

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025354.D
 Acq On : 17 Jun 2018 9:24
 Operator : SY/MD
 Sample : J3513-14
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KF0

Quant Time: Jun 18 04:11:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 04:02:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	521069	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	440040	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	132538	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	72666	4.09	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	2.63	69	61291	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	3.65	63	646676	14.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	283.40%#
20) 2-Butanone-d5	6.59	46	259490	54.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.10%
24) Chloroform-d	7.20	84	288384	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	7.89	65	115551	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	7.85	84	597171	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	8.90	67	183077	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	9.97	98	460757	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
43) trans-1,3-Dichloropropene-	10.24	79	21487	1.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	38.00%#
46) 2-Hexanone-d5	10.59	63	207450	52.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	85399	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	107597	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

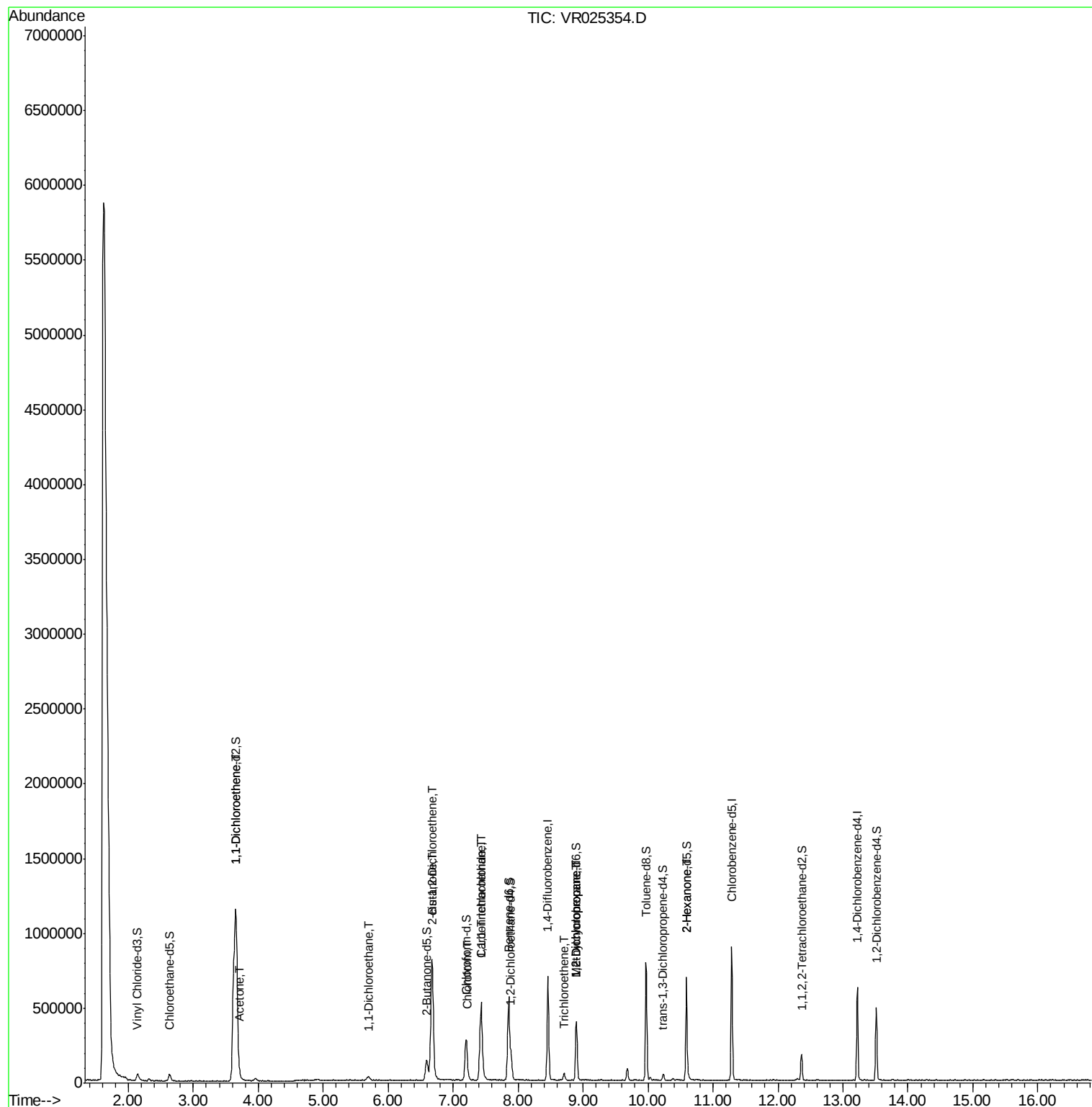
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.66	96	775785	42.354	ug/L #	59
13) Acetone	3.71	43	11091	5.162	ug/L	93
19) 1,1-Dichloroethane	5.70	63	40857	0.578	ug/L	94
21) 2-Butanone	6.69	43	5599	1.103	ug/L #	1
22) cis-1,2-Dichloroethene	6.68	96	471589	12.002	ug/L	93
25) Chloroform	7.22	83	18026	0.279	ug/L	96
29) 1,1,1-Trichloroethane	7.43	97	449707	8.604	ug/L	98
31) Carbon tetrachloride	7.42	117	56930	1.241	ug/L	98
34) Trichloroethene	8.71	95	16719	0.400	ug/L #	85
35) Methylcyclohexane	8.90	83	39278	0.595	ug/L #	18
37) 1,2-Dichloropropane	8.89	63	18442	0.480	ug/L	99
48) 2-Hexanone	10.59	43	25975	3.279	ug/L #	77

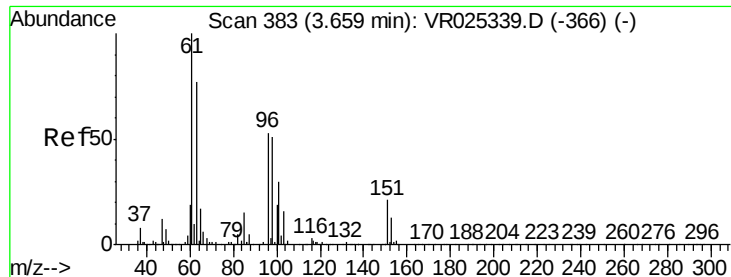
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 42.354 ug/L

RT: 3.66 min Scan# 383

Delta R.T. 0.00 min

Lab File: VR025354.D

Acq: 17 Jun 2018 9:24

Instrument :

MSVOA_R

ClientSampleId :

C0KF0

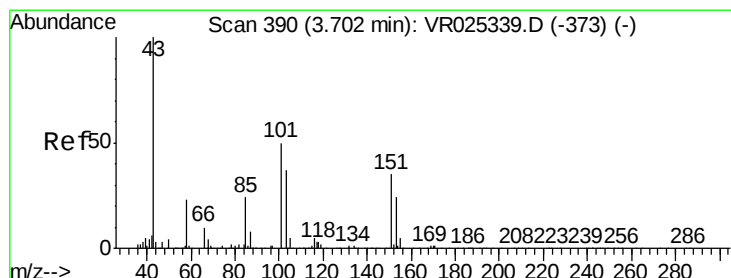
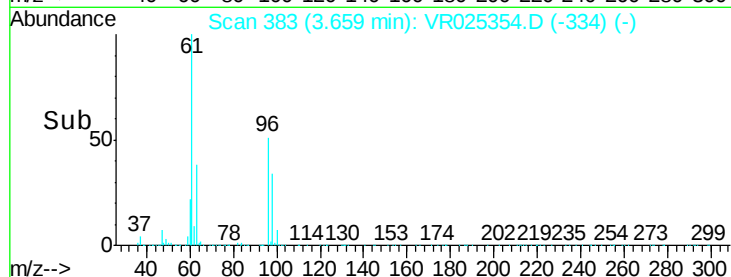
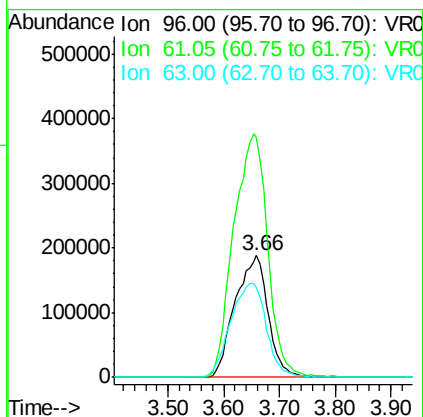
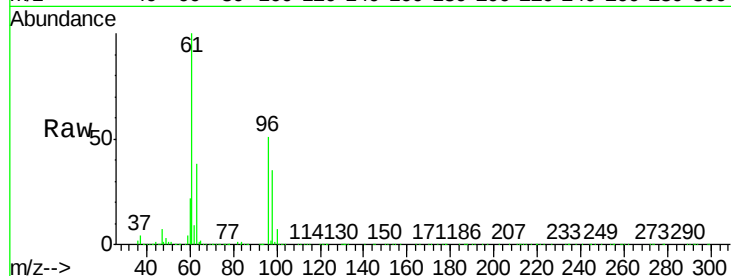
Tgt Ion: 96 Resp: 775785

Ion Ratio Lower Upper

96 100

61 196.3 155.0 287.9

63 74.2 122.3 227.1#



#13

Acetone

Concen: 5.162 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025354.D

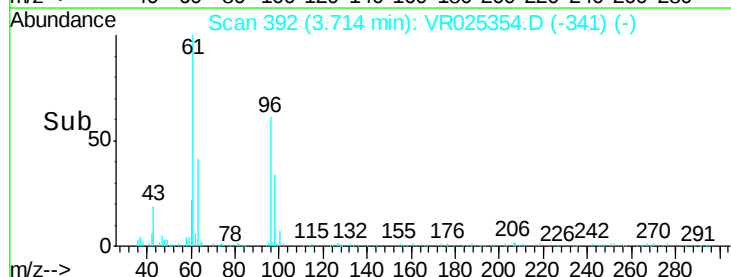
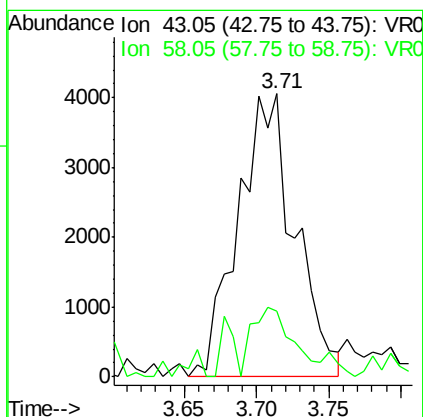
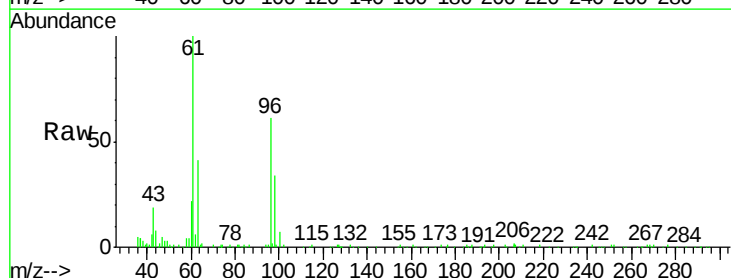
Acq: 17 Jun 2018 9:24

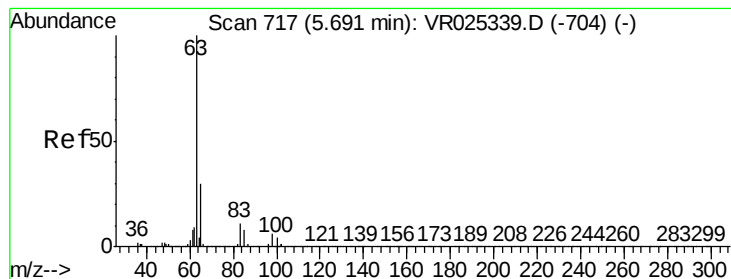
Tgt Ion: 43 Resp: 11091

Ion Ratio Lower Upper

43 100

58 17.7 0.0 41.6





#19

1,1-Dichloroethane

Concen: 0.578 ug/L

RT: 5.70 min Scan# 718

Delta R.T. 0.01 min

Lab File: VR025354.D

Acq: 17 Jun 2018 9:24

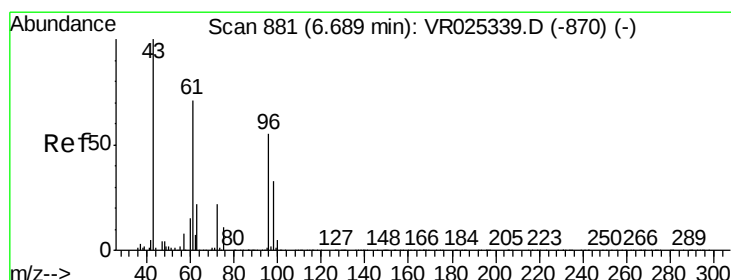
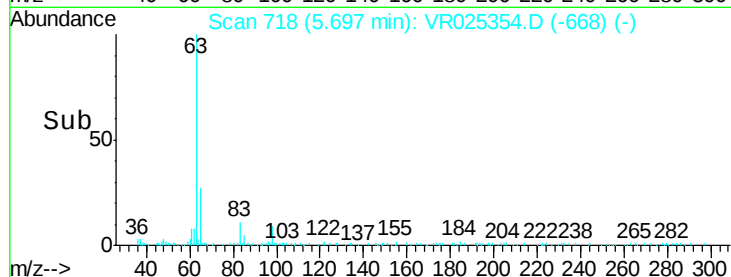
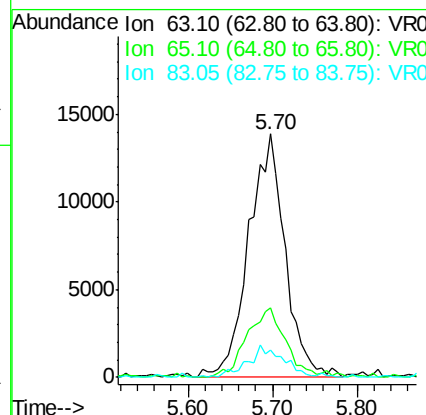
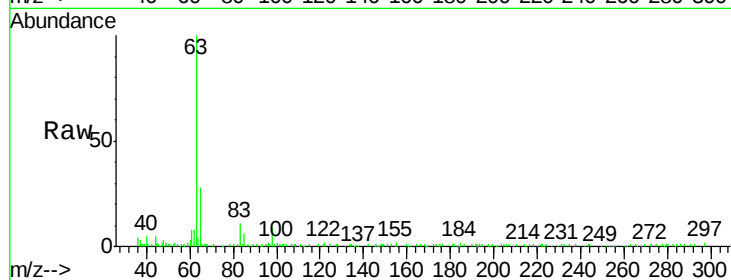
Instrument :

MSVOA_R

ClientSampleId :

C0KF0

Tgt Ion:	63	Resp:	40857
Ion	Ratio	Lower	Upper
63	100		
65	28.5	22.5	41.7
83	11.4	9.5	17.7



#21

2-Butanone

Concen: 1.103 ug/L

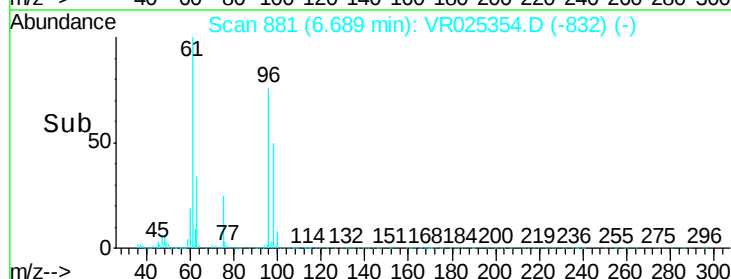
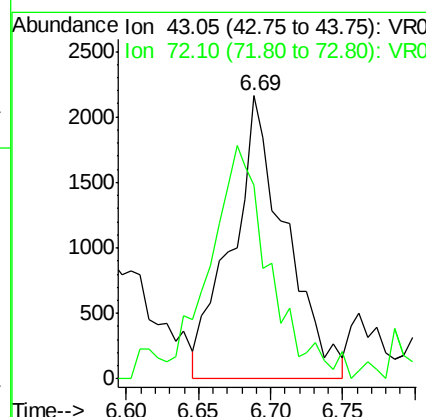
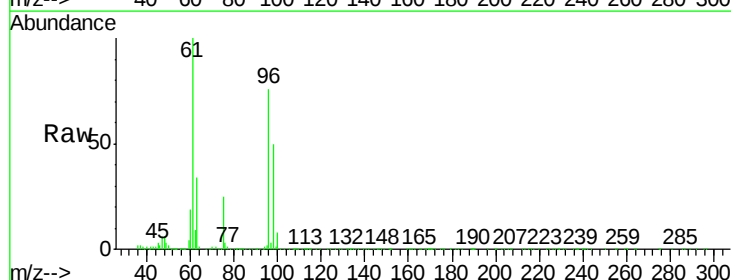
RT: 6.69 min Scan# 881

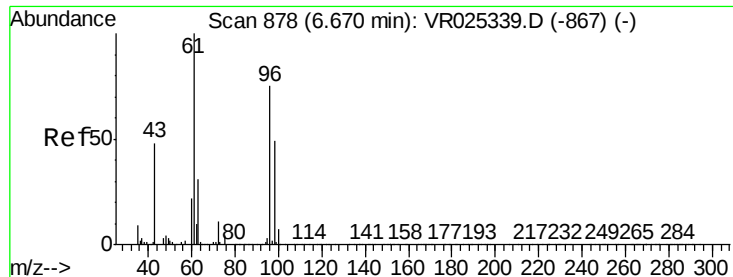
Delta R.T. 0.00 min

Lab File: VR025354.D

Acq: 17 Jun 2018 9:24

Tgt Ion:	43	Resp:	5599
Ion	Ratio	Lower	Upper
43	100		
72	90.9	13.0	38.9#



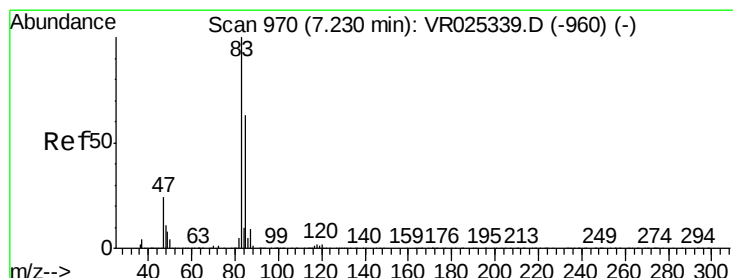
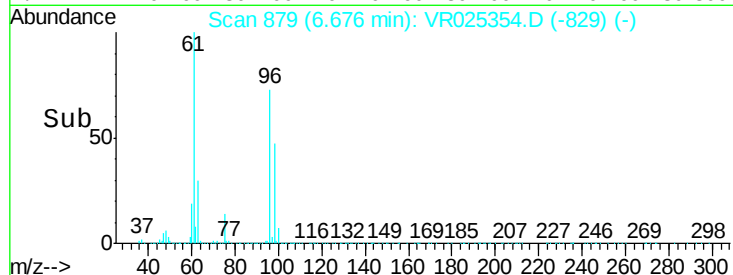
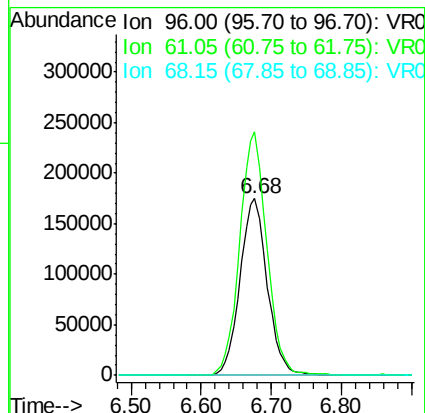
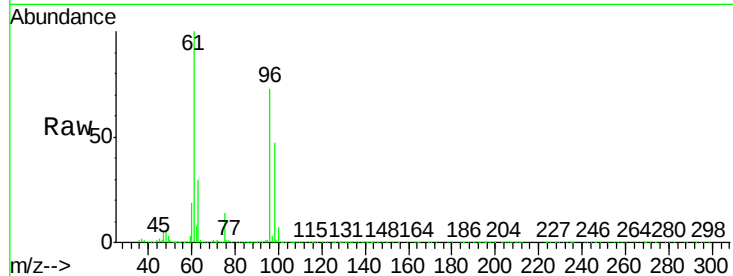


#22

cis-1,2-Dichloroethene
 Concen: 12.002 ug/L
 RT: 6.68 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: VR025354.D
 Acq: 17 Jun 2018 9:24

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KF0

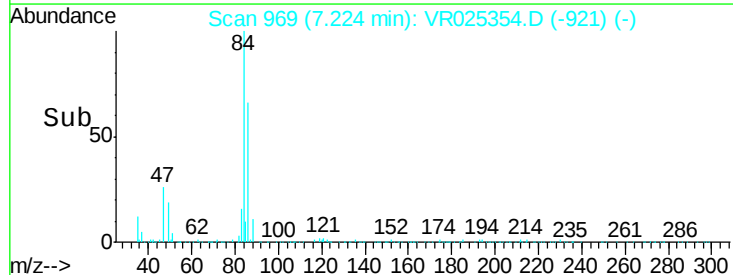
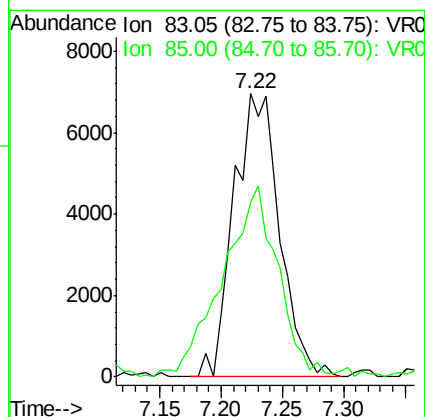
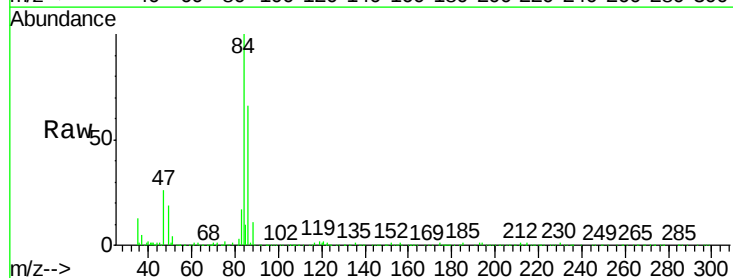
Tgt Ion: 96 Resp: 471589
 Ion Ratio Lower Upper
 96 100
 61 137.7 91.0 169.0
 68 0.0 0.0 0.0

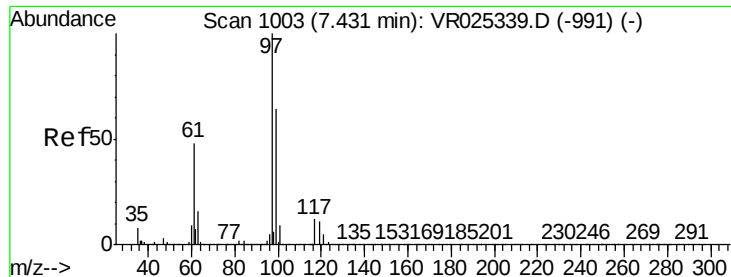


#25

Chloroform
 Concen: 0.279 ug/L
 RT: 7.22 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: VR025354.D
 Acq: 17 Jun 2018 9:24

Tgt Ion: 83 Resp: 18026
 Ion Ratio Lower Upper
 83 100
 85 61.8 45.4 84.4

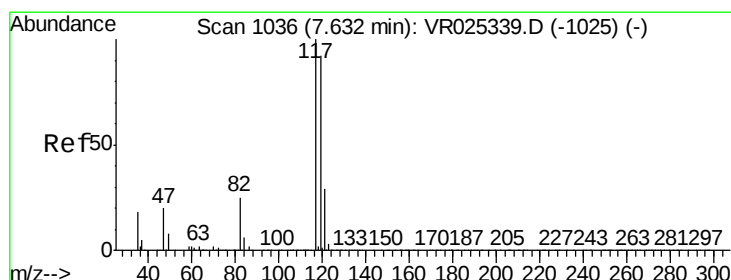
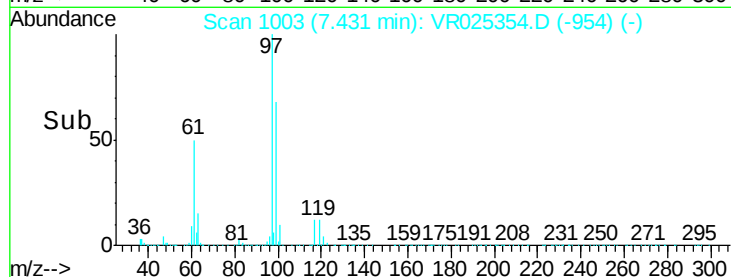
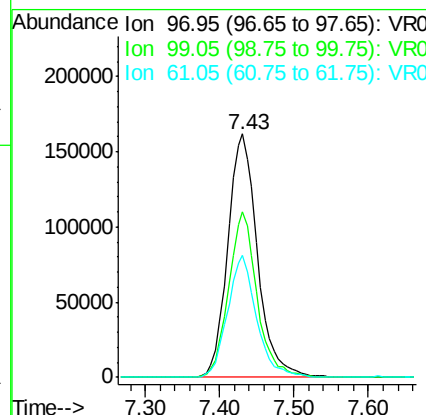
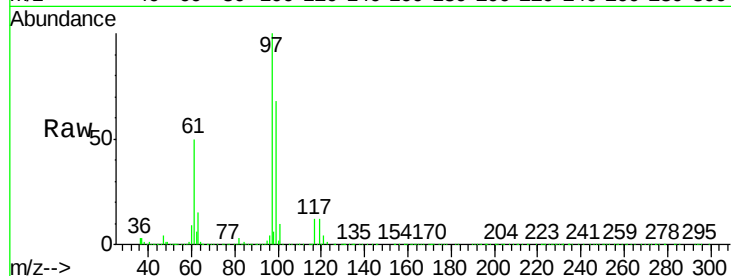




#29
 1,1,1-Trichloroethane
 Concen: 8.604 ug/L
 RT: 7.43 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: VR025354.D
 Acq: 17 Jun 2018 9:24

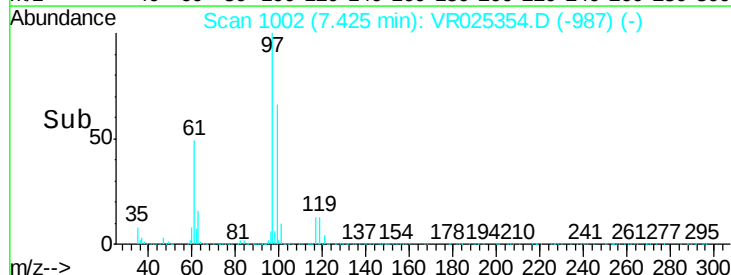
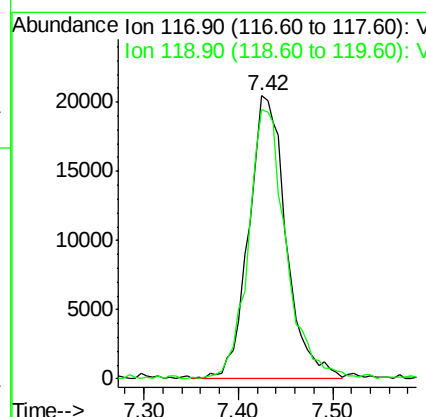
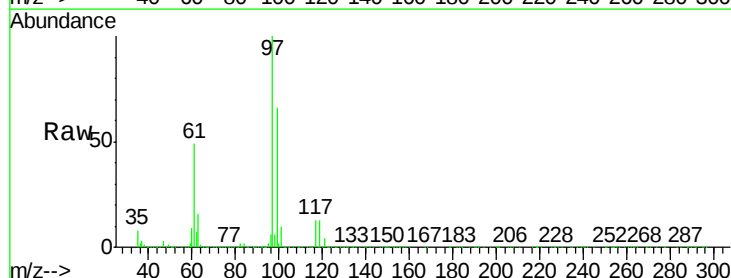
Instrument :
 MSVOA_R
 ClientSampleId :
 C0KF0

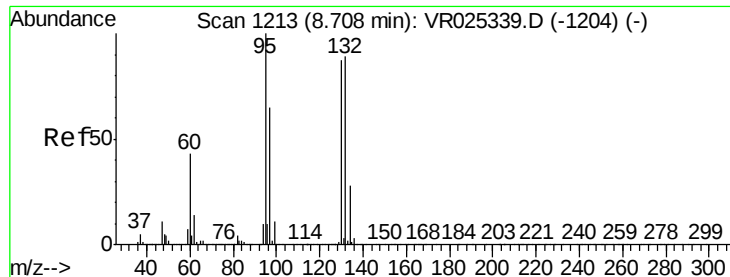
Tgt Ion: 97 Resp: 449707
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.1 78.1
 61 49.0 37.0 55.6



#31
 Carbon tetrachloride
 Concen: 1.241 ug/L
 RT: 7.42 min Scan# 1002
 Delta R.T. -0.21 min
 Lab File: VR025354.D
 Acq: 17 Jun 2018 9:24

Tgt Ion: 117 Resp: 56930
 Ion Ratio Lower Upper
 117 100
 119 96.0 75.5 113.3





#34

Trichloroethene

Concen: 0.400 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025354.D

Acq: 17 Jun 2018 9:24

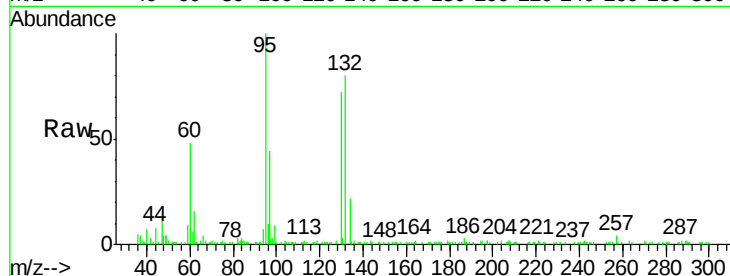
Instrument :

MSVOA_R

ClientSampleId :

C0KF0

Tgt Ion:	95	Resp:	16719
Ion	Ratio	Lower	Upper
95	100		
97	43.9	45.6	84.6#
132	80.3	60.9	113.1
130	75.4	62.0	115.2

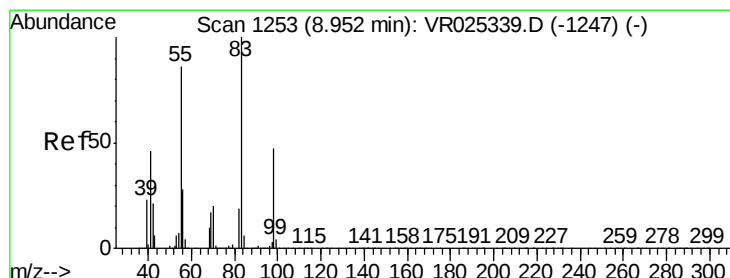
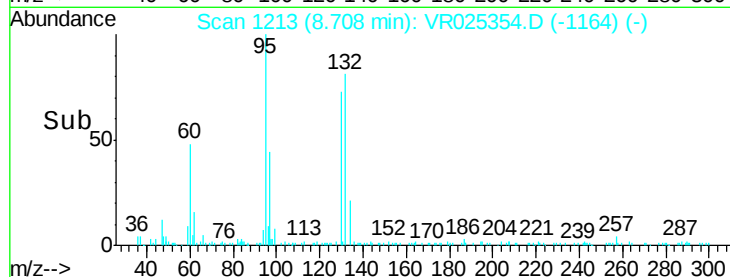
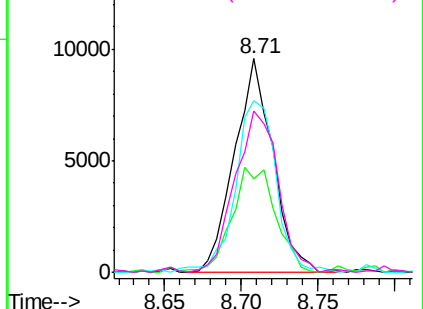


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.595 ug/L

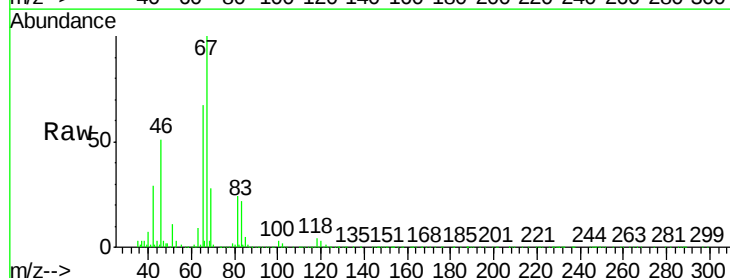
RT: 8.90 min Scan# 1244

Delta R.T. -0.05 min

Lab File: VR025354.D

Acq: 17 Jun 2018 9:24

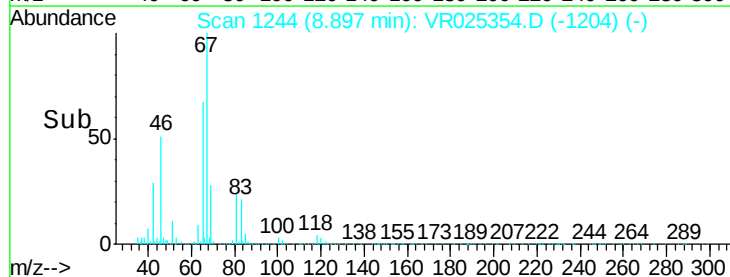
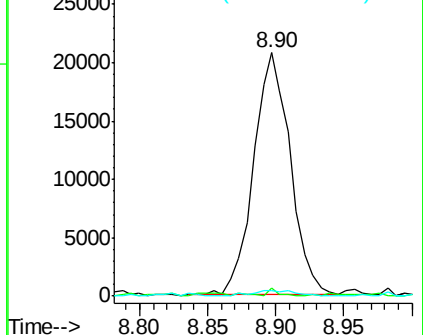
Tgt Ion:	83	Resp:	39278
Ion	Ratio	Lower	Upper
83	100		
55	1.0	66.1	99.1#
98	2.9	36.2	54.4#

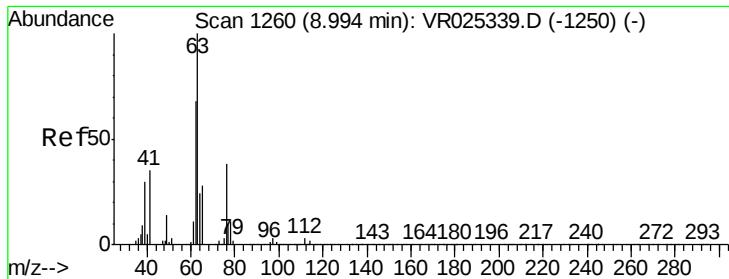


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

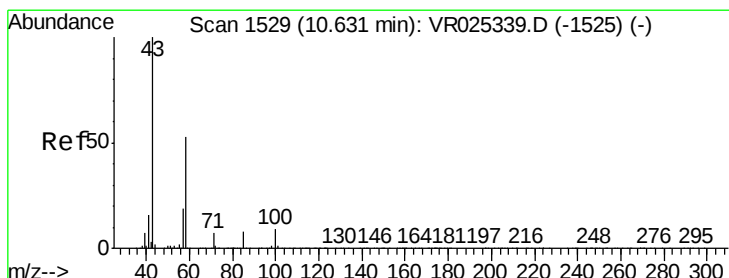
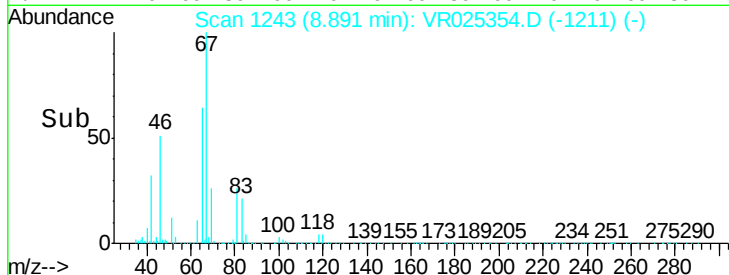
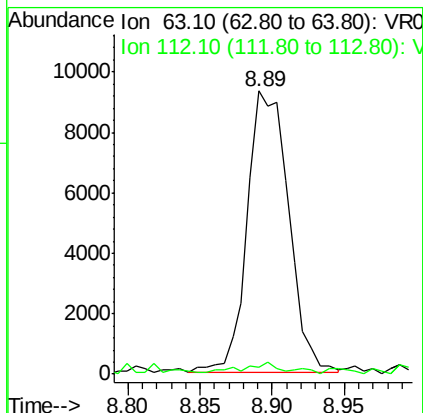
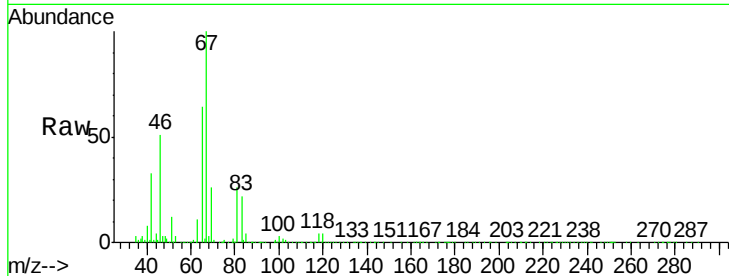




#37
 1,2-Dichloropropane
 Concen: 0.480 ug/L
 RT: 8.89 min Scan# 1243
 Delta R.T. -0.10 min
 Lab File: VR025354.D
 Acq: 17 Jun 2018 9:24

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Tgt Ion: 63 Resp: 18442
 Ion Ratio Lower Upper
 63 100
 112 3.1 2.9 4.3



#48
 2-Hexanone
 Concen: 3.279 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.04 min
 Lab File: VR025354.D
 Acq: 17 Jun 2018 9:24

Tgt Ion: 43 Resp: 25975
 Ion Ratio Lower Upper
 43 100
 58 36.1 43.1 64.7#
 57 28.7 15.3 22.9#
 100 3.5 7.9 11.9#

