

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061918\
 Data File : VR025366.D
 Acq On : 19 Jun 2018 15:22
 Operator : SY/MD
 Sample : J3553-10
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KJ8

Quant Time: Jun 20 01:38:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 20 01:37:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	560616	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	495773	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	162048	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	82449	4.32	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	2.64	69	67321	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	3.64	63	234561	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.60%
20) 2-Butanone-d5	6.60	46	309849	60.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.08%
24) Chloroform-d	7.21	84	383792	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	7.90	65	158475	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	7.86	84	820360	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	8.90	67	256000	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	9.97	98	718809	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	10.24	79	56229	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	10.59	63	274454	62.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.44%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	110713	5.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	171320	6.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.60%#

Target Compounds

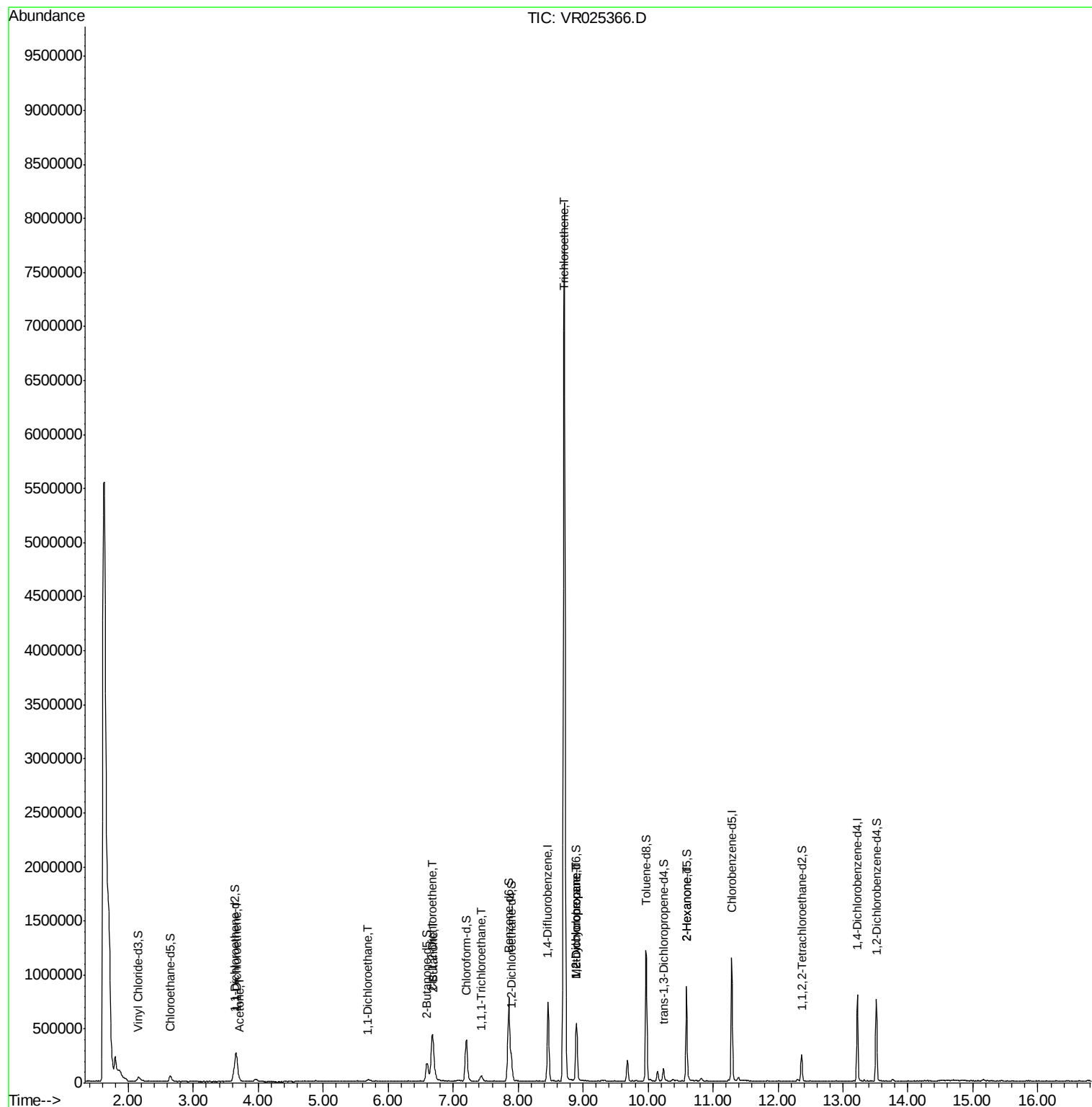
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.67	96	93650	4.752	ug/L	92
13) Acetone	3.71	43	10226	4.424	ug/L	90
19) 1,1-Dichloroethane	5.69	63	19049	0.250	ug/L	91
21) 2-Butanone	6.69	43	58642	10.733	ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	234002	5.535	ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	42032	0.714	ug/L	94
34) Trichloroethene	8.71	95	2981990	63.320	ug/L	97
35) Methylcyclohexane	8.90	83	57229	0.770	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	26552	0.614	ug/L #	95
48) 2-Hexanone	10.59	43	33237	3.724	ug/L #	68

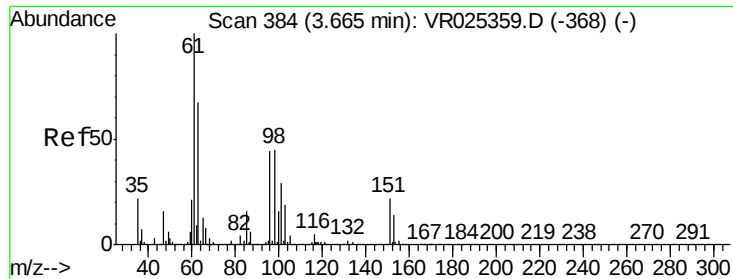
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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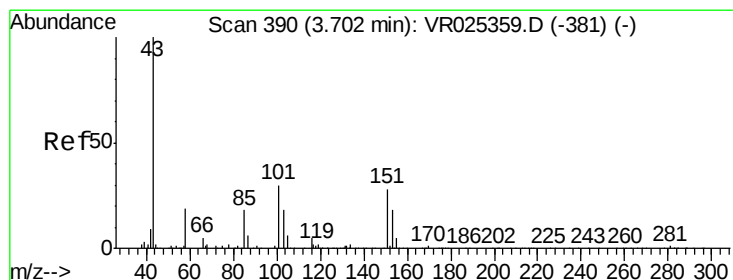
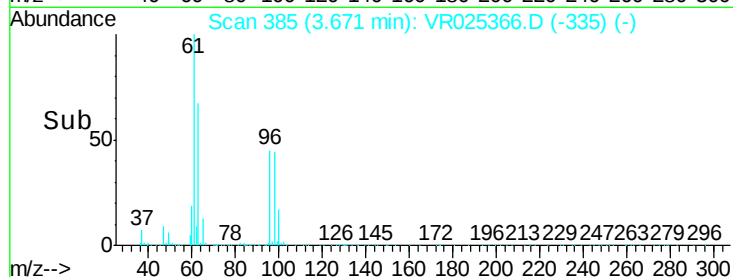
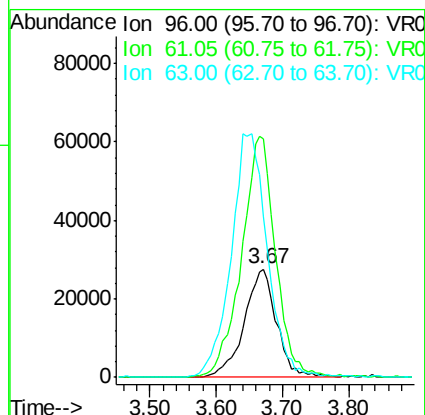
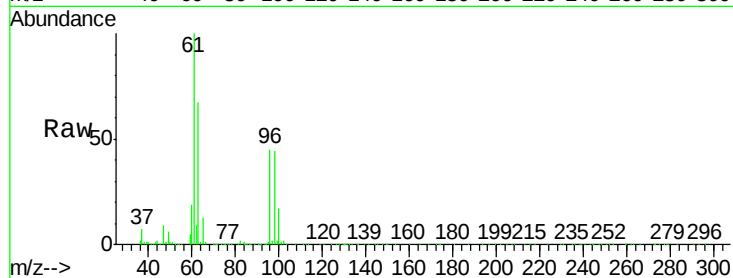




#12
 1,1-Dichloroethene
 Concen: 4.752 ug/L
 RT: 3.67 min Scan# 385
 Delta R.T. 0.01 min
 Lab File: VR025366.D
 Acq: 19 Jun 2018 15:22

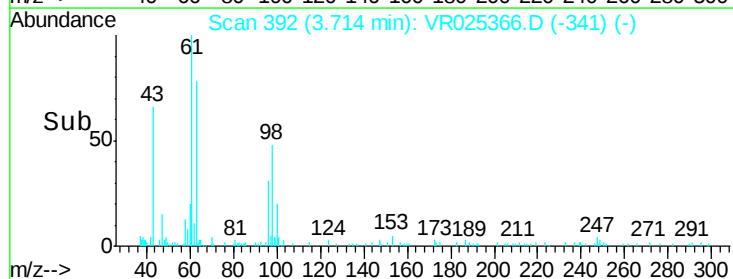
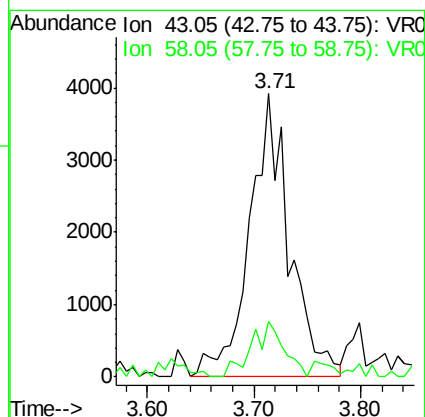
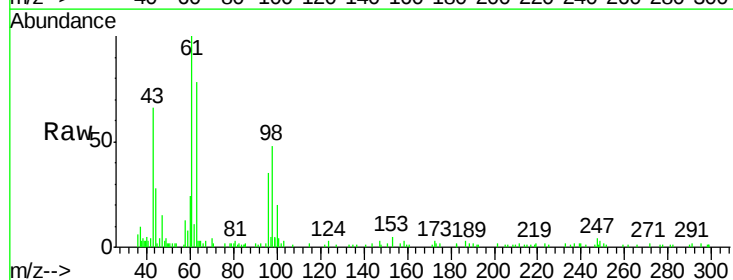
Instrument :
 MSVOA_R
 ClientSampleId :
 C0KJ8

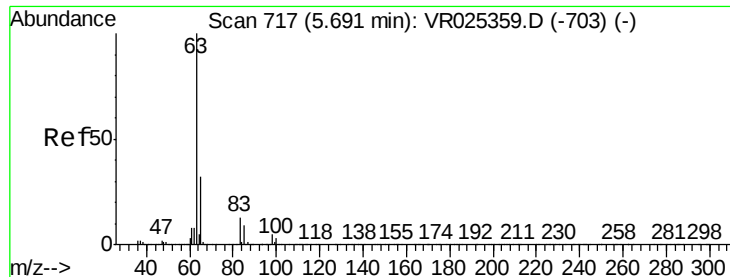
Tgt Ion: 96 Resp: 93650
 Ion Ratio Lower Upper
 96 100
 61 221.3 155.0 287.9
 63 149.0 122.3 227.1



#13
 Acetone
 Concen: 4.424 ug/L
 RT: 3.71 min Scan# 392
 Delta R.T. 0.01 min
 Lab File: VR025366.D
 Acq: 19 Jun 2018 15:22

Tgt Ion: 43 Resp: 10226
 Ion Ratio Lower Upper
 43 100
 58 16.0 0.0 41.6





#19

1,1-Dichloroethane

Concen: 0.250 ug/L

RT: 5.69 min Scan# 717

Delta R.T. -0.00 min

Lab File: VR025366.D

Acq: 19 Jun 2018 15:22

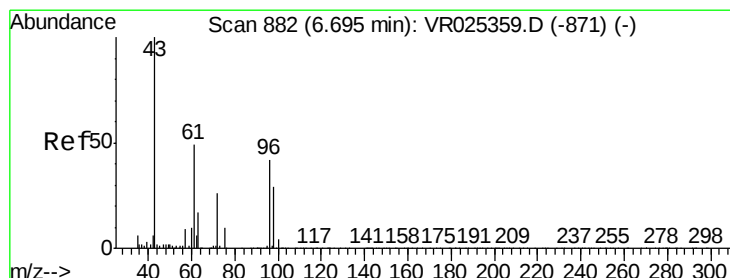
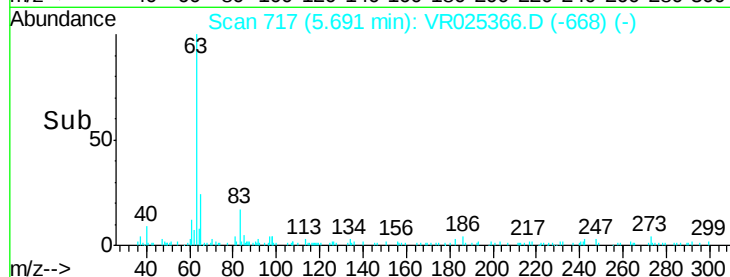
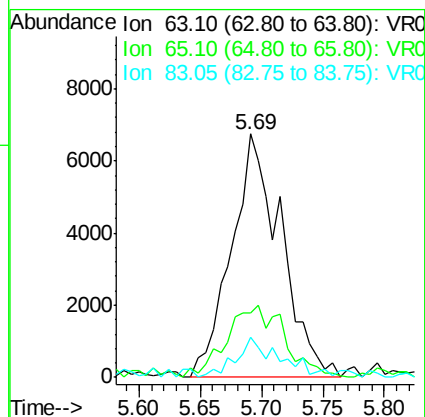
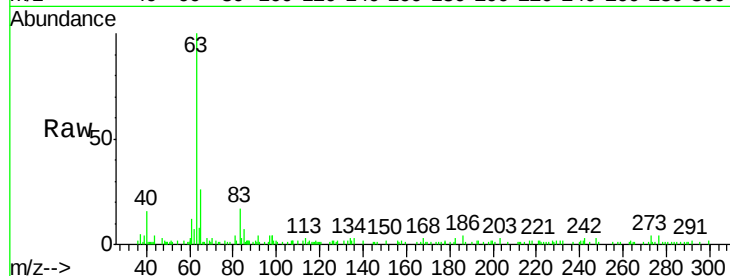
Instrument :

MSVOA_R

ClientSampleId :

C0KJ8

Tgt Ion:	63	Resp:	19049
Ion	Ratio	Lower	Upper
63	100		
65	26.4	22.5	41.7
83	16.6	9.5	17.7



#21

2-Butanone

Concen: 10.733 ug/L

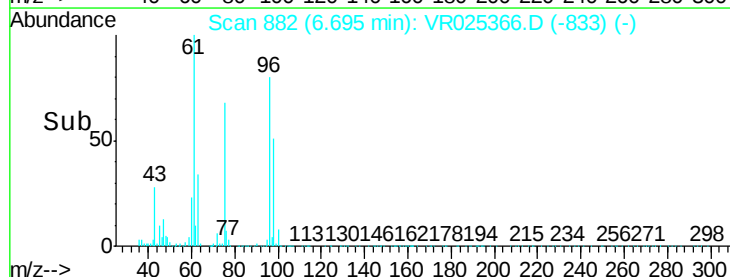
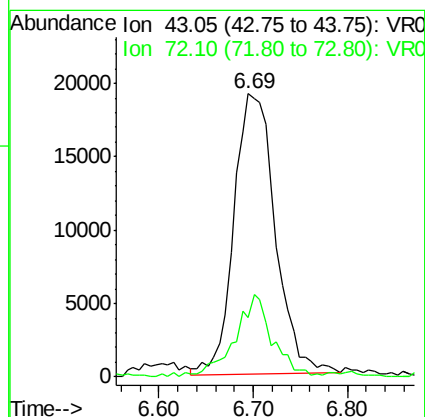
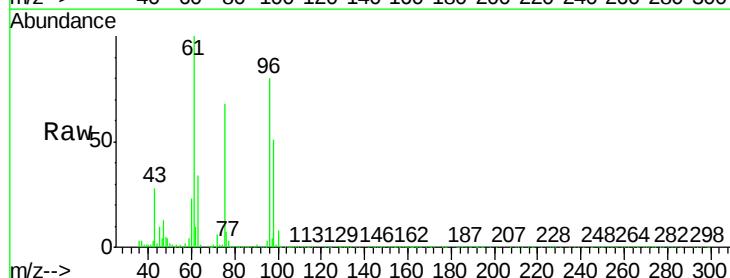
RT: 6.69 min Scan# 882

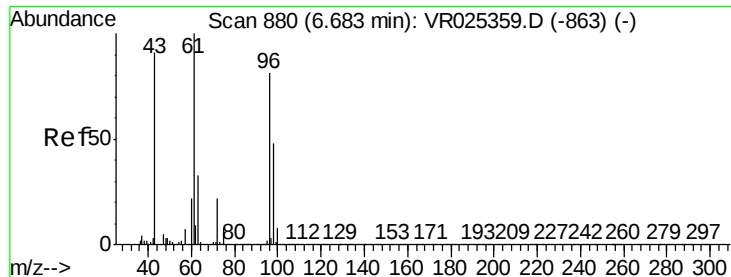
Delta R.T. -0.00 min

Lab File: VR025366.D

Acq: 19 Jun 2018 15:22

Tgt Ion:	43	Resp:	58642
Ion	Ratio	Lower	Upper
43	100		
72	26.6	13.0	38.9



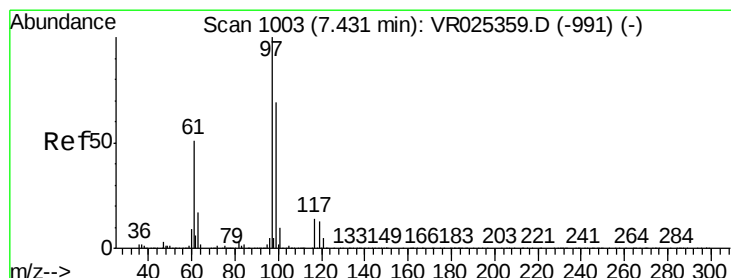
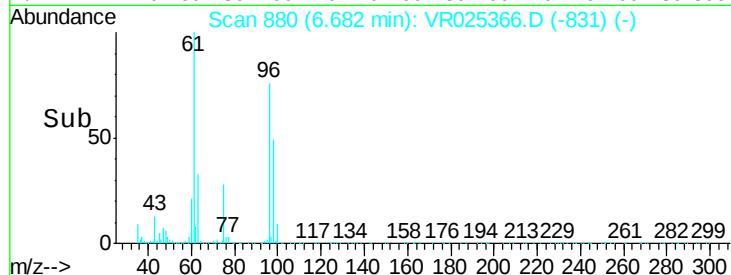
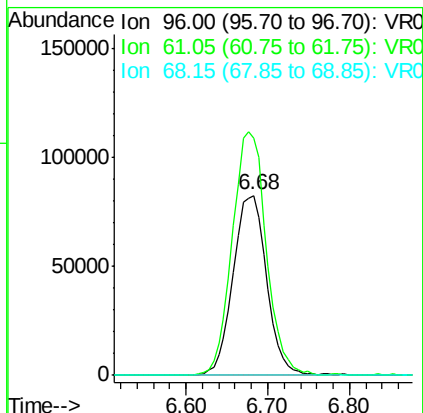
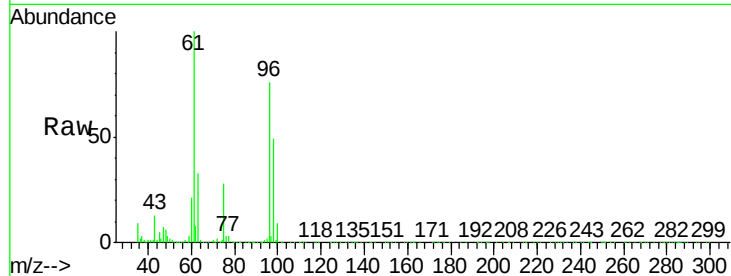


#22

cis-1,2-Dichloroethene
Concen: 5.535 ug/L
RT: 6.68 min Scan# 880
Delta R.T. -0.00 min
Lab File: VR025366.D
Acq: 19 Jun 2018 15:22

Instrument :
MSVOA_R
ClientSampleId :
C0KJ8

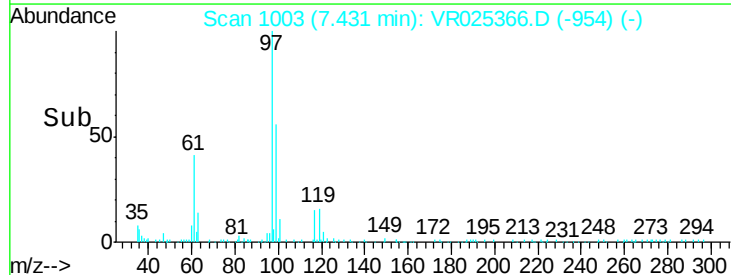
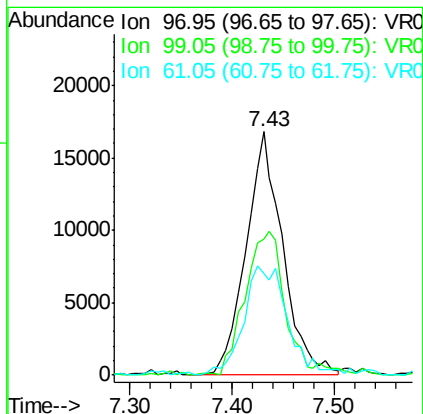
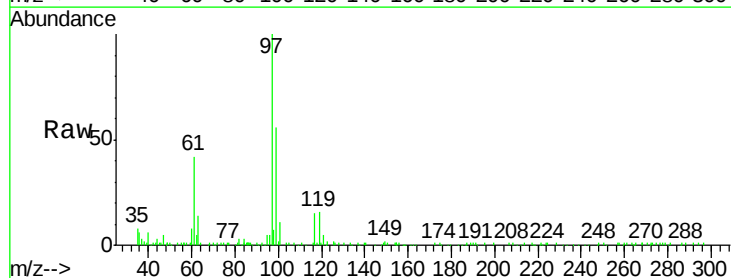
Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.3	91.0	169.0
68	0.0	0.0	0.0

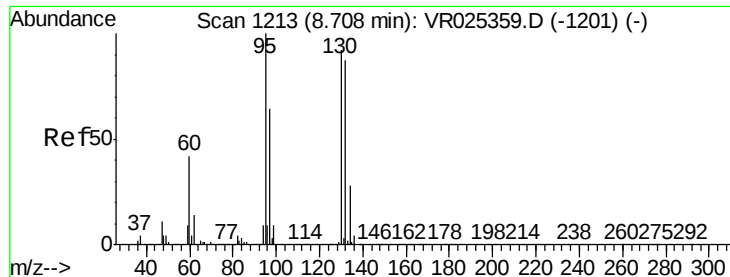


#29

1,1,1-Trichloroethane
Concen: 0.714 ug/L
RT: 7.43 min Scan# 1003
Delta R.T. -0.00 min
Lab File: VR025366.D
Acq: 19 Jun 2018 15:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	52.1	78.1
61	53.3	37.0	55.6





#34

Trichloroethene

Concen: 63.320 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

Lab File: VR025366.D

Acq: 19 Jun 2018 15:22

Instrument :

MSVOA_R

ClientSampleId :

C0KJ8

Tgt Ion: 95 Resp: 2981990

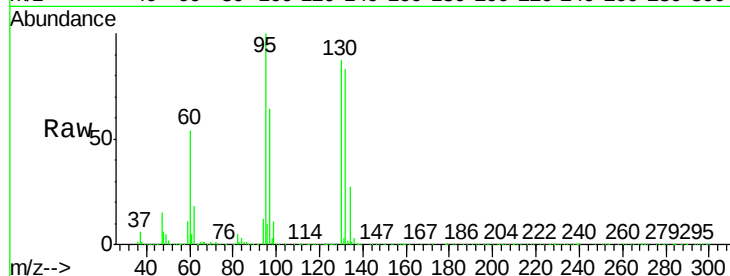
Ion Ratio Lower Upper

95 100

97 63.9 45.6 84.6

132 82.5 60.9 113.1

130 86.6 62.0 115.2

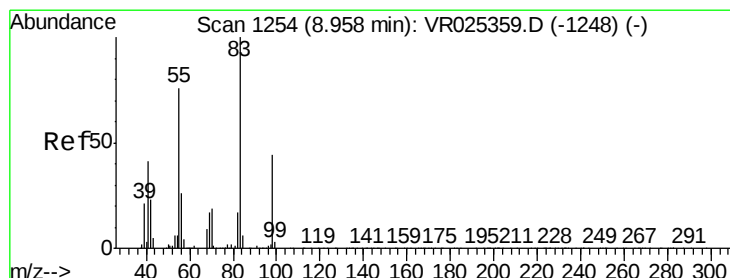
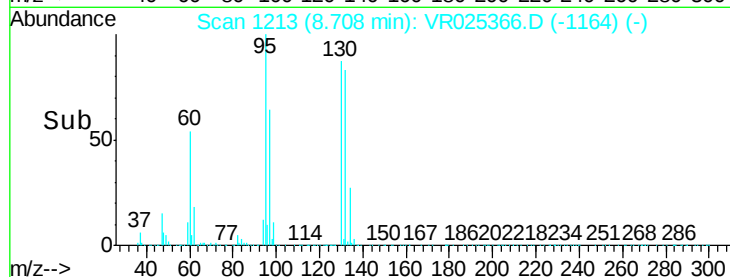
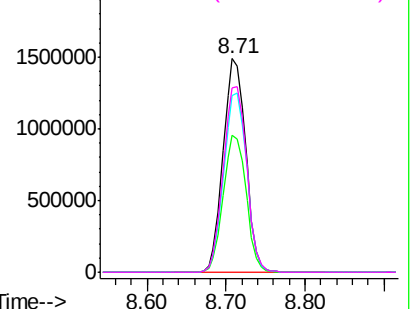


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.770 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025366.D

Acq: 19 Jun 2018 15:22

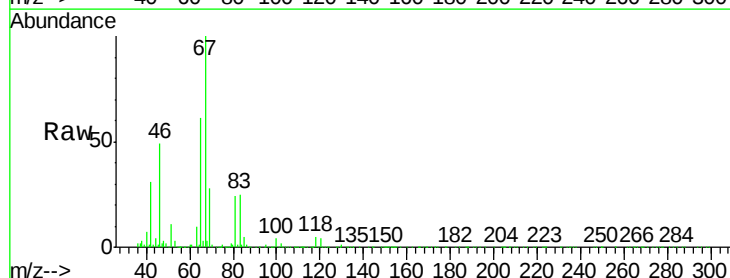
Tgt Ion: 83 Resp: 57229

Ion Ratio Lower Upper

83 100

55 1.3 66.1 99.1#

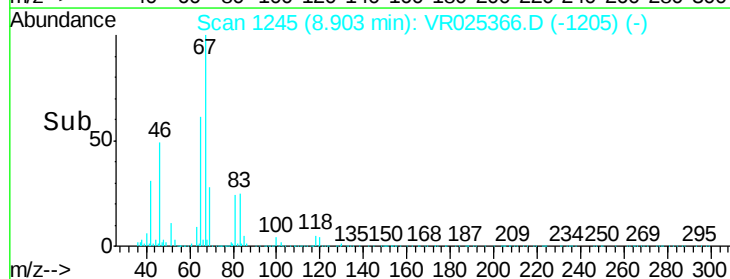
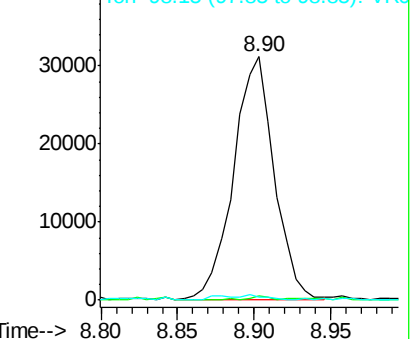
98 0.0 36.2 54.4#

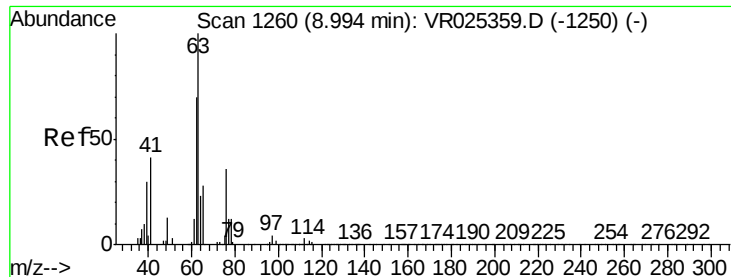


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.614 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025366.D

Acq: 19 Jun 2018 15:22

Instrument :

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ClientSampleId :

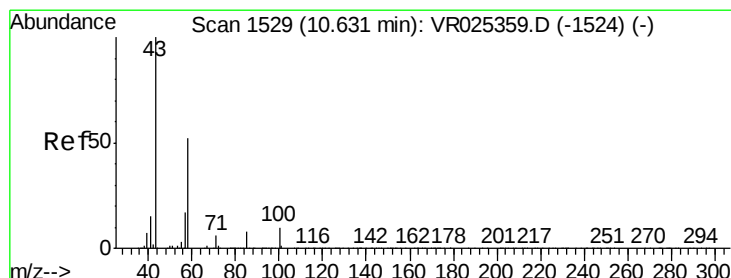
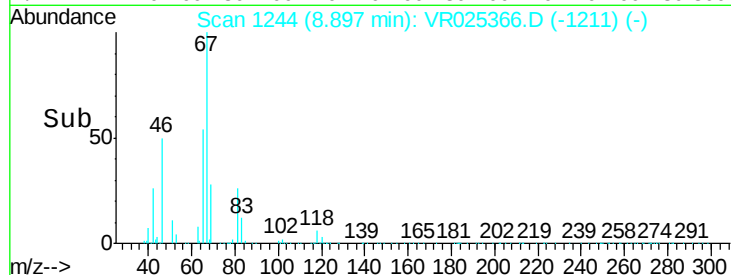
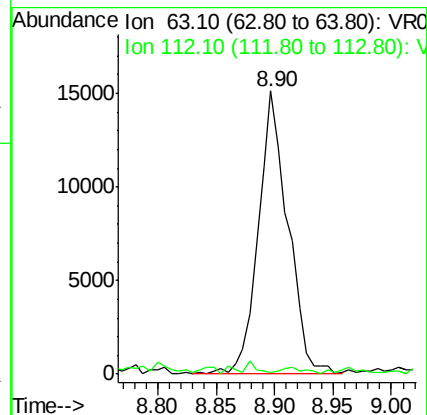
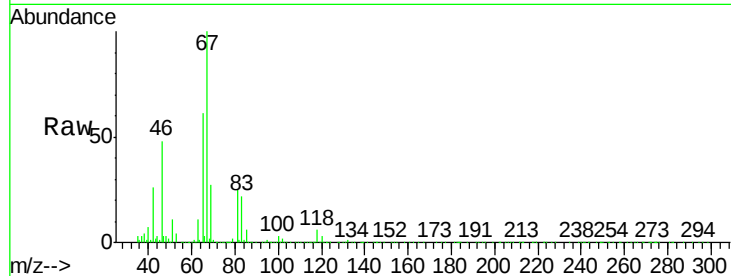
C0KJ8

Tgt Ion: 63 Resp: 26552

Ion Ratio Lower Upper

63 100

112 1.9 2.9 4.3#



#48

2-Hexanone

Concen: 3.724 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025366.D

Acq: 19 Jun 2018 15:22

Tgt Ion: 43 Resp: 33237

Ion Ratio Lower Upper

43 100

58 26.5 43.1 64.7#

57 28.8 15.3 22.9#

100 3.9 7.9 11.9#

