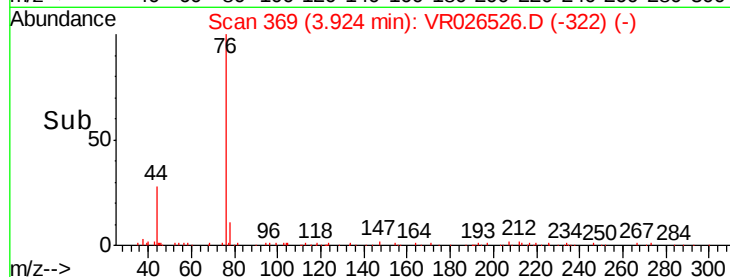
10000

5000

0

3.80 3.90 4.00 4.10

Time-->



#27

1,2-Dichloroethane

Concen: 0.122 ug/L

RT: 7.84 min Scan# 1013

Delta R.T. -0.15 min

Lab File: VR026526.D

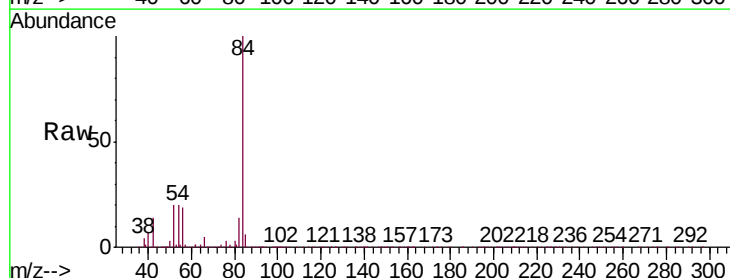
Acq: 9 Apr 2019 20:54

Tgt Ion: 62 Resp: 5461

Ion Ratio Lower Upper

62 100

98 6.1 4.8 7.2



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 98.05 (97.75 to 98.75): VR0

3000

2500

2000

1500

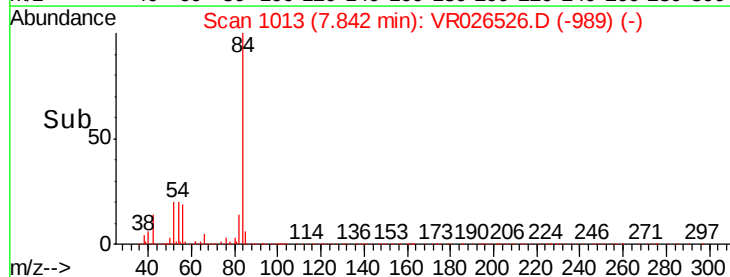
1000

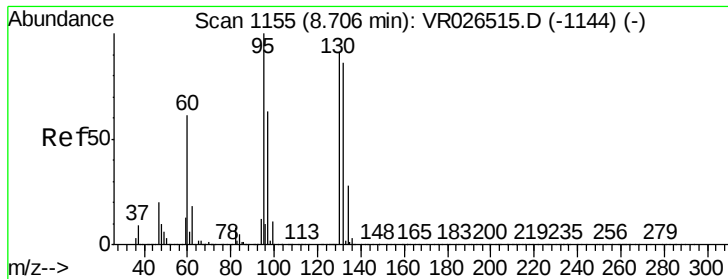
500

0

7.80 7.85 7.90

Time-->





#34

Trichloroethene

Concen: 0.410 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

Lab File: VR026526.D

Acq: 9 Apr 2019 20:54

Instrument :

MSVOA_R

ClientSampleId :

BEZC8

Tgt Ion: 95 Resp: 21262

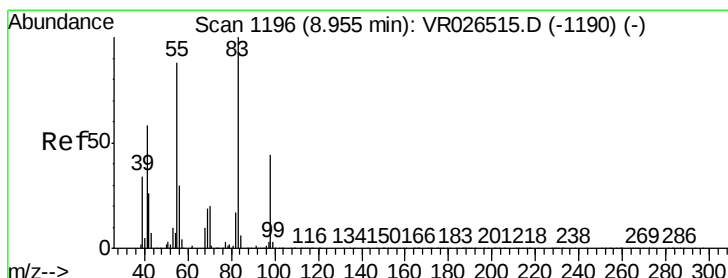
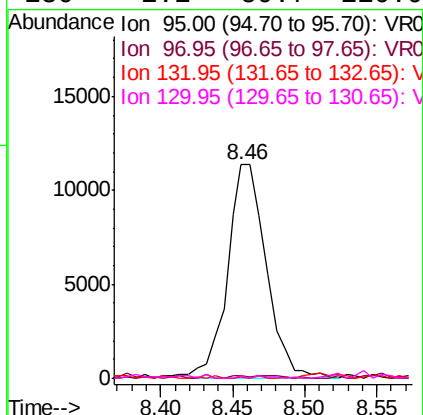
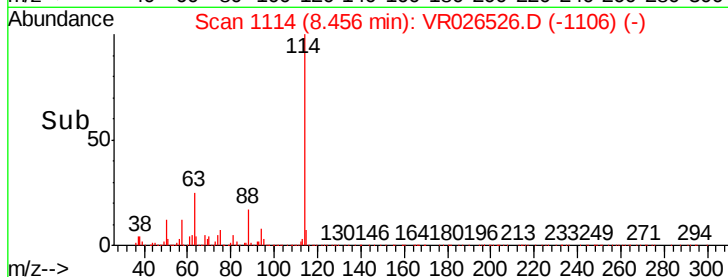
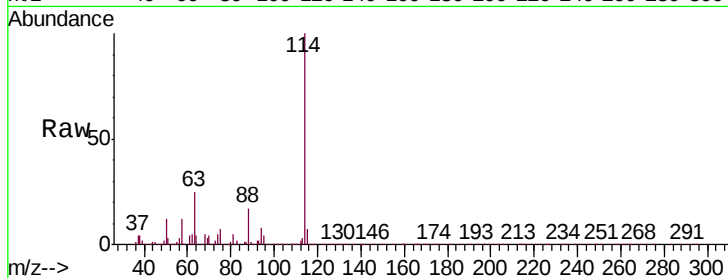
Ion Ratio Lower Upper

95 100

97 1.3 43.8 81.3#

132 0.9 57.2 106.2#

130 1.1 59.7 110.9#



#35

Methylcyclohexane

Concen: 0.587 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

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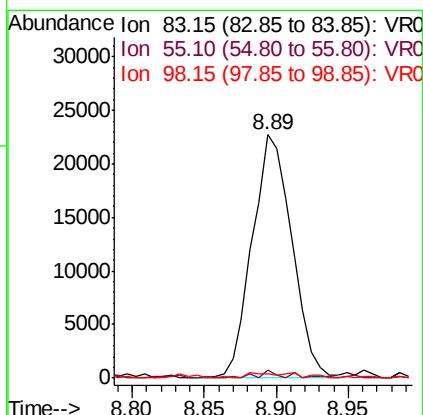
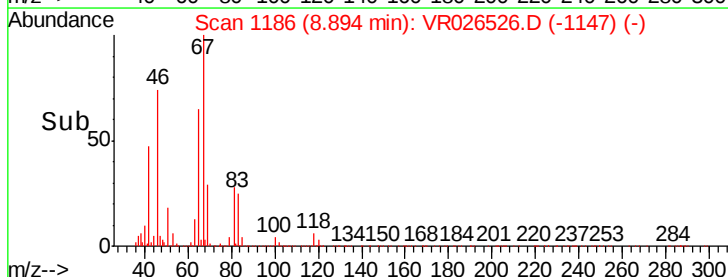
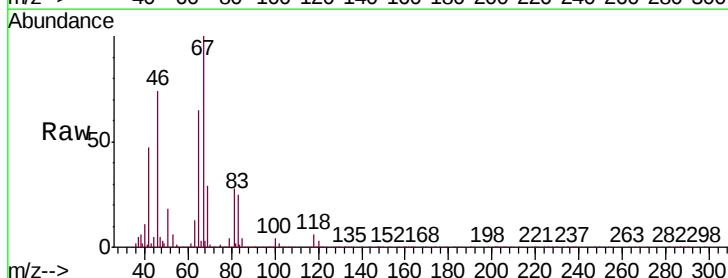
Tgt Ion: 83 Resp: 43376

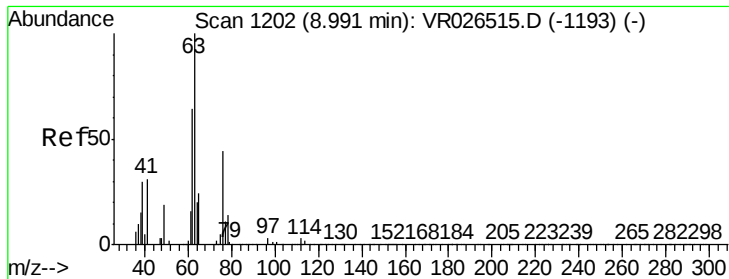
Ion Ratio Lower Upper

83 100

55 1.4 73.8 110.6#

98 0.0 34.6 51.8#

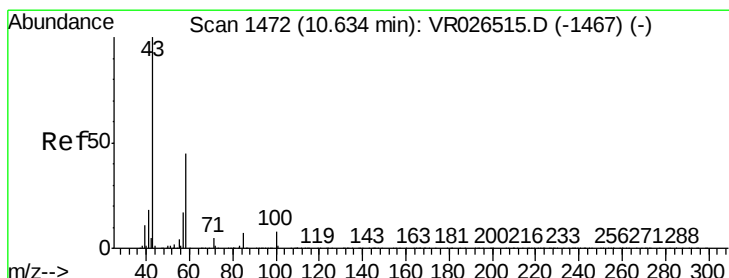
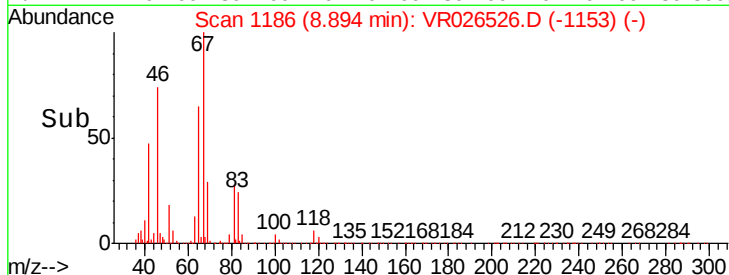
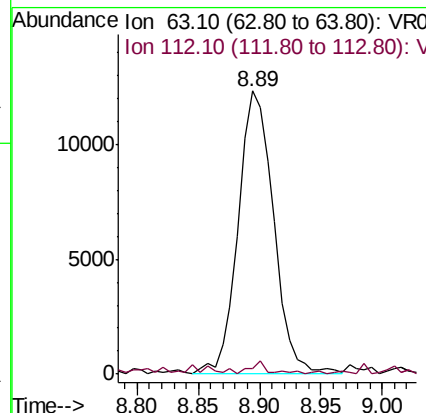
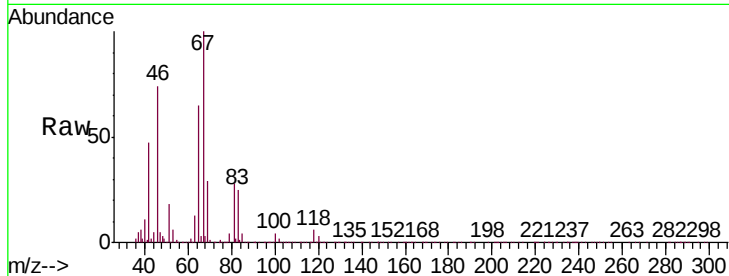




#37
 1,2-Dichloropropane
 Concen: 0.584 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR026526.D
 Acq: 9 Apr 2019 20:54

Instrument :
 MSVOA_R
 ClientSampled :
 BEZC8

Tgt Ion: 63 Resp: 24752
 Ion Ratio Lower Upper
 63 100
 112 1.8 2.8 4.2#



#48
 2-Hexanone
 Concen: 2.766 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026526.D
 Acq: 9 Apr 2019 20:54

Tgt Ion: 43 Resp: 22850
 Ion Ratio Lower Upper
 43 100
 58 27.3 38.2 57.2#
 57 33.5 13.8 20.6#
 100 6.3 6.2 9.2

