

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071218\
 Data File : VR025455.D
 Acq On : 12 Jul 2018 17:01
 Operator : SY/MD
 Sample : J3960-01
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AF9

Quant Time: Jul 13 00:38:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 13 00:37:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	755696	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	601154	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	206769	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	104507	5.02	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	2.62	69	88012	4.96	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	3.62	63	234676	3.72	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	6.59	46	295708	45.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.40%
24) Chloroform-d	7.21	84	455494	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	7.89	65	180590	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	7.86	84	993516	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	8.90	67	277399	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	9.97	98	854162	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	10.24	79	68521	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	10.59	63	261262	52.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.56%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	117356	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	187418	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

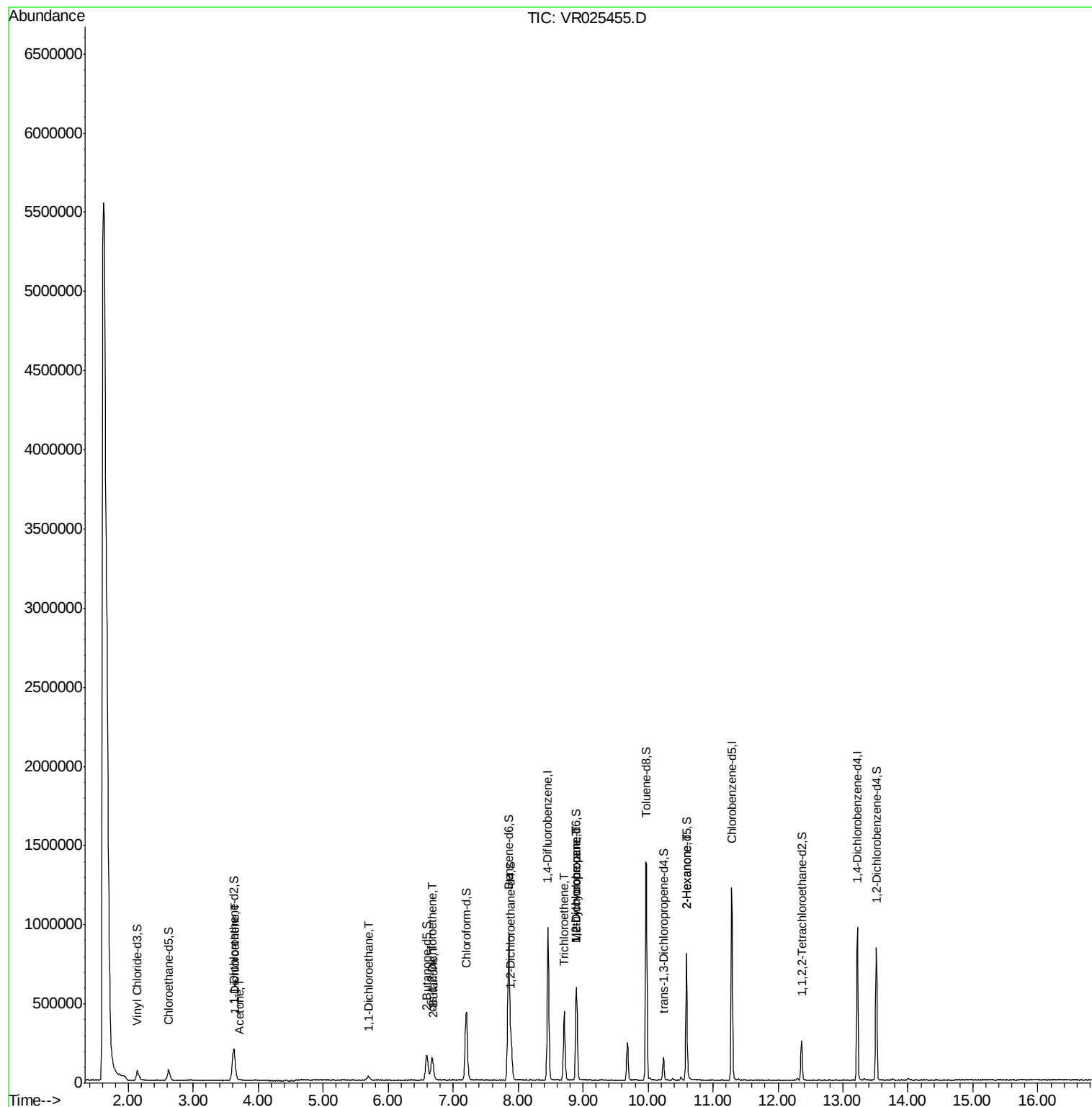
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.65	96	12364	0.547	ug/L #	1
13) Acetone	3.71	43	4405	1.511	ug/L	99
19) 1,1-Dichloroethane	5.70	63	36190	0.375	ug/L	95
21) 2-Butanone	6.69	43	1459	0.215	ug/L	93
22) cis-1,2-Dichloroethene	6.68	96	82429	1.598	ug/L	100
34) Trichloroethene	8.71	95	151230	2.867	ug/L	97
35) Methylcyclohexane	8.90	83	63144	0.895	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	29827	0.619	ug/L #	92
48) 2-Hexanone	10.59	43	31970	3.330	ug/L #	71

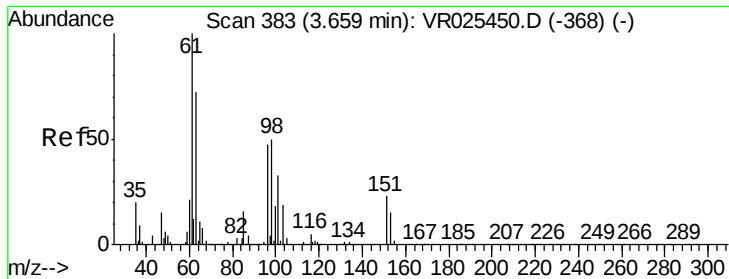
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 13 00:37:37 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.547 ug/L

RT: 3.65 min Scan# 381

Delta R.T. -0.01 min

Lab File: VR025455.D

Acq: 12 Jul 2018 17:01

Instrument :

MSVOA_R

ClientSampleId :

C0AF9

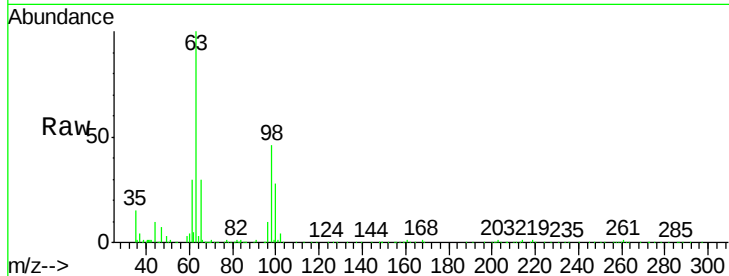
Tgt Ion: 96 Resp: 12364

Ion Ratio Lower Upper

96 100

61 316.9 155.0 287.9#

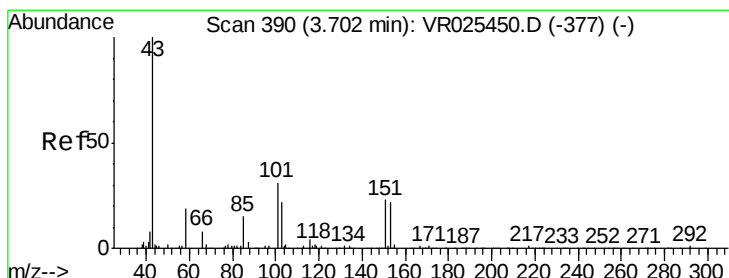
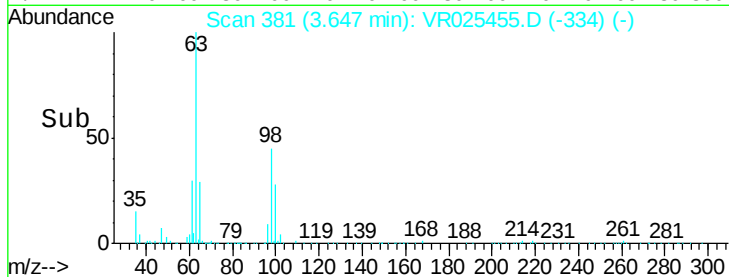
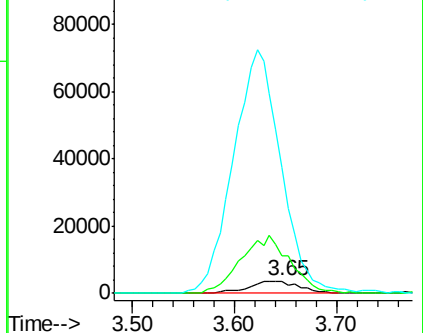
63 1051.8 122.3 227.1#



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: 1.511 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025455.D

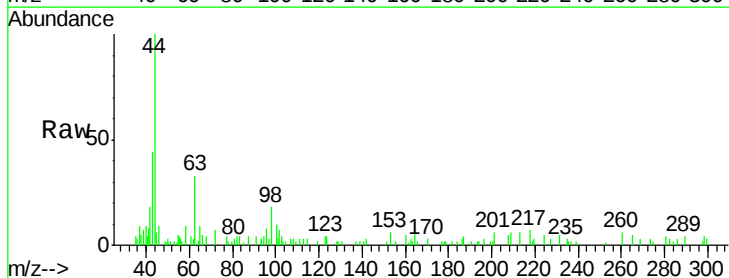
Acq: 12 Jul 2018 17:01

Tgt Ion: 43 Resp: 4405

Ion Ratio Lower Upper

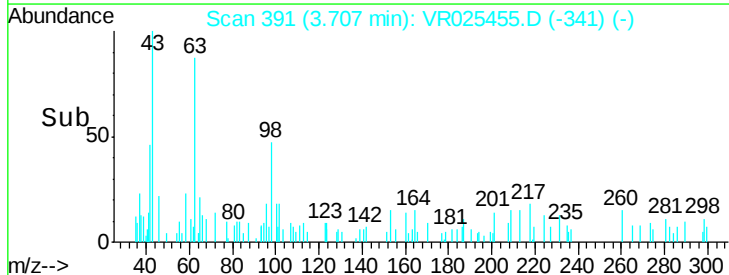
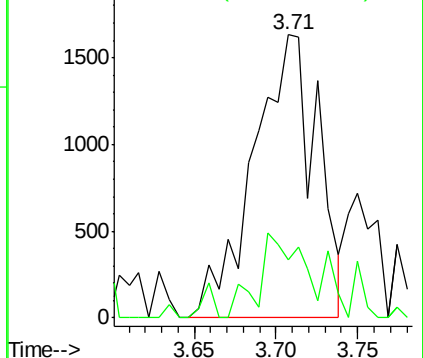
43 100

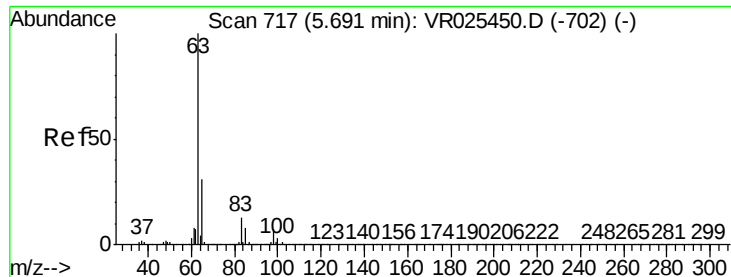
58 20.2 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0





#19

1,1-Dichloroethane

Concen: 0.375 ug/L

RT: 5.70 min Scan# 718

Delta R.T. 0.01 min

Lab File: VR025455.D

Acq: 12 Jul 2018 17:01

Instrument :

MSVOA_R

ClientSampleId :

C0AF9

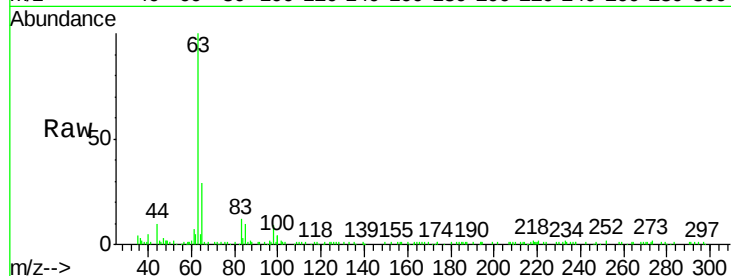
Tgt Ion: 63 Resp: 36190

Ion Ratio Lower Upper

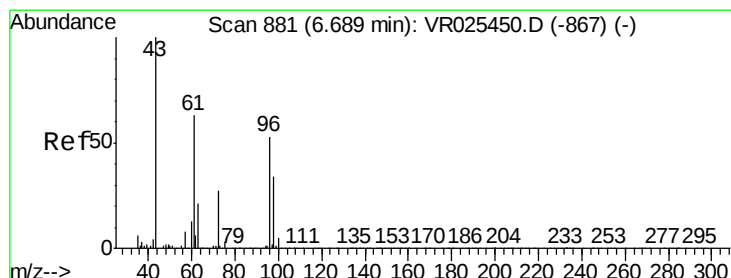
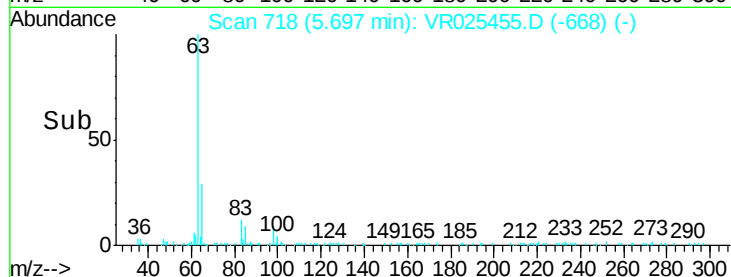
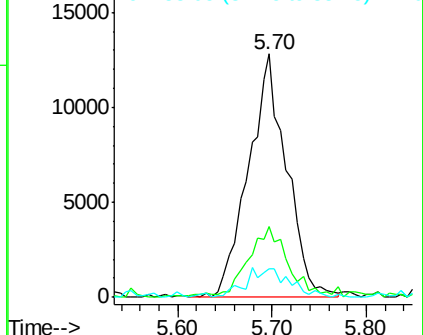
63 100

65 29.0 22.5 41.7

83 12.0 9.5 17.7



Abundance Ion 63.10 (62.80 to 63.80): VR0
Ion 65.10 (64.80 to 65.80): VR0
Ion 83.05 (82.75 to 83.75): VR0



#21

2-Butanone

Concen: 0.215 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.01 min

Lab File: VR025455.D

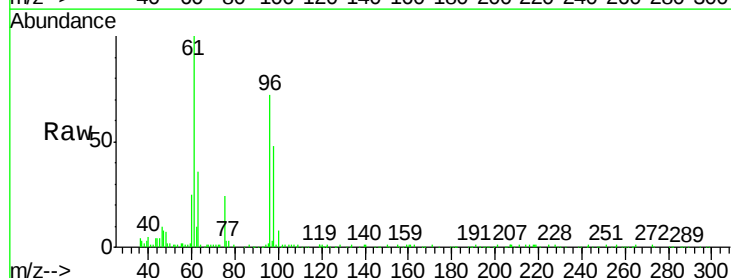
Acq: 12 Jul 2018 17:01

Tgt Ion: 43 Resp: 1459

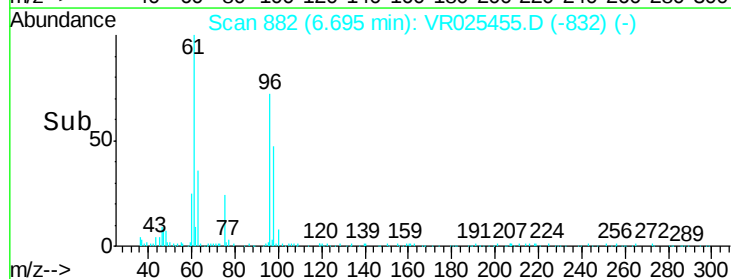
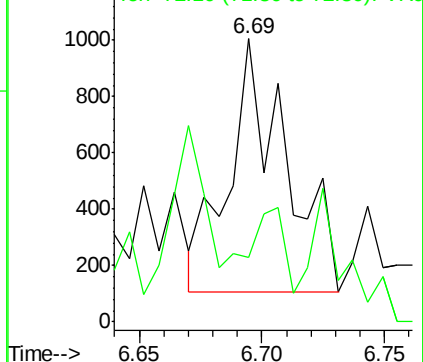
Ion Ratio Lower Upper

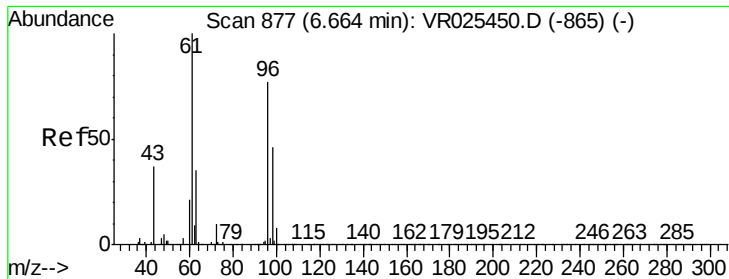
43 100

72 22.3 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 72.10 (71.80 to 72.80): VR0



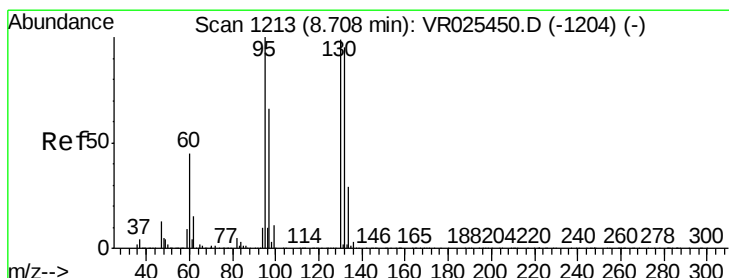
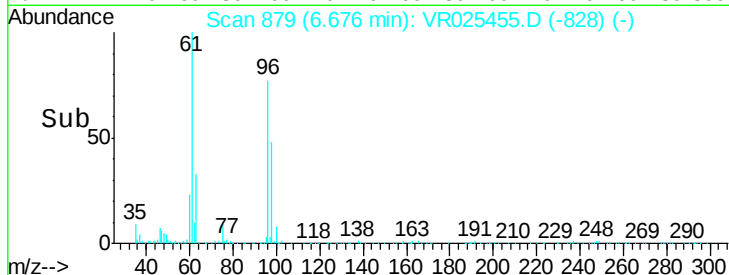
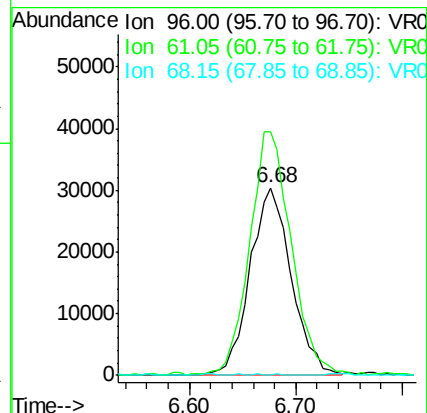
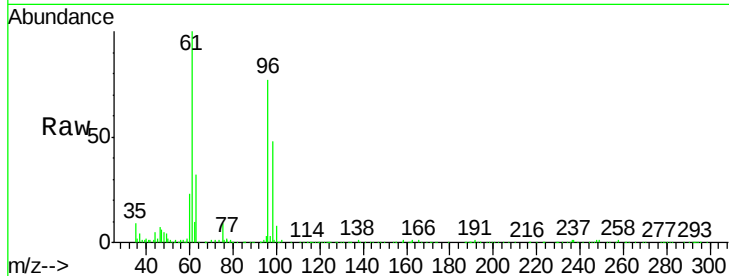


#22

cis-1,2-Dichloroethene
Concen: 1.598 ug/L
RT: 6.68 min Scan# 879
Delta R.T. 0.01 min
Lab File: VR025455.D
Acq: 12 Jul 2018 17:01

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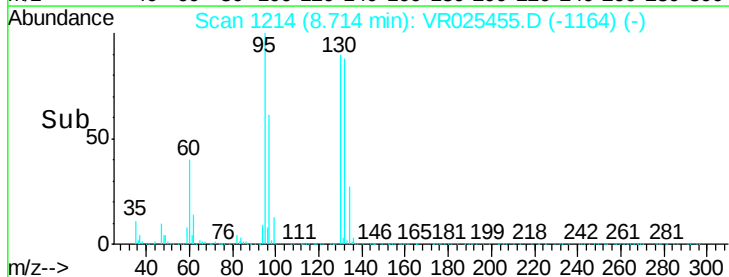
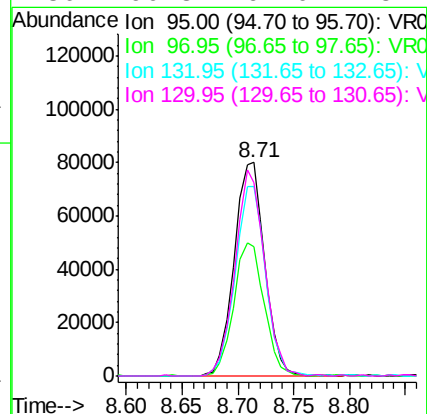
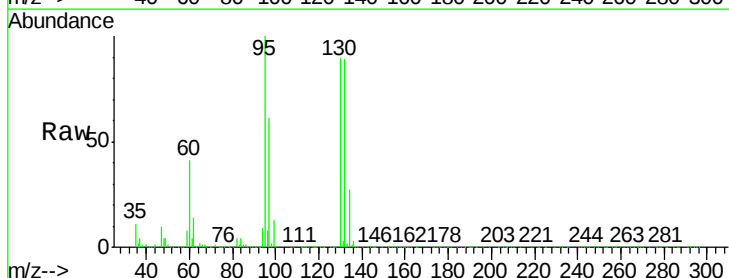
Tgt Ion: 96 Resp: 82429
Ion Ratio Lower Upper
96 100
61 129.7 91.0 169.0
68 0.0 0.0 0.0

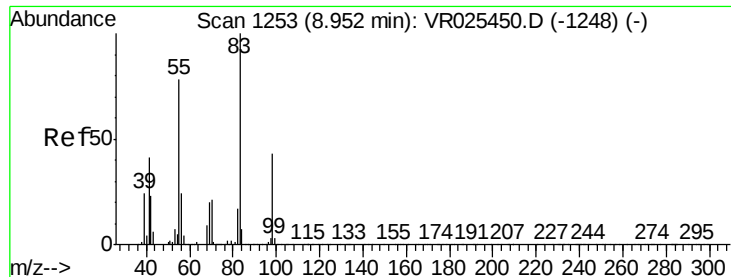


#34

Trichloroethene
Concen: 2.867 ug/L
RT: 8.71 min Scan# 1214
Delta R.T. 0.01 min
Lab File: VR025455.D
Acq: 12 Jul 2018 17:01

Tgt Ion: 95 Resp: 151230
Ion Ratio Lower Upper
95 100
97 60.8 45.6 84.6
132 88.5 60.9 113.1
130 90.3 62.0 115.2

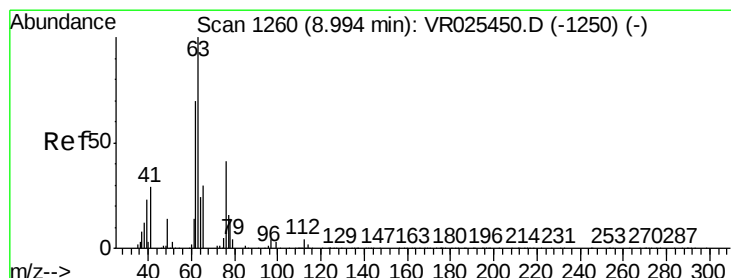
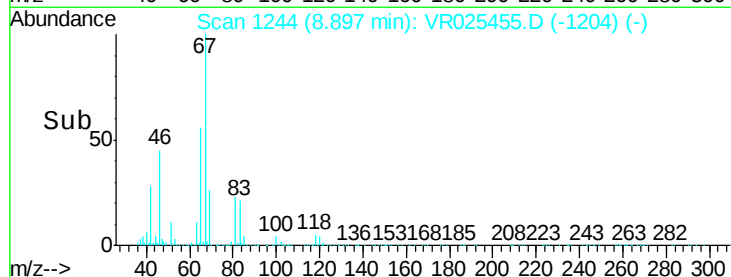
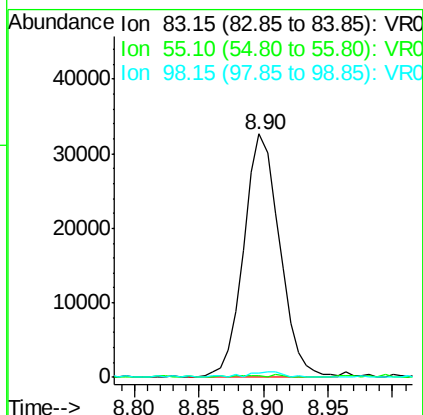
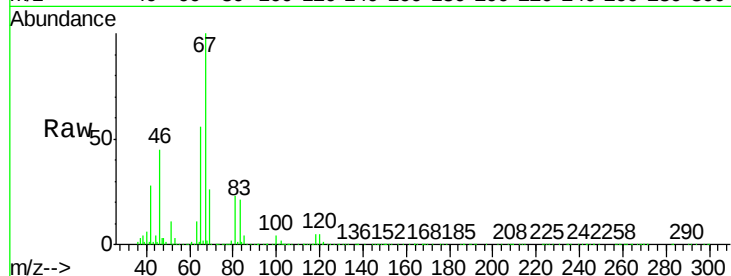




#35
Methylcyclohexane
Concen: 0.895 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.05 min
Lab File: VR025455.D
Acq: 12 Jul 2018 17:01

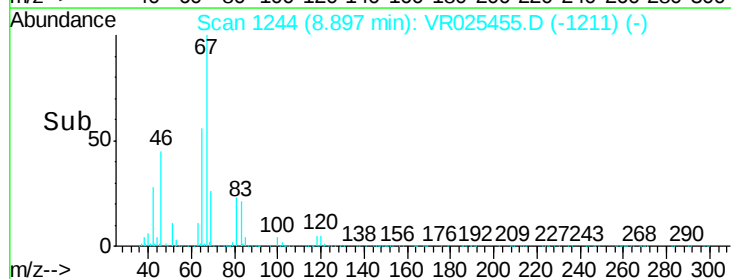
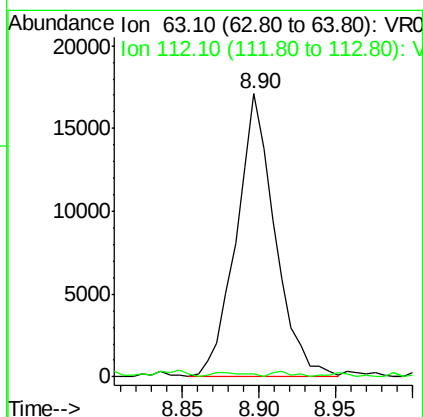
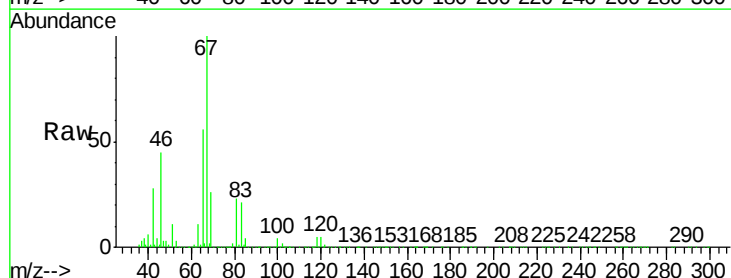
Instrument :
MSVOA_R
ClientSampleId :
C0AF9

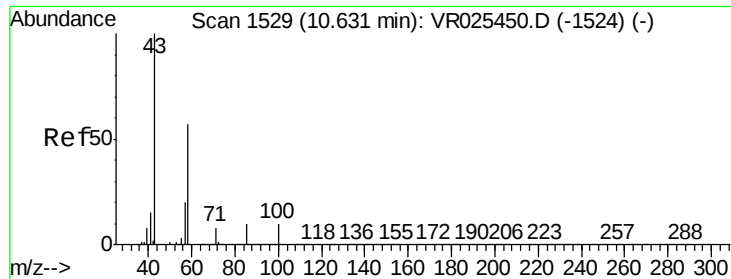
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.1	99.1#
98	2.4	36.2	54.4#



#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025455.D
Acq: 12 Jul 2018 17:01

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.1	2.9	4.3#





#48
 2-Hexanone
 Concen: 3.330 ug/L
 RT: 10.59 min Scan# 1523
 Delta R.T. -0.04 min
 Lab File: VR025455.D
 Acq: 12 Jul 2018 17:01

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 MSVOA_R
 ClientSampleId :
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Tgt Ion:	43	Resp:	31970
Ion	Ratio	Lower	Upper
43	100		
58	26.9	43.1	64.7#
57	23.8	15.3	22.9#
100	3.7	7.9	11.9#

