

Data File : VR025809.D
Acq On : 21 Sep 2018 20:18
Operator : SY/MD
Sample : J4989-07
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ETOR9

Quant Time: Sep 22 04:38:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 22 04:37:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	472921	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	370822	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	125219	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	149567	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	2.62	69	123872	4.66	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	3.62	63	254310	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	6.59	46	221866	49.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.30%
24) Chloroform-d	7.20	84	302616	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	7.89	65	142977	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	7.85	84	635596	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	8.90	67	179565	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	9.97	98	561880	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	10.24	79	40915	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	10.59	63	168992	48.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.40%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67117	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	100262	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

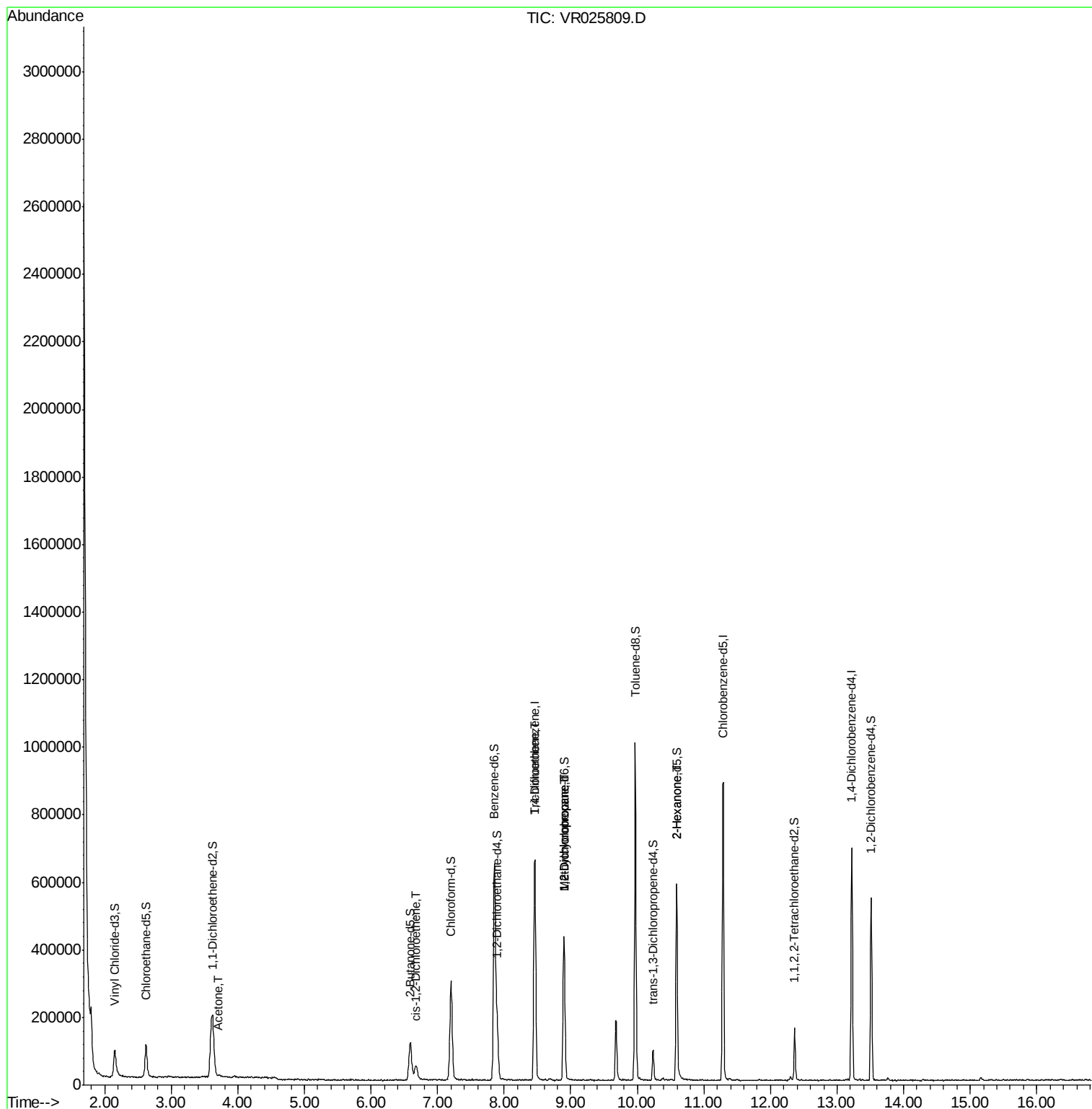
					Qvalue
13) Acetone	3.70	43	3987	1.338	ug/L 80
22) cis-1,2-Dichloroethene	6.67	96	19862	0.427	ug/L # 97
34) Trichloroethene	8.46	95	17633	0.341	ug/L # 14
35) Methylcyclohexane	8.90	83	41478	0.490	ug/L # 16
37) 1,2-Dichloropropane	8.90	63	22358	0.515	ug/L # 91
48) 2-Hexanone	10.59	43	24978	2.513	ug/L # 71

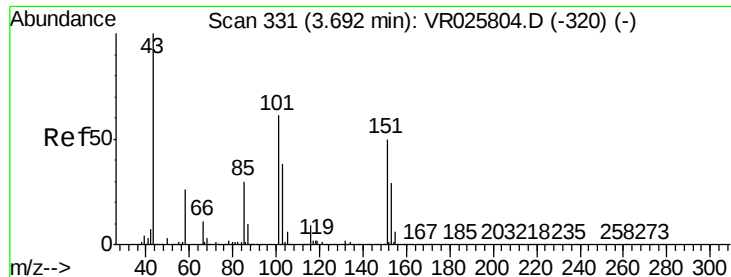
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.338 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

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Instrument :

MSVOA_R

ClientSampleId :

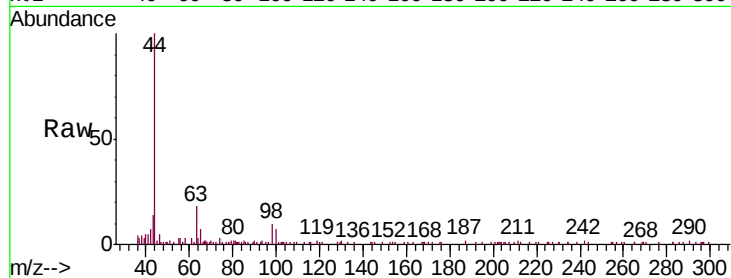
ET0R9

Tgt Ion: 43 Resp: 3987

Ion Ratio Lower Upper

43 100

58 15.3 0.0 51.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

3.70

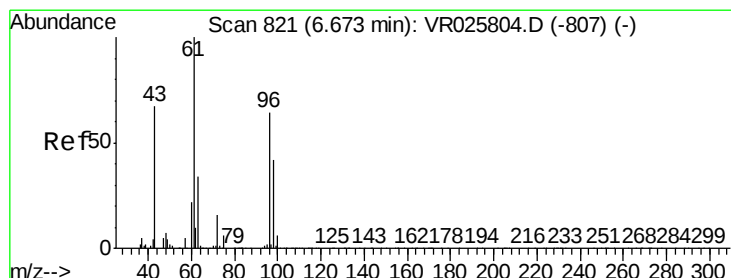
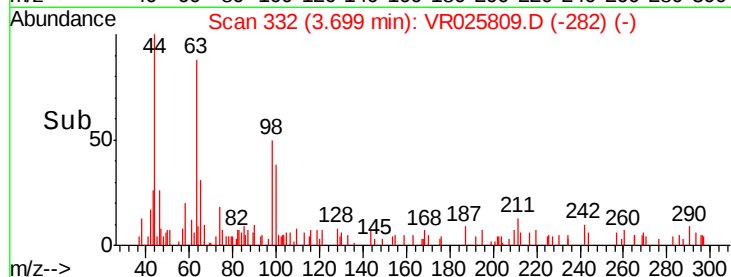
1000

500

0

Time-->

3.65 3.70 3.75



#22

cis-1,2-Dichloroethene

Concen: 0.427 ug/L

RT: 6.67 min Scan# 820

Delta R.T. -0.01 min

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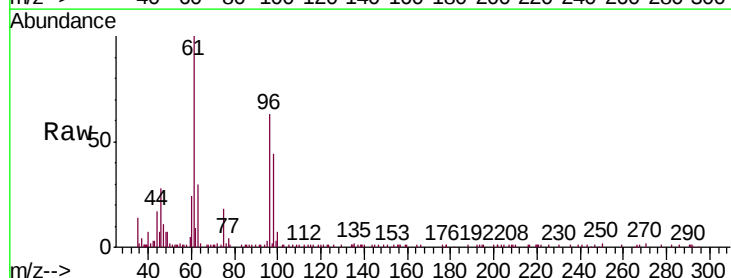
Tgt Ion: 96 Resp: 19862

Ion Ratio Lower Upper

96 100

61 159.4 108.7 201.9

68 1.7 0.1 0.1#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0

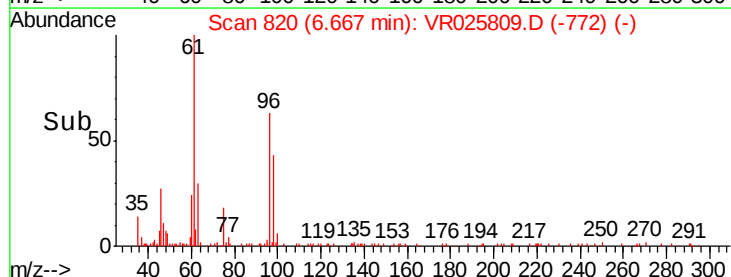
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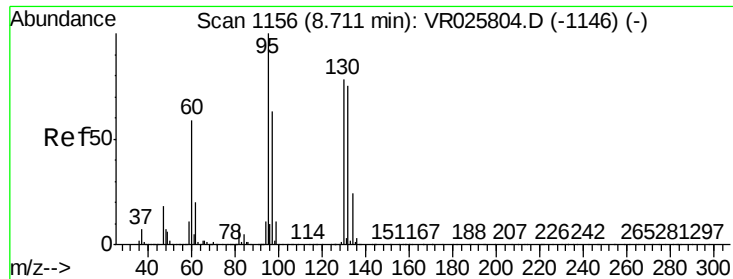
5000

0

Time-->

6.60 6.67 6.80

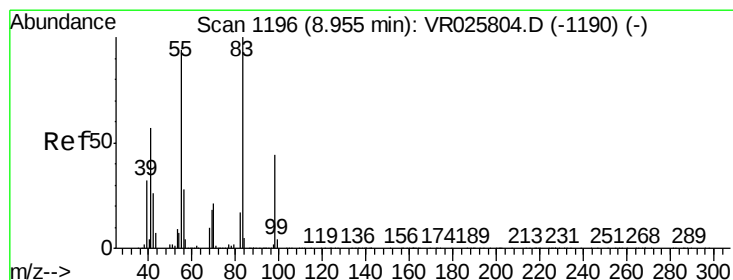
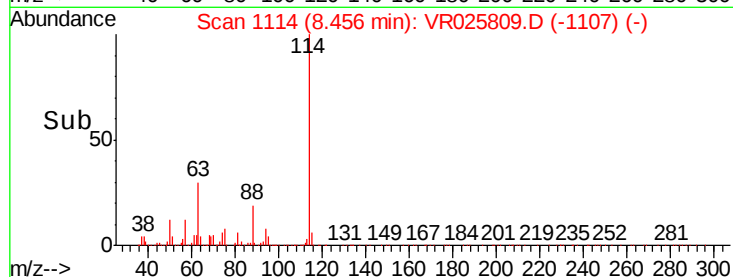
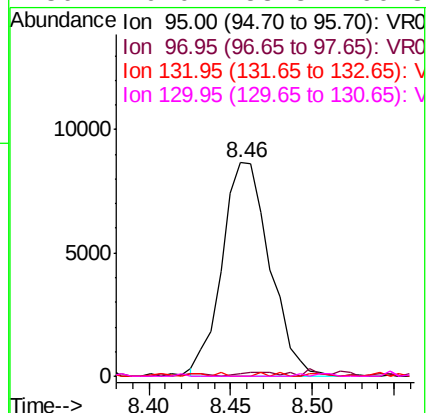
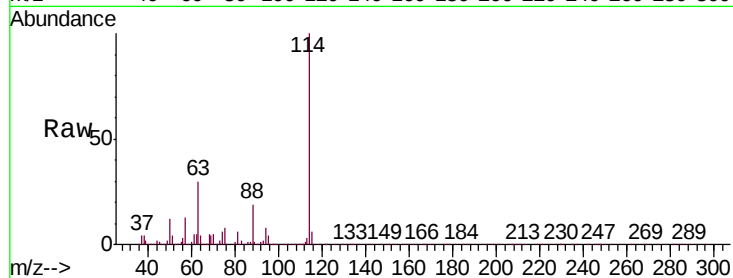




#34
 Trichloroethene
 Concen: 0.341 ug/L
 RT: 8.46 min Scan# 1114
 Delta R.T. -0.26 min
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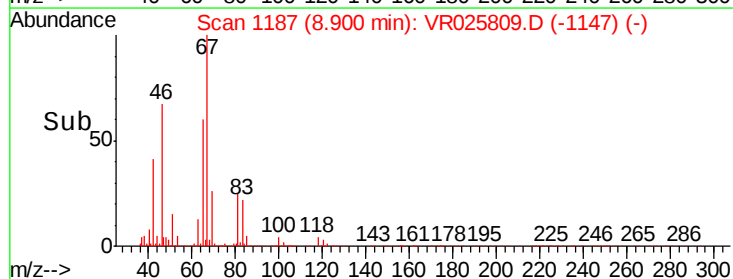
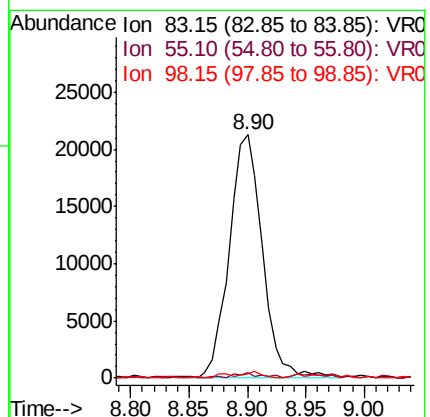
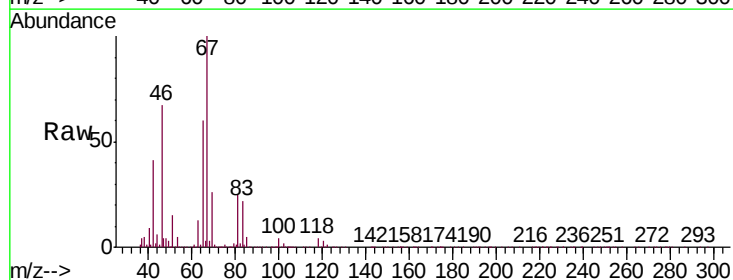
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 MSVOA_R
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 ET0R9

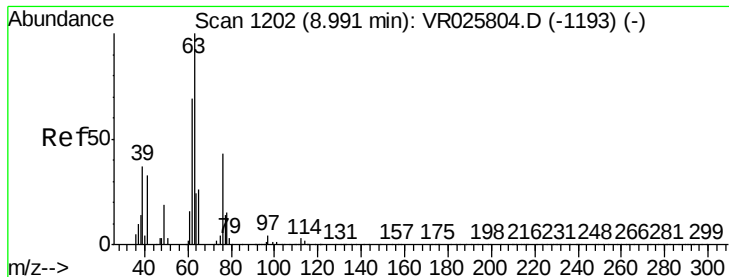
Tgt Ion:	95	Resp:	17633
Ion	Ratio	Lower	Upper
95	100		
97	1.5	43.9	81.5#
132	0.0	53.3	98.9#
130	0.0	53.8	99.8#



#35
 Methylcyclohexane
 Concen: 0.490 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.05 min
 Lab File: VR025809.D
 Acq: 21 Sep 2018 20:18

Tgt Ion:	83	Resp:	41478
Ion	Ratio	Lower	Upper
83	100		
55	2.0	71.8	107.6#
98	1.4	34.2	51.4#

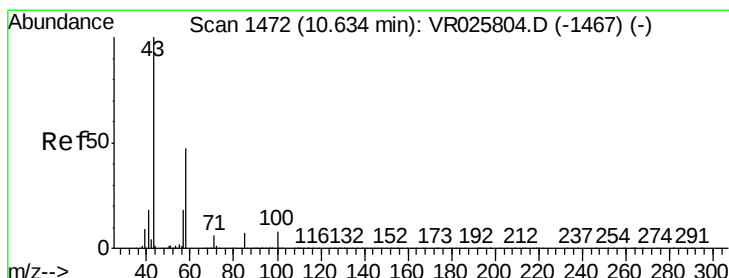
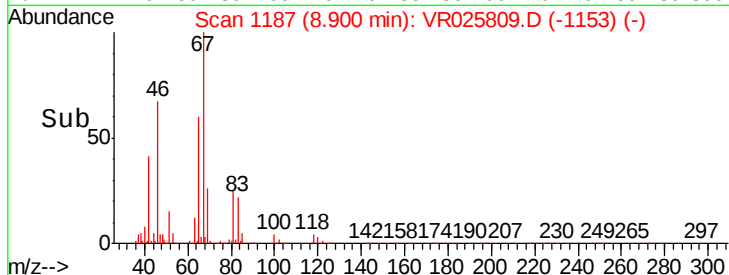
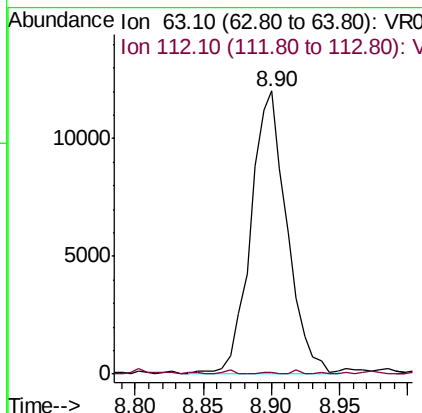
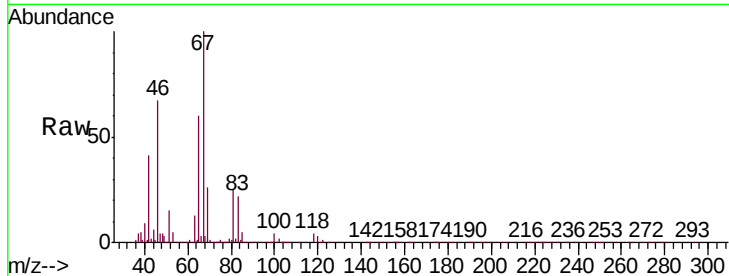




#37
 1,2-Dichloropropane
 Concen: 0.515 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
 Lab File: VR025809.D
 Acq: 21 Sep 2018 20:18

Instrument :
 MSVOA_R
 ClientSampled :
 ET0R9

Tgt Ion: 63 Resp: 22358
 Ion Ratio Lower Upper
 63 100
 112 0.3 2.5 3.7#



#48
 2-Hexanone
 Concen: 2.513 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR025809.D
 Acq: 21 Sep 2018 20:18

Tgt Ion: 43 Resp: 24978
 Ion Ratio Lower Upper
 43 100
 58 23.4 39.5 59.3#
 57 21.1 14.6 21.8
 100 0.3 6.7 10.1#

