

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091218\
 Data File : VR025700.D
 Acq On : 12 Sep 2018 18:24
 Operator : SY/MD
 Sample : J4863-06
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KM5

Quant Time: Sep 13 04:09:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 03:48:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	692344	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	581751	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	175977	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	115861	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	2.63	69	100318	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	3.63	63	255111	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	6.59	46	151754	49.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.88%
24) Chloroform-d	7.20	84	299248	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	7.90	65	108801	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	7.86	84	713066	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	8.90	67	203396	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	9.97	98	655503	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	10.24	79	39185	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	10.59	63	167562	53.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.16%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83181	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	144481	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

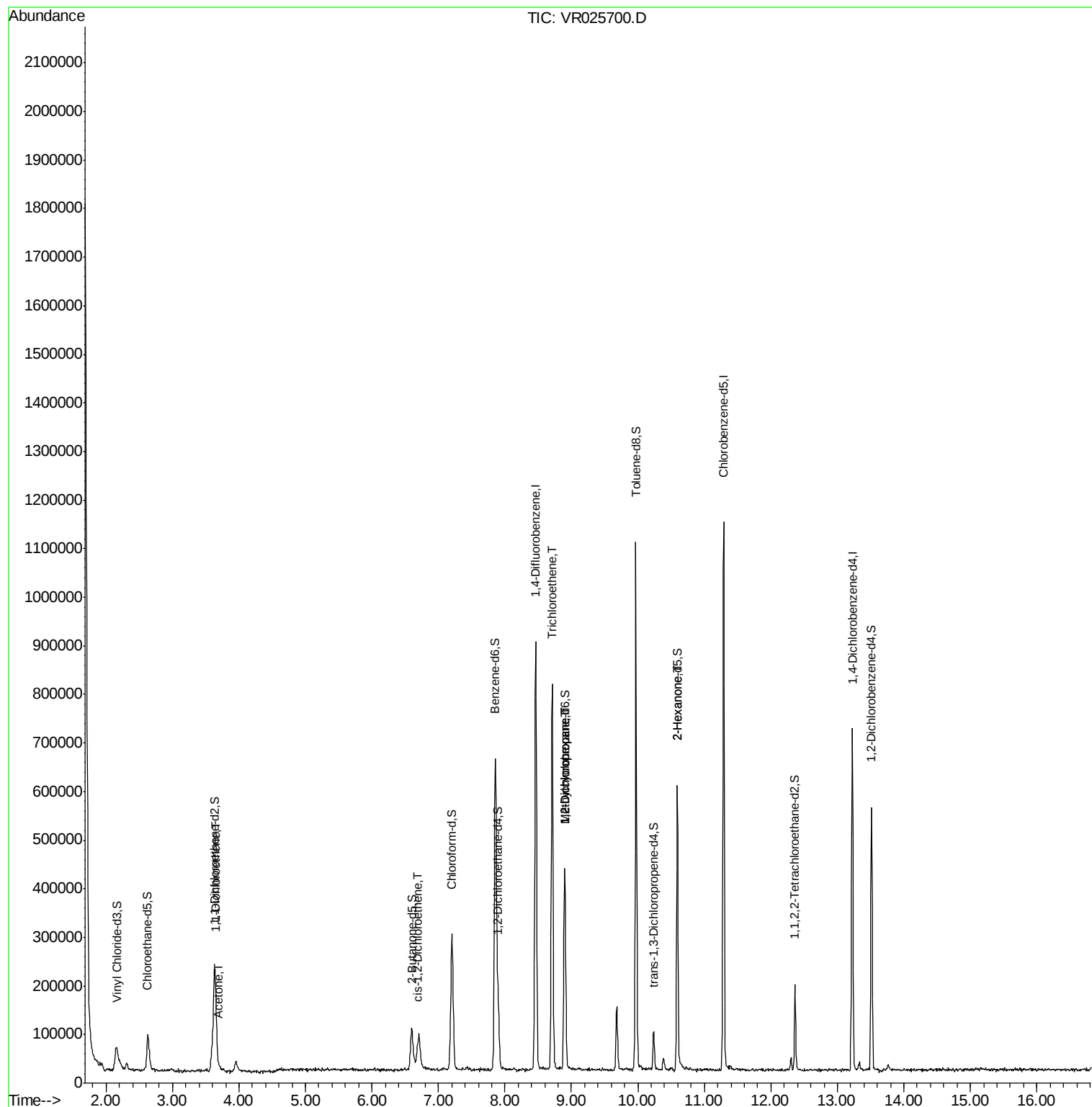
					Ovalue
12) 1,1-Dichloroethene	3.65	96	15226	0.34 ug/L	# 1
13) Acetone	3.70	43	7423	3.63 ug/L	79
22) cis-1,2-Dichloroethene	6.67	96	4946	0.10 ug/L	# 100
34) Trichloroethene	8.71	95	259907	5.17 ug/L	97
35) Methylcyclohexane	8.90	83	46230	0.60 ug/L	# 22
37) 1,2-Dichloropropane	8.89	63	18355	0.39 ug/L	# 95
48) 2-Hexanone	10.59	43	19397	2.39 ug/L	# 61

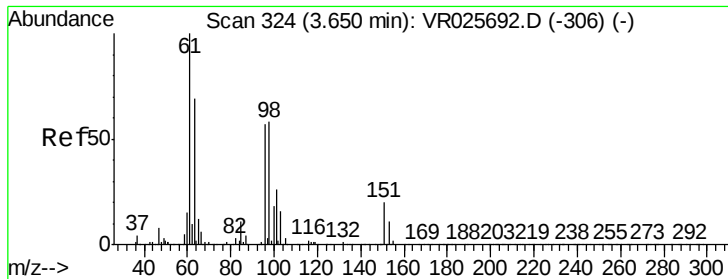
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 13 03:48:20 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.34 ug/L

RT: 3.65 min Scan# 324

Delta R.T. 0.00 min

Lab File: VR025700.D

Acq: 12 Sep 2018 18:24

Instrument :

MSVOA_R

ClientSampleId :

C0KM5

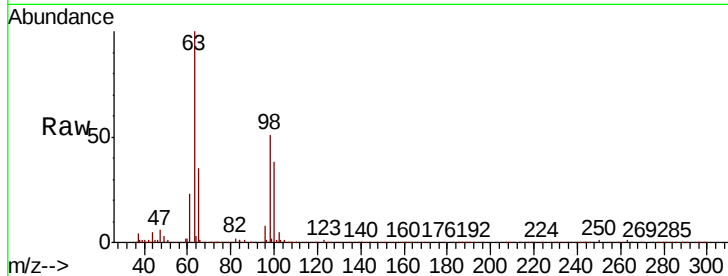
Tot Ion: 96 Resp: 15226

Ion Ratio Lower Upper

96 100

61 252.1 128.4 238.4#

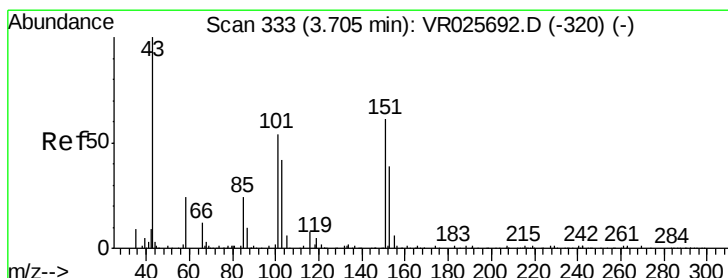
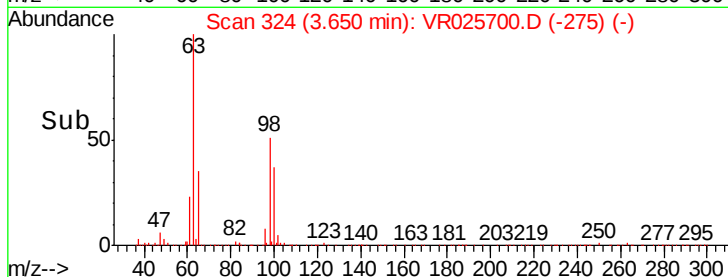
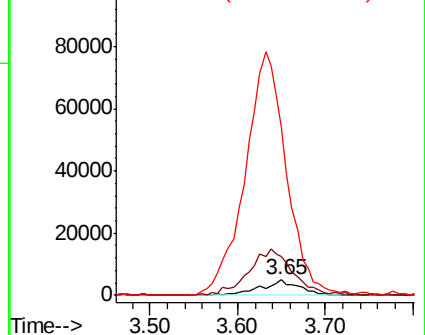
63 1079.4 101.1 187.7#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#13

Acetone

Concen: 3.63 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.01 min

Lab File: VR025700.D

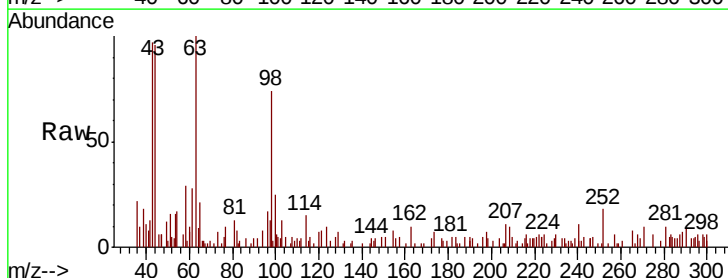
Acq: 12 Sep 2018 18:24

Tgt Ion: 43 Resp: 7423

Ion Ratio Lower Upper

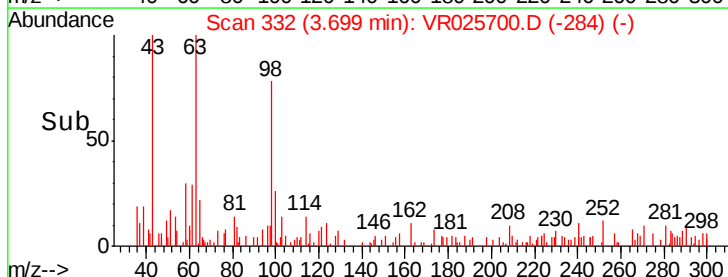
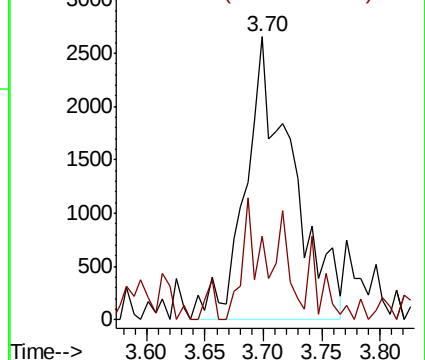
43 100

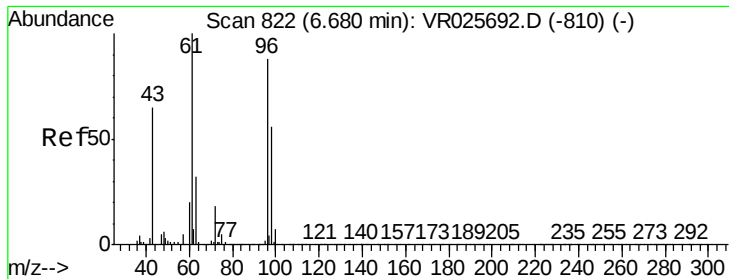
58 16.2 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



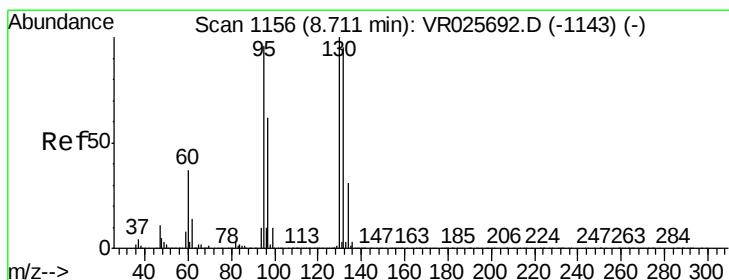
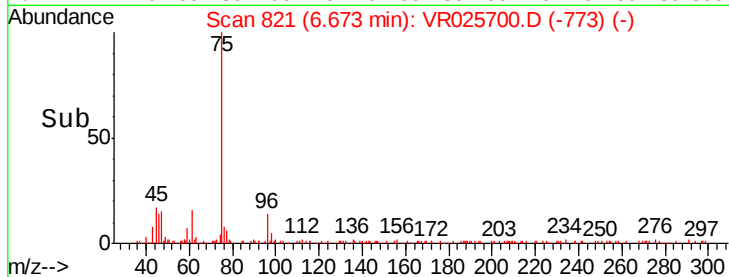
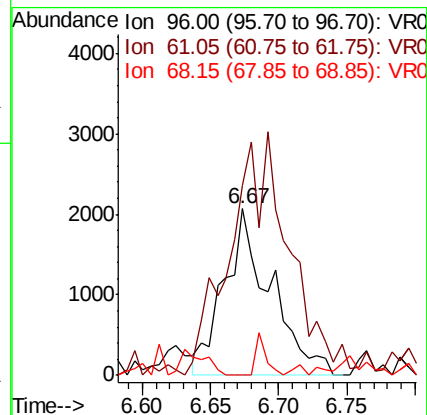
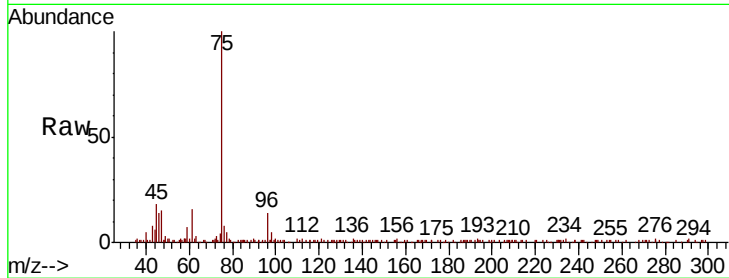


#22

cis-1,2-Dichloroethene
Concen: 0.10 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.01 min
Lab File: VR025700.D
Acq: 12 Sep 2018 18:24

Instrument :
MSVOA_R
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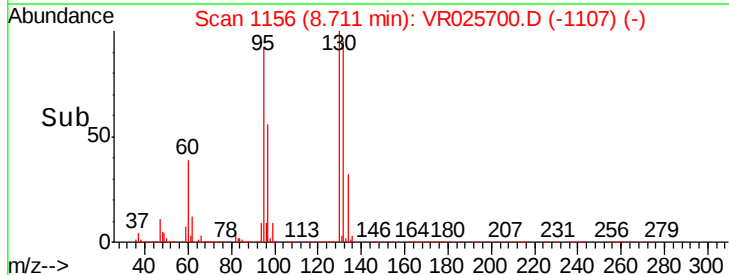
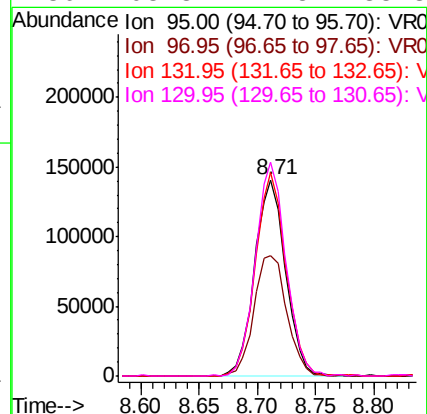
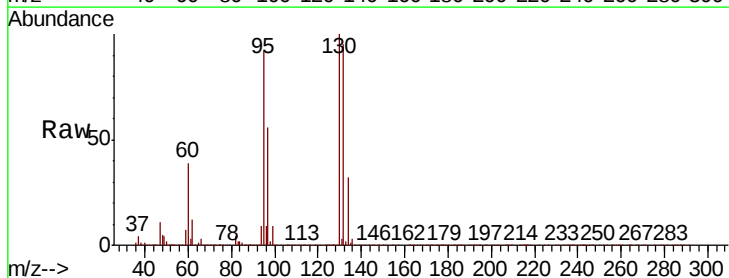
Tot Ion	Ratio	Lower	Upper
96	100		
61	113.9	79.9	148.5
68	0.0	0.2	0.4

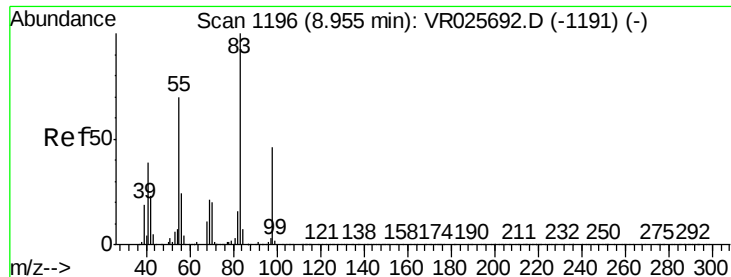


#34

Trichloroethene
Concen: 5.17 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR025700.D
Acq: 12 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
95	100		
97	61.0	45.5	84.5
132	103.8	71.0	131.9
130	108.8	74.5	138.3

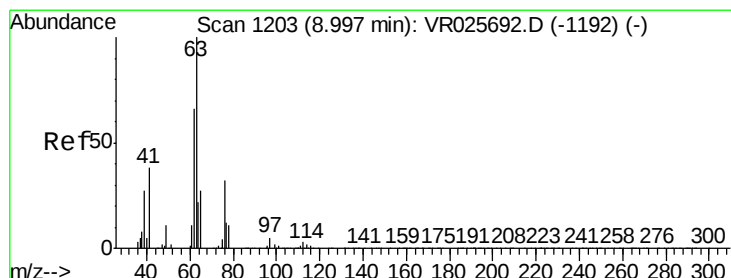
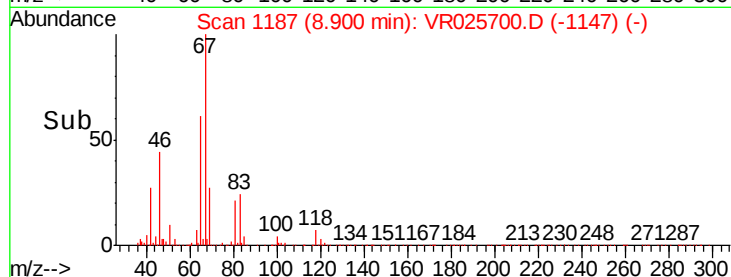
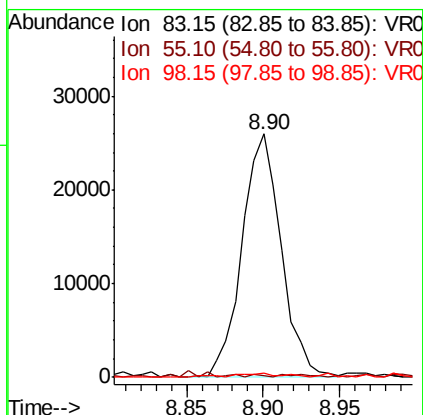
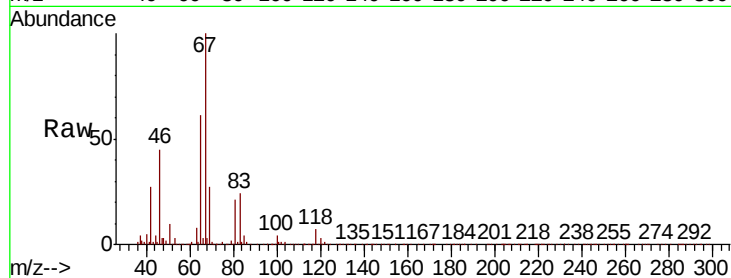




#35
Methylcyclohexane
Concen: 0.60 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025700.D
Acq: 12 Sep 2018 18:24

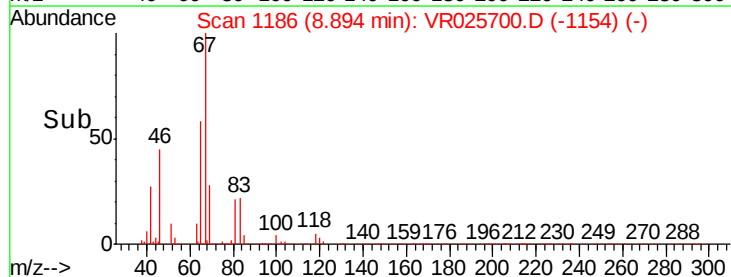
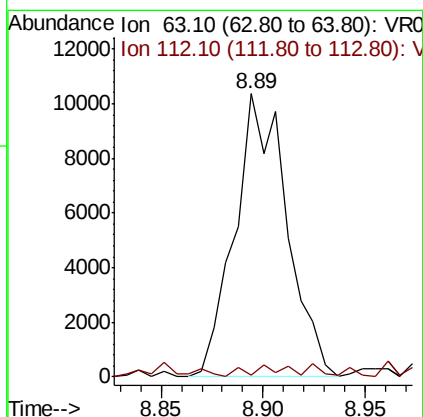
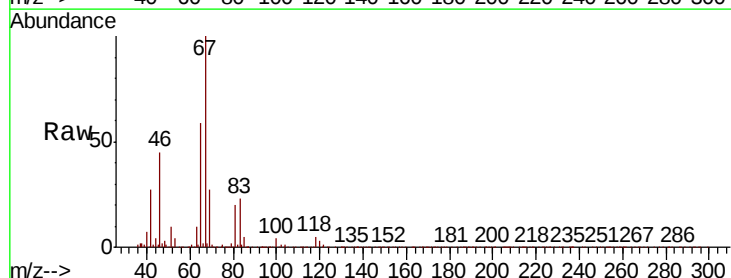
Instrument :
MSVOA_R
ClientSampleId :
C0KM5

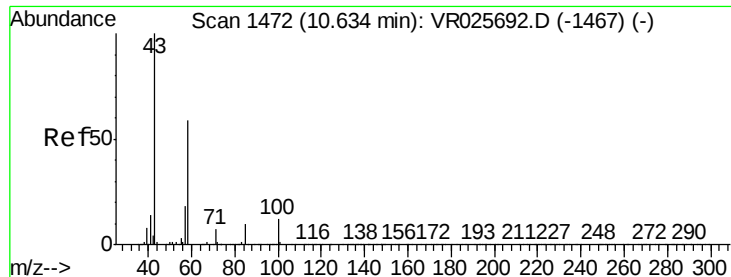
Tot Ion	83	Resp	46230
Ion Ratio	Lower	Upper	
83	100		
55	1.5	58.9	88.3#
98	2.1	36.9	55.3#



#37
1,2-Dichloropropane
Concen: 0.39 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR025700.D
Acq: 12 Sep 2018 18:24

Tgt Ion	63	Resp	18355
Ion Ratio	Lower	Upper	
63	100		
112	1.9	2.9	4.3#





#48

2-Hexanone

Concen: 2.39 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025700.D

Acq: 12 Sep 2018 18:24

Instrument :

MSVOA_R

ClientSampleId :

C0KM5

Tot Ion: 43 Resp: 19397

Ion Ratio Lower Upper

43 100

58 30.0 45.8 68.8#

57 45.3 14.2 21.2#

100 7.2 8.6 13.0#

