

Data File : VR026177.D
Acq On : 5 Nov 2018 13:36
Operator : SY/MD
Sample : J5802-11
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0BD7

Quant Time: Nov 06 03:22:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 03:06:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	540595	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	452019	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	136127	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	229839	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	2.62	69	204141	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	3.60	63	464305	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	6.58	46	193683	49.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.72%
24) Chloroform-d	7.20	84	384927	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	7.89	65	162320	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	7.85	84	773543	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	8.89	67	206701	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	9.97	98	733208	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
43) trans-1,3-Dichloropropene-	10.23	79	46533	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	10.59	63	158452	55.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	76183	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	131388	6.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.20%#

Target Compounds

					Qvalue
3) Chloromethane	2.01	50	26096	0.453 ug/L #	79
12) 1,1-Dichloroethene	3.61	96	44306	0.843 ug/L #	1
13) Acetone	3.70	43	5707	1.421 ug/L	62
17) Methyl tert-butyl Ether	4.90	73	11475	0.240 ug/L #	66
19) 1,1-Dichloroethane	5.69	63	30747	0.412 ug/L	96
29) 1,1,1-Trichloroethane	7.43	97	25140	0.407 ug/L	95
35) Methylcyclohexane	8.89	83	49910	0.772 ug/L #	18
37) 1,2-Dichloropropane	8.89	63	25149	0.703 ug/L #	97
48) 2-Hexanone	10.59	43	26900	3.769 ug/L #	63

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

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ClientSampleId :
C0BD7

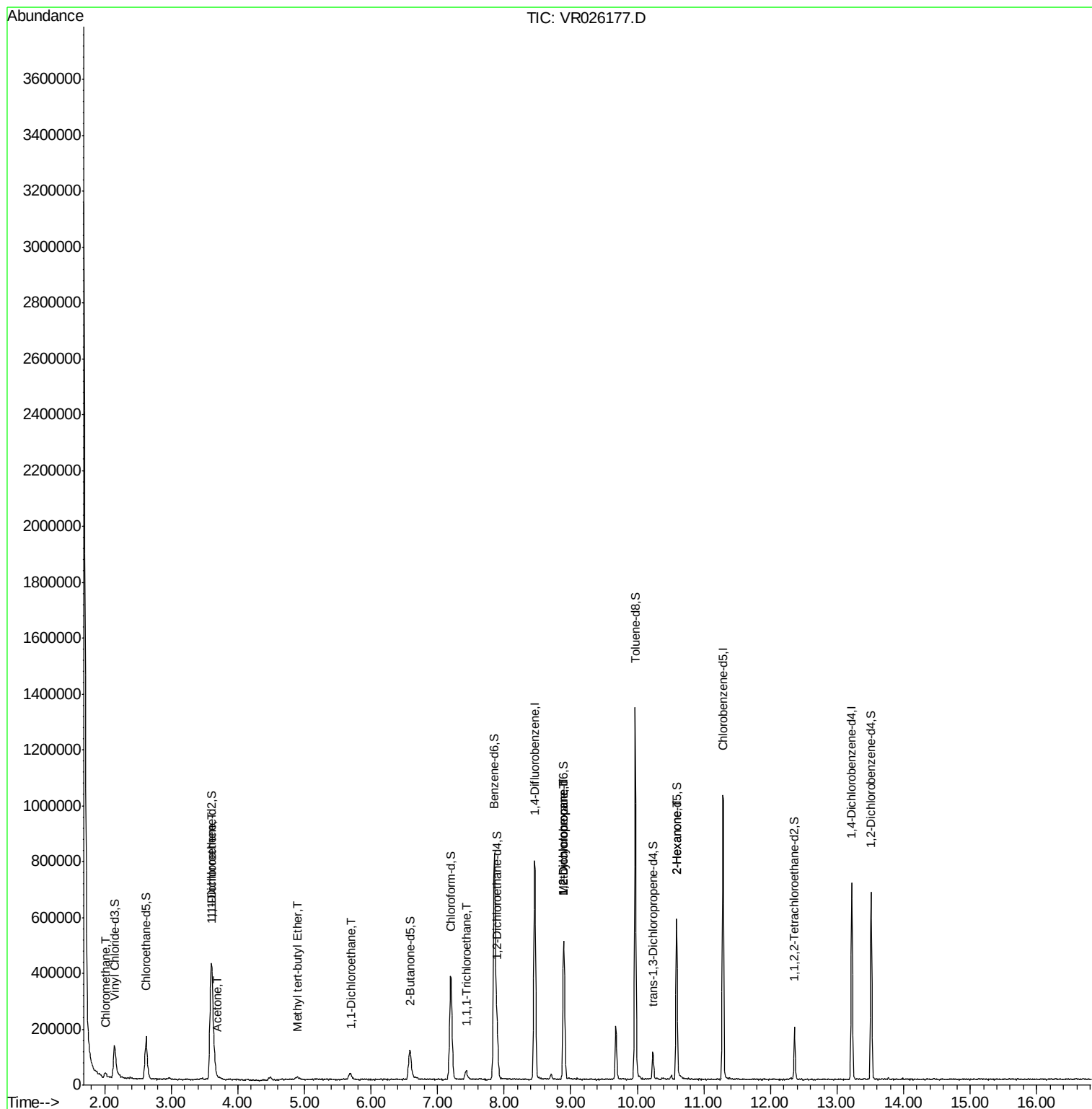
Quant Time: Nov 06 03:22:18 2018

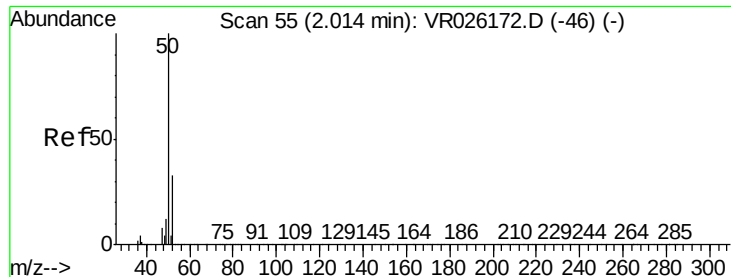
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Nov 06 03:06:52 2018

Response via : Initial Calibration

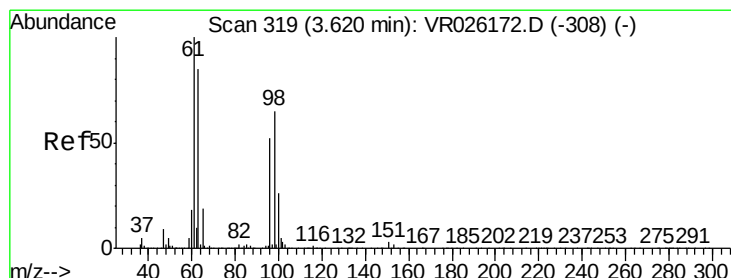
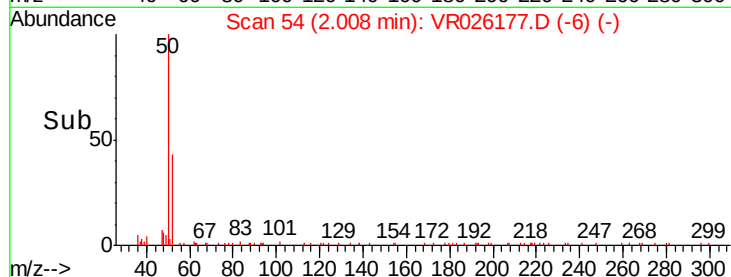
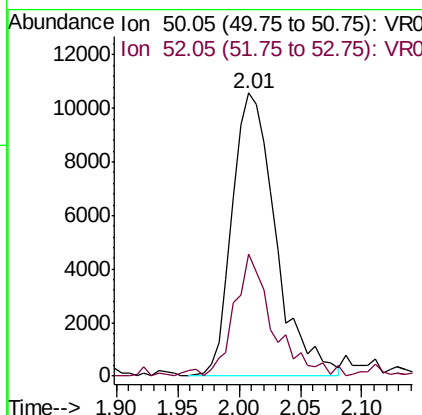
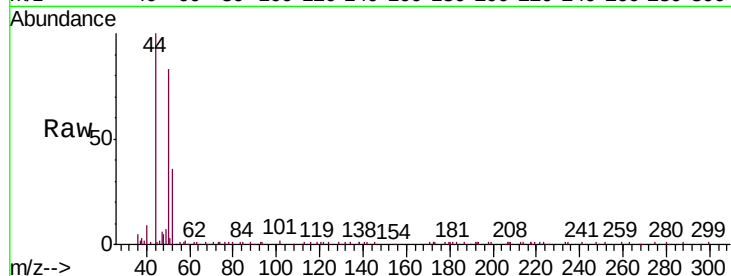




#3
Chloromethane
Concen: 0.453 ug/L
RT: 2.01 min Scan# 54
Delta R.T. -0.01 min
Lab File: VR026177.D
Acq: 5 Nov 2018 13:36

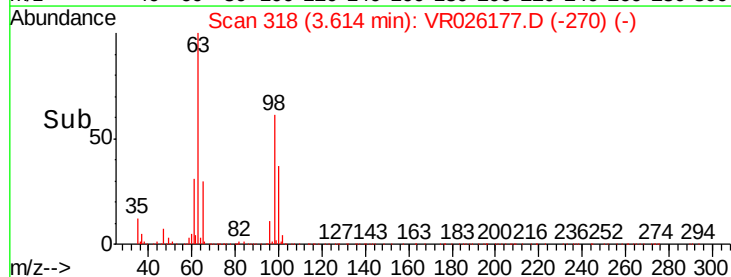
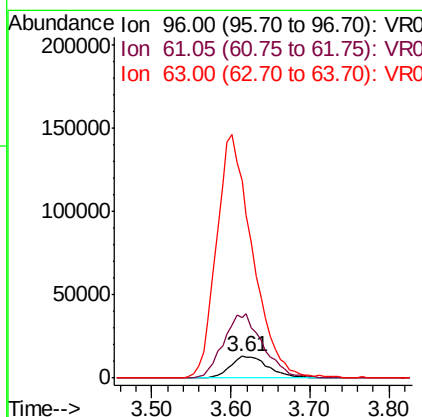
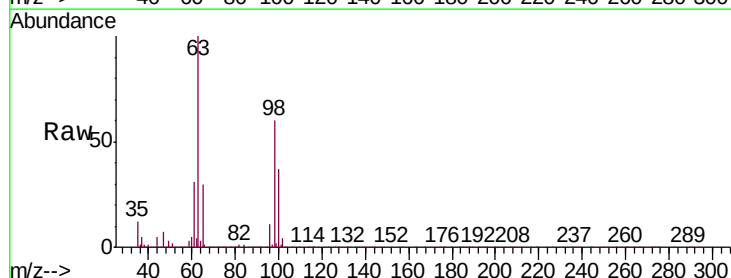
Instrument :
MSVOA_R
ClientSampleId :
C0BD7

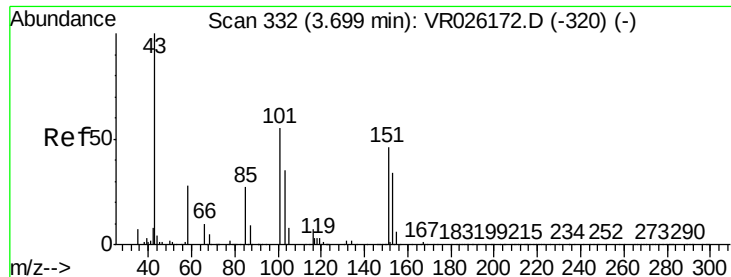
Tgt Ion: 50 Resp: 26096
Ion Ratio Lower Upper
50 100
52 43.1 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.843 ug/L
RT: 3.61 min Scan# 318
Delta R.T. -0.01 min
Lab File: VR026177.D
Acq: 5 Nov 2018 13:36

Tgt Ion: 96 Resp: 44306
Ion Ratio Lower Upper
96 100
61 277.2 126.7 235.3#
63 902.9 125.0 232.2#





#13

Acetone

Concen: 1.421 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.00 min

Lab File: VR026177.D

Acq: 5 Nov 2018 13:36

Instrument :

MSVOA_R

ClientSampled :

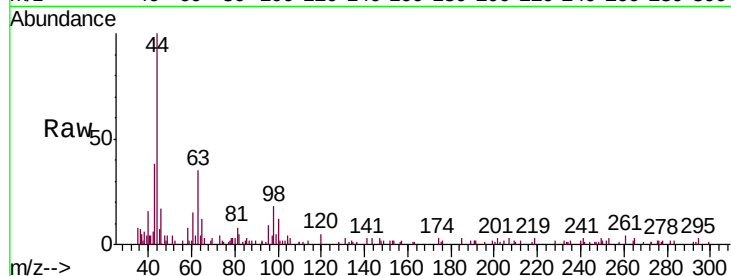
C0BD7

Tgt Ion: 43 Resp: 5707

Ion Ratio Lower Upper

43 100

58 7.9 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

2000

1500

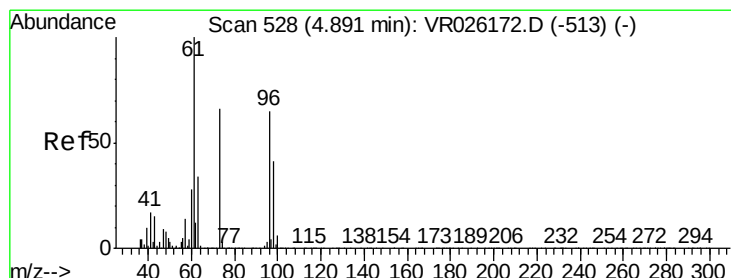
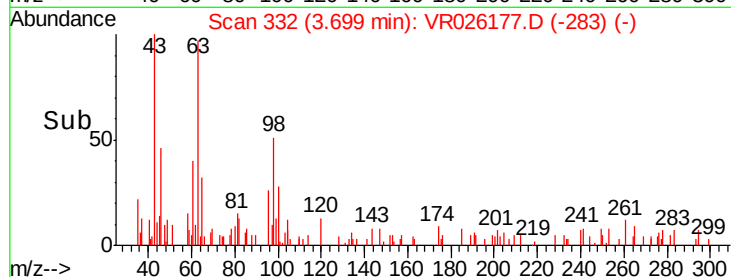
1000

500

0

3.60 3.65 3.70 3.75 3.80

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.240 ug/L

RT: 4.90 min Scan# 529

Delta R.T. 0.01 min

Lab File: VR026177.D

Acq: 5 Nov 2018 13:36

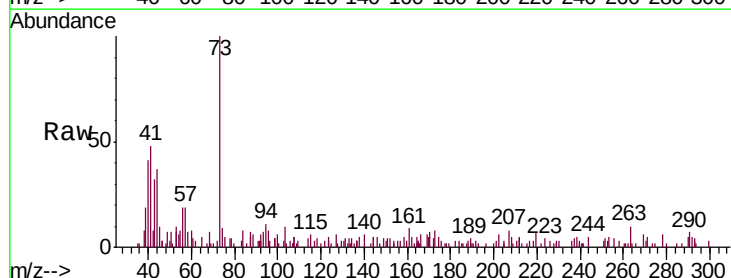
Tgt Ion: 73 Resp: 11475

Ion Ratio Lower Upper

73 100

43 15.2 20.1 30.1#

57 0.0 19.0 28.4#



Abundance Ion 73.10 (72.80 to 73.80): VR0

Ion 43.05 (42.75 to 43.75): VR0

Ion 57.10 (56.80 to 57.80): VR0

4000

3000

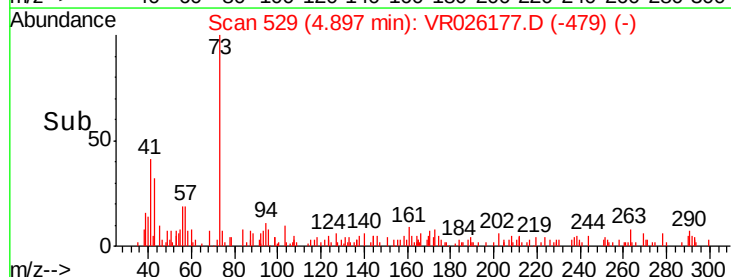
2000

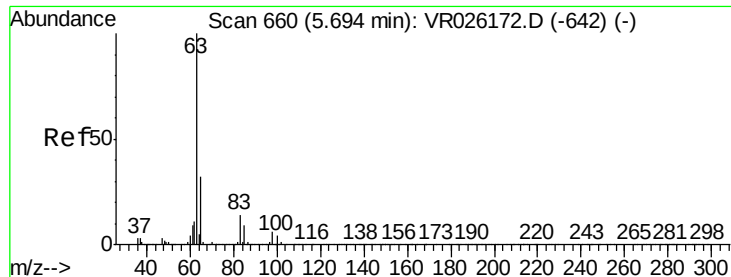
1000

0

4.80 4.90 5.00

Time-->

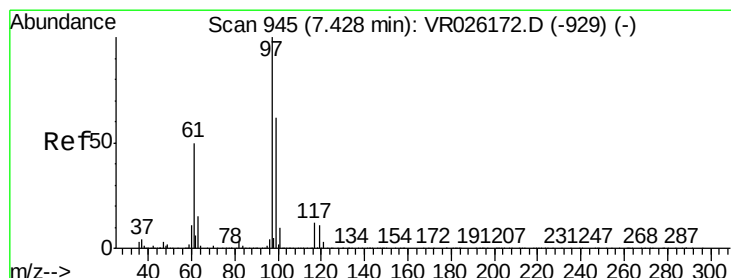
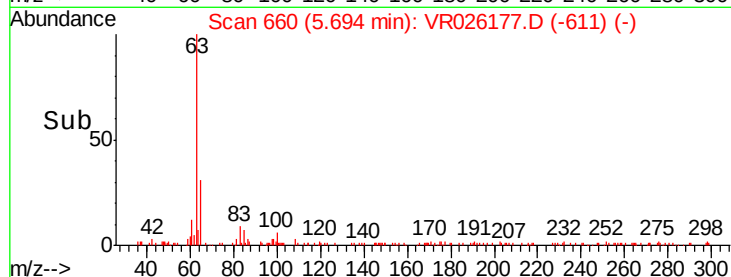
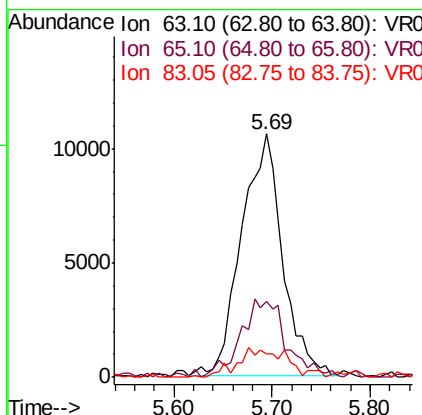
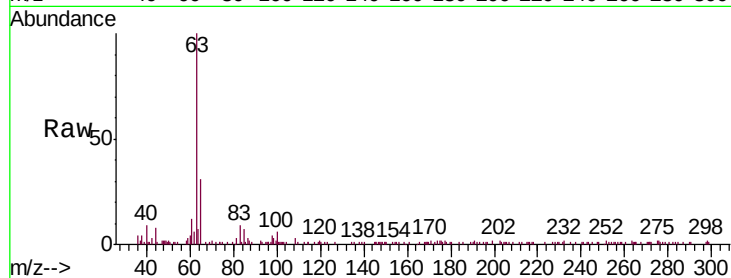




#19
 1,1-Dichloroethane
 Concen: 0.412 ug/L
 RT: 5.69 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VR026177.D
 Acq: 5 Nov 2018 13:36

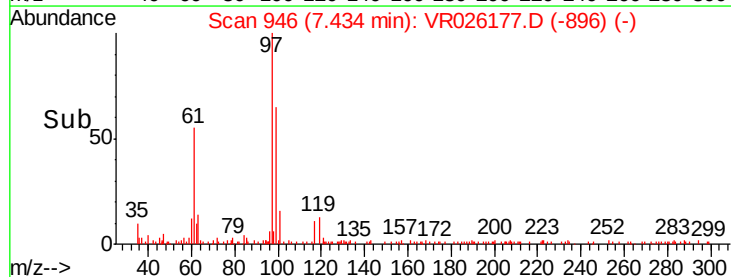
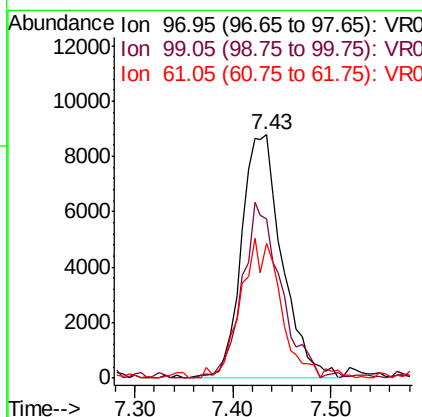
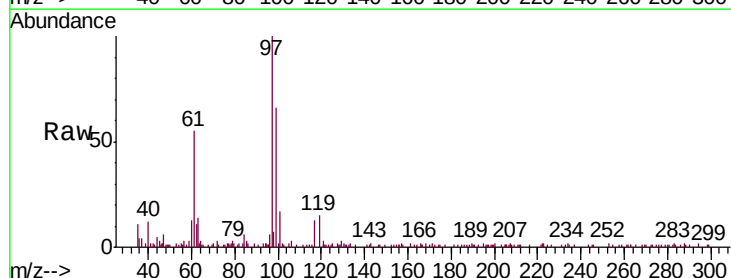
Instrument :
 MSVOA_R
 ClientSampled :
 C0BD7

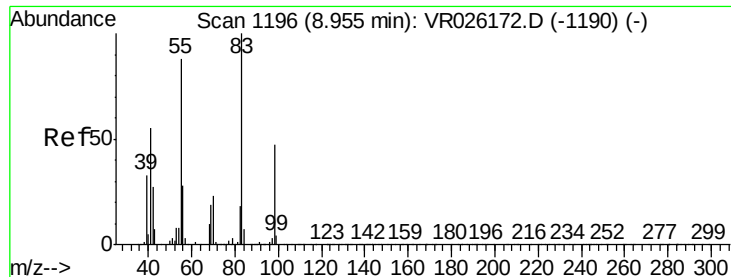
Tgt Ion:	63	Resp:	30747
Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.2	39.4
83	9.7	9.2	17.2



#29
 1,1,1-Trichloroethane
 Concen: 0.407 ug/L
 RT: 7.43 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VR026177.D
 Acq: 5 Nov 2018 13:36

Tgt Ion:	97	Resp:	25140
Ion	Ratio	Lower	Upper
97	100		
99	68.4	51.1	76.7
61	55.8	42.1	63.1

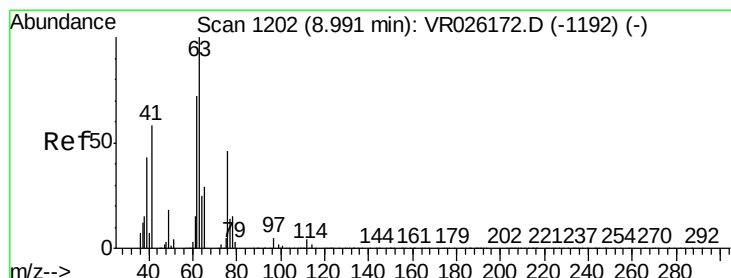
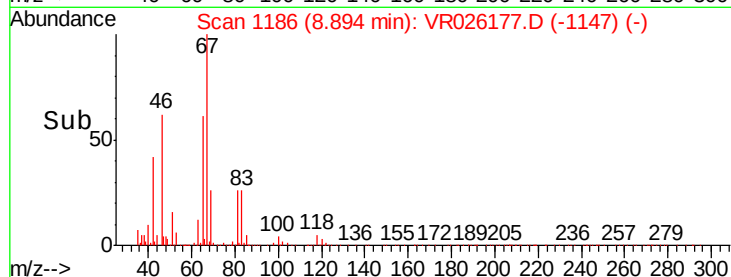
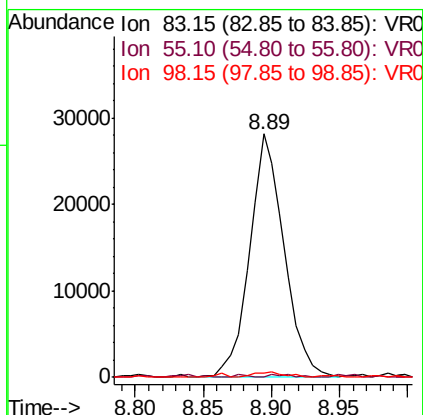
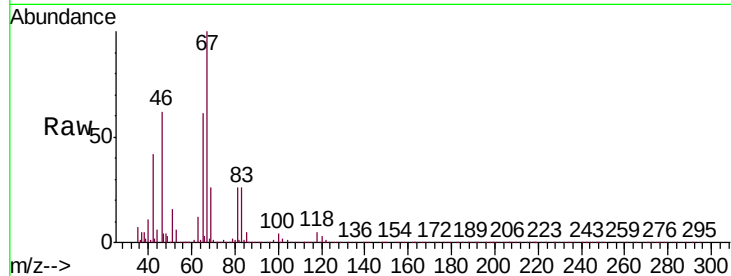




#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026177.D
Acq: 5 Nov 2018 13:36

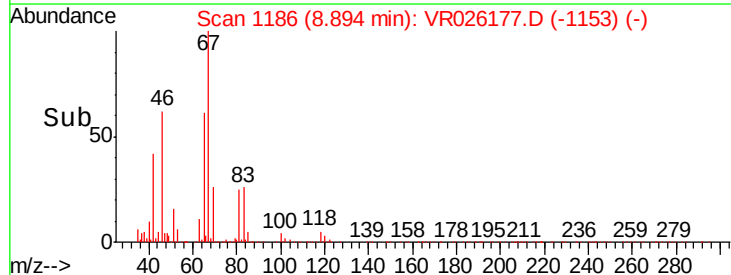
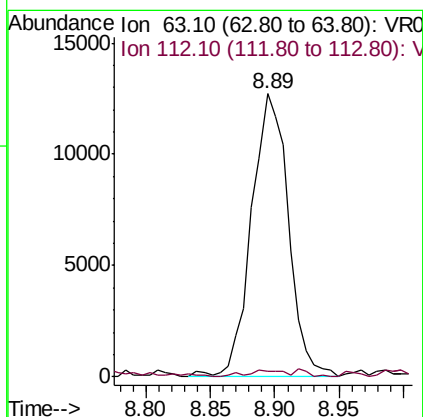
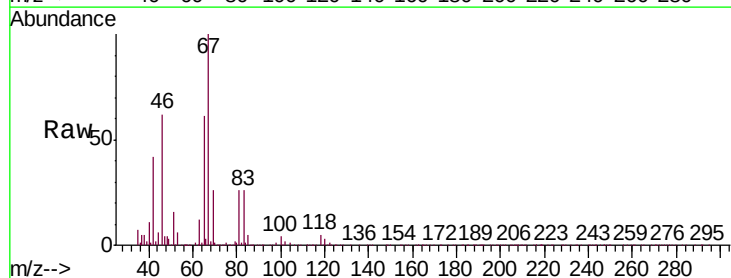
Instrument :
MSVOA_R
ClientSampleId :
C0BD7

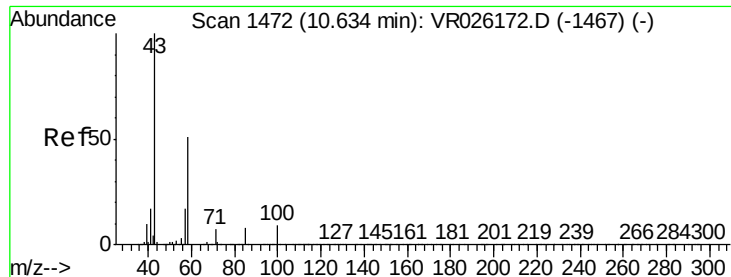
Tgt Ion: 83 Resp: 49910
Ion Ratio Lower Upper
83 100
55 0.8 66.8 100.2#
98 2.0 35.2 52.8#



#37
1,2-Dichloropropane
Concen: 0.703 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026177.D
Acq: 5 Nov 2018 13:36

Tgt Ion: 63 Resp: 25149
Ion Ratio Lower Upper
63 100
112 2.4 2.7 4.1#





#48

2-Hexanone

Concen: 3.769 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026177.D

Acq: 5 Nov 2018 13:36

Instrument :

MSVOA_R

ClientSampleId :

C0BD7

Tgt Ion: 43 Resp: 26900

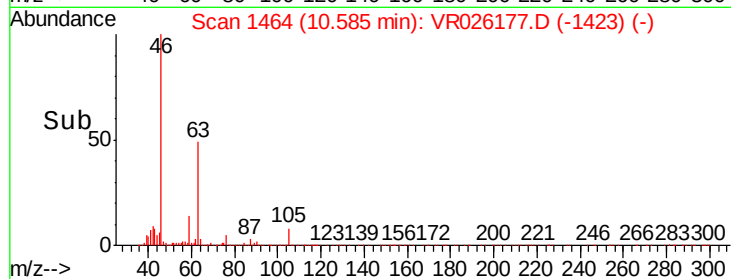
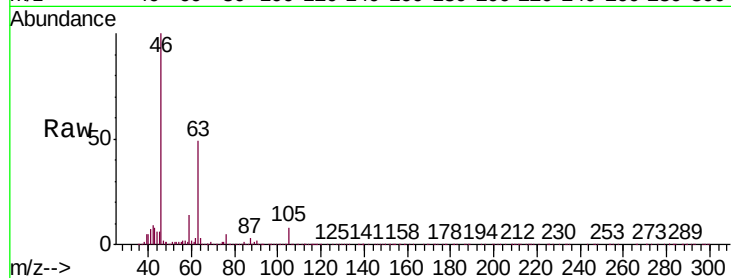
Ion Ratio Lower Upper

43 100

58 19.3 39.6 59.4#

57 29.4 14.0 21.0#

100 3.4 7.0 10.6#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

