

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025349.D
 Acq On : 17 Jun 2018 6:40
 Operator : SY/MD
 Sample : J3513-09
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KE5

Quant Time: Jun 18 04:10:26 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	547701	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	457916	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	146725	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	74658	4.00	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	2.64	69	59336	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	3.63	63	176364	3.68	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	6.59	46	265413	53.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.16%
24) Chloroform-d	7.20	84	285490	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	7.89	65	116737	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	7.85	84	577265	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.40%
36) 1,2-Dichloropropane-d6	8.90	67	190714	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	9.97	98	458925	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.80%#
43) trans-1,3-Dichloropropene-	10.24	79	24081	2.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	41.00%#
46) 2-Hexanone-d5	10.59	63	207766	50.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	85782	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	111489	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

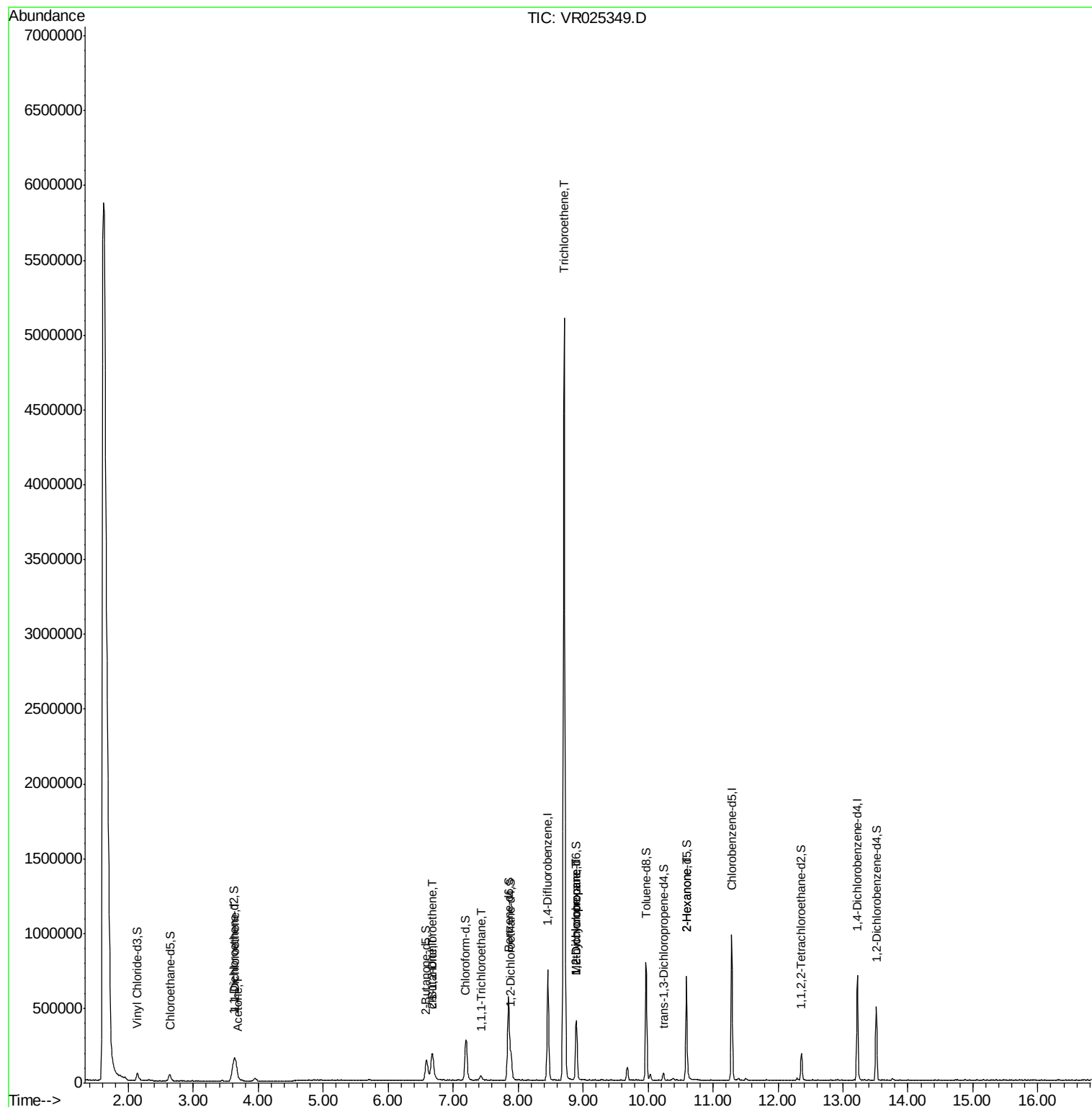
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.65	96	65209	3.387	ug/L	73
13) Acetone	3.70	43	13838	6.127	ug/L	92
21) 2-Butanone	6.69	43	6967	1.305	ug/L	81
22) cis-1,2-Dichloroethene	6.68	96	77245	1.870	ug/L #	100
29) 1,1,1-Trichloroethane	7.42	97	23517	0.432	ug/L	94
34) Trichloroethene	8.71	95	1757230	40.398	ug/L	99
35) Methylcyclohexane	8.89	83	43446	0.633	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	19633	0.491	ug/L	98
48) 2-Hexanone	10.59	43	25988	3.152	ug/L #	77

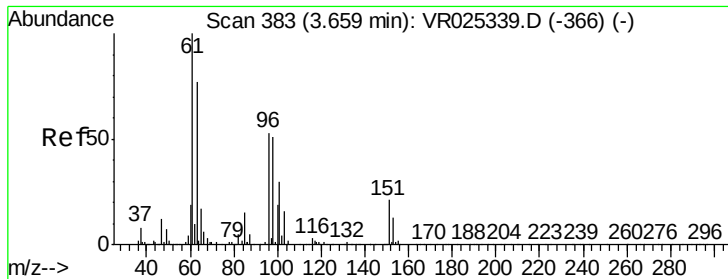
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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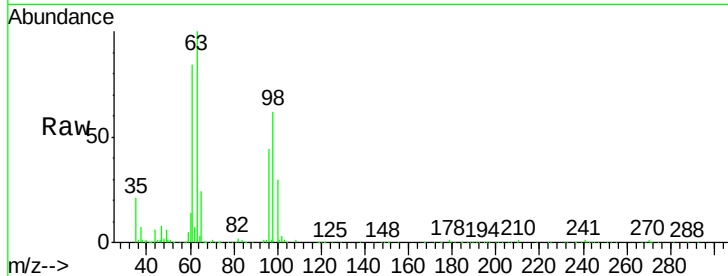




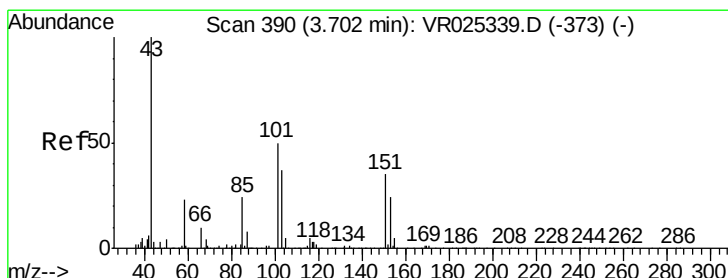
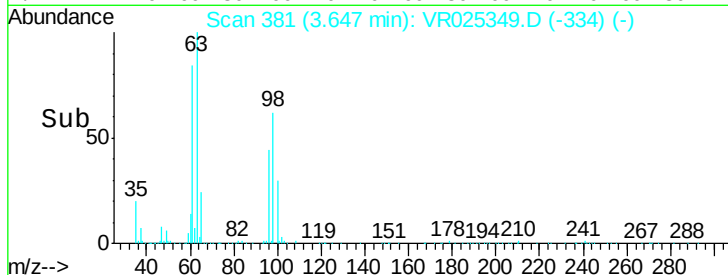
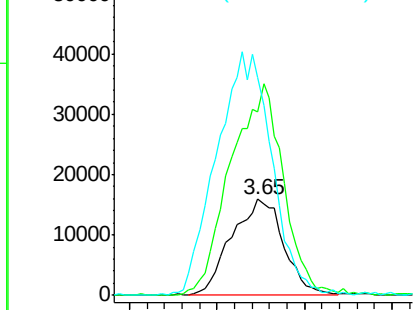
#12
1,1-Dichloroethene
Concen: 3.387 ug/L
RT: 3.65 min Scan# 381
Delta R.T. -0.01 min
Lab File: VR025349.D
Acq: 17 Jun 2018 6:40

Instrument :
MSVOA_R
ClientSampleId :
C0KE5

Tgt Ion: 96 Resp: 65209
Ion Ratio Lower Upper
96 100
61 190.3 155.0 287.9
63 226.2 122.3 227.1

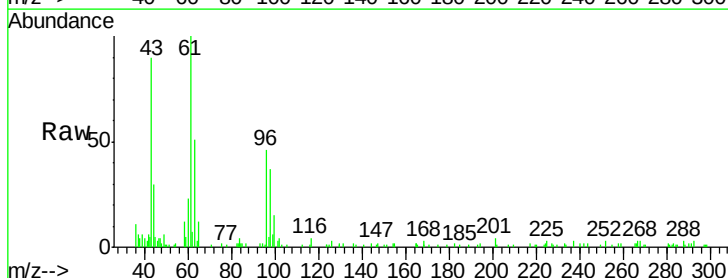


Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 63.00 (62.70 to 63.70): VR0

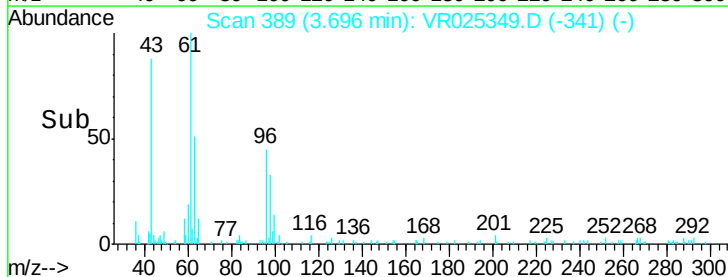
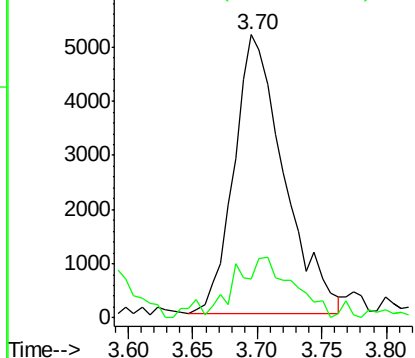


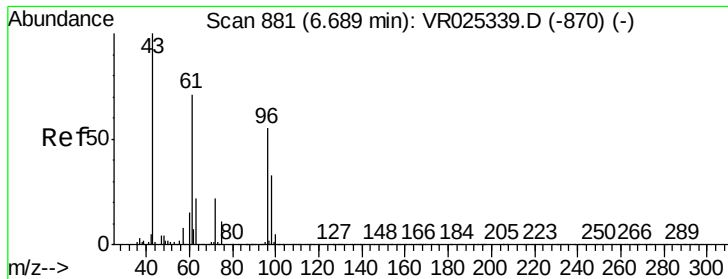
#13
Acetone
Concen: 6.127 ug/L
RT: 3.70 min Scan# 389
Delta R.T. -0.01 min
Lab File: VR025349.D
Acq: 17 Jun 2018 6:40

Tgt Ion: 43 Resp: 13838
Ion Ratio Lower Upper
43 100
58 24.5 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 58.05 (57.75 to 58.75): VR0





#21

2-Butanone

Concen: 1.305 ug/L

RT: 6.69 min Scan# 881

Delta R.T. 0.00 min

Lab File: VR025349.D

Acq: 17 Jun 2018 6:40

Instrument :

MSVOA_R

ClientSampled :

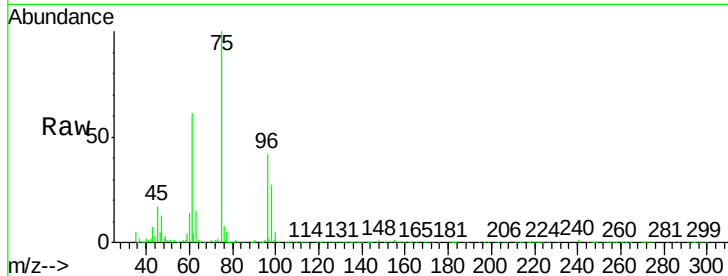
C0KE5

Tgt Ion: 43 Resp: 6967

Ion Ratio Lower Upper

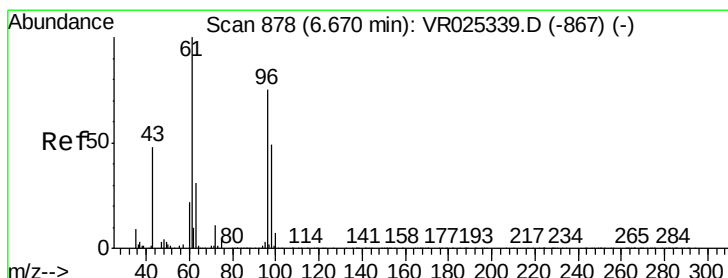
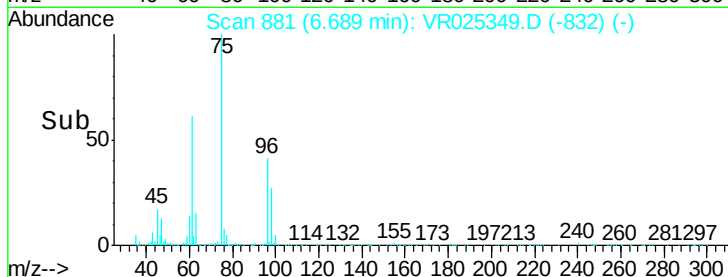
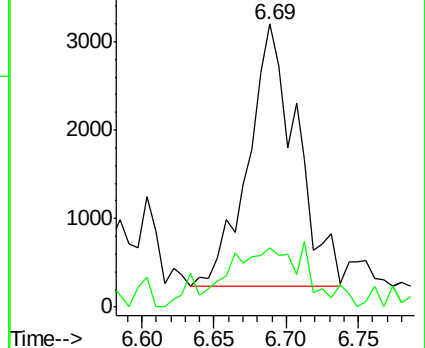
43 100

72 35.4 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: 1.870 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.01 min

Lab File: VR025349.D

Acq: 17 Jun 2018 6:40

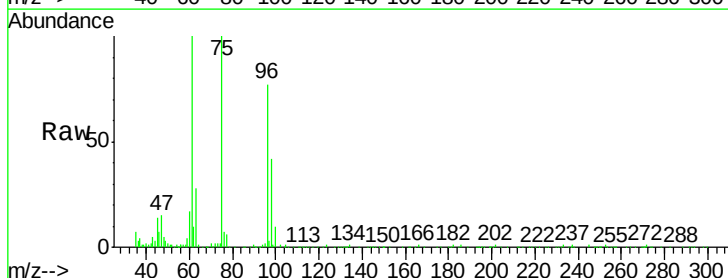
Tgt Ion: 96 Resp: 77245

Ion Ratio Lower Upper

96 100

61 129.4 91.0 169.0

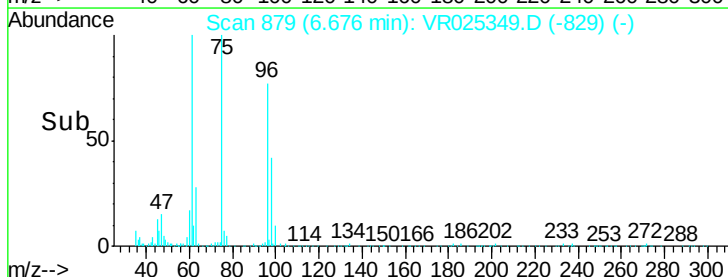
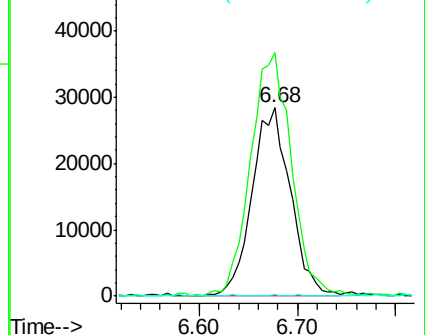
68 0.7 0.0 0.0#

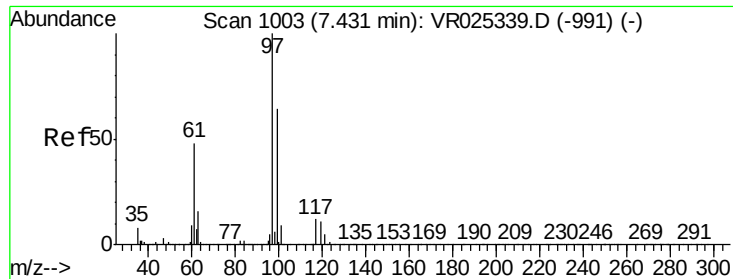


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0

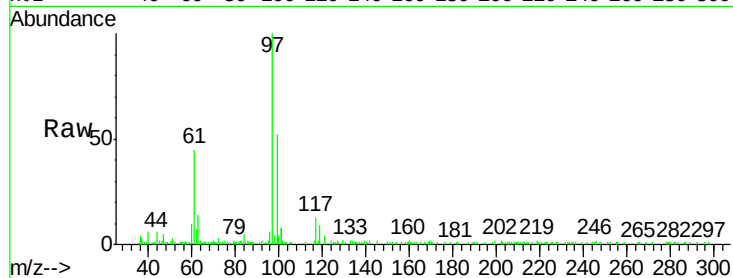




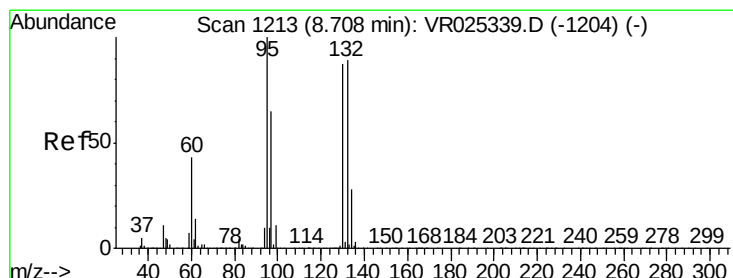
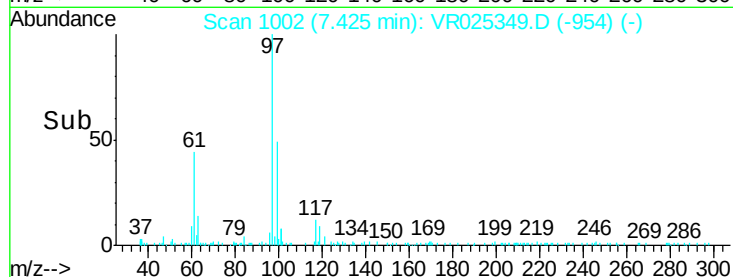
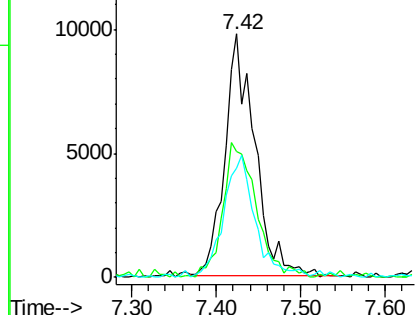
#29
 1,1,1-Trichloroethane
 Concen: 0.432 ug/L
 RT: 7.42 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: VR025349.D
 Acq: 17 Jun 2018 6:40

Instrument :
 MSVOA_R
 ClientSampleID :
 C0KE5

Tgt Ion:	97	Resp:	23517
Ion	Ratio	Lower	Upper
97	100		
99	62.4	52.1	78.1
61	52.1	37.0	55.6

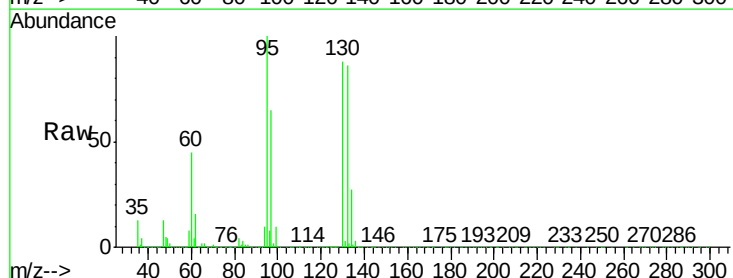


Abundance Ion 96.95 (96.65 to 97.65): VR0
 Ion 99.05 (98.75 to 99.75): VR0
 Ion 61.05 (60.75 to 61.75): VR0

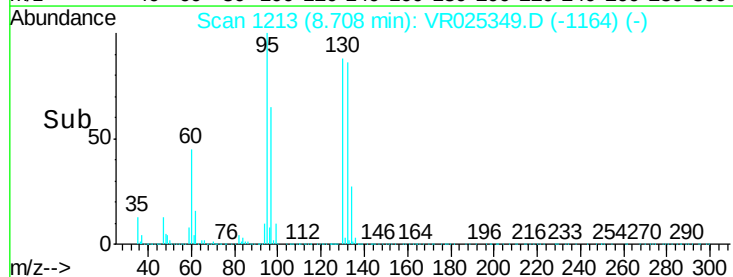
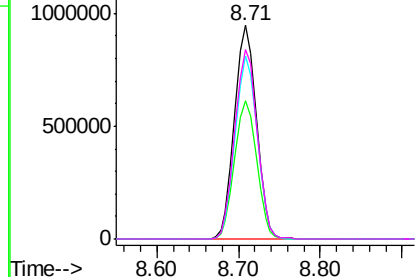


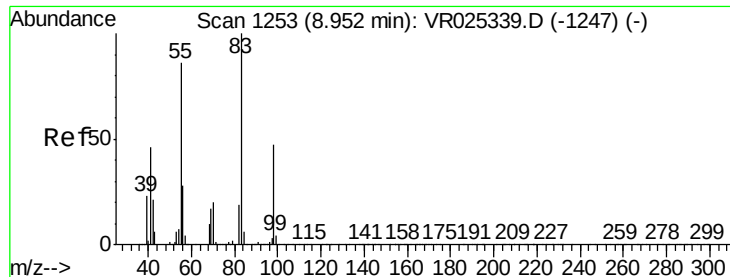
#34
 Trichloroethene
 Concen: 40.398 ug/L
 RT: 8.71 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: VR025349.D
 Acq: 17 Jun 2018 6:40

Tgt Ion:	95	Resp:	1757230
Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.6	84.6
132	85.9	60.9	113.1
130	88.5	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

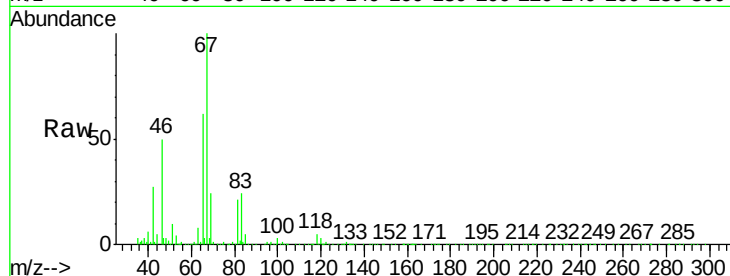




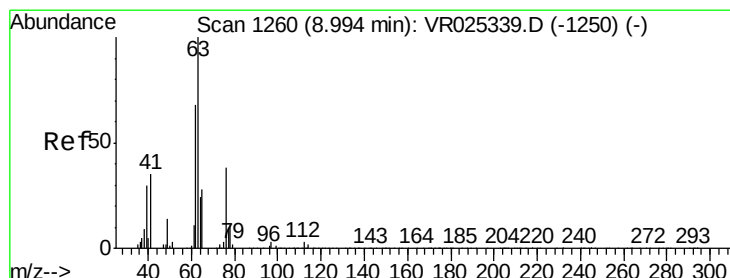
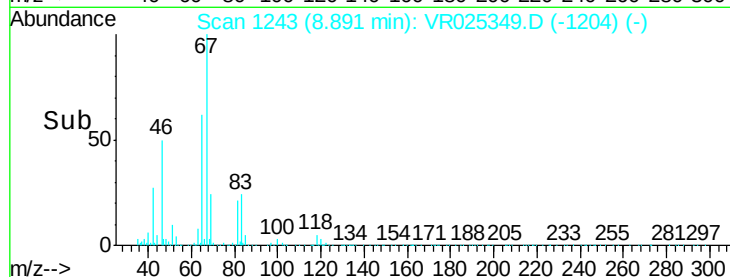
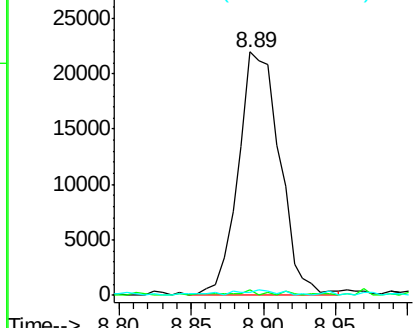
#35
Methylcyclohexane
Concen: 0.633 ug/L
RT: 8.89 min Scan# 1243
Delta R.T. -0.06 min
Lab File: VR025349.D
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Tgt Ion: 83 Resp: 43446
Ion Ratio Lower Upper
83 100
55 0.7 66.1 99.1#
98 0.0 36.2 54.4#

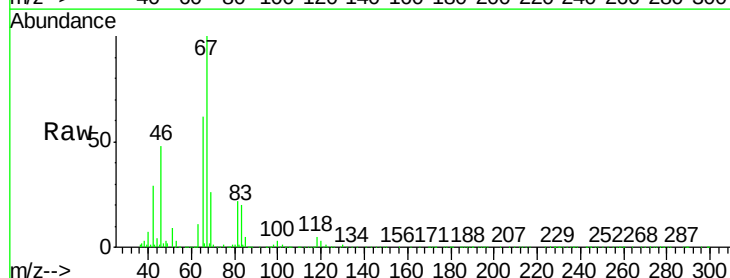


Abundance Ion 83.15 (82.85 to 83.85): VR0
Ion 55.10 (54.80 to 55.80): VR0
Ion 98.15 (97.85 to 98.85): VR0

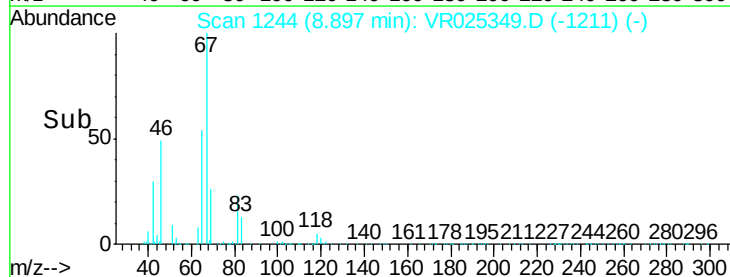
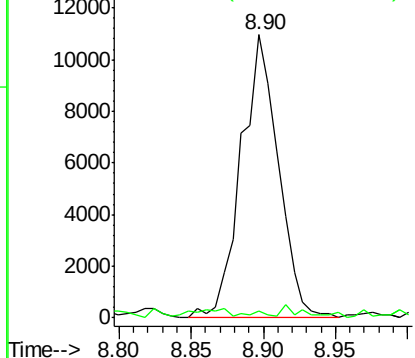


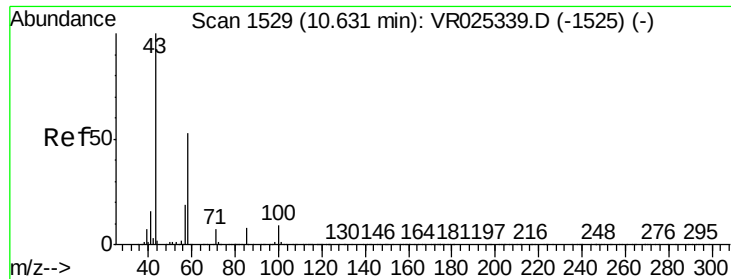
#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025349.D
Acq: 17 Jun 2018 6:40

Tgt Ion: 63 Resp: 19633
Ion Ratio Lower Upper
63 100
112 3.1 2.9 4.3



Abundance Ion 63.10 (62.80 to 63.80): VR0
Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 3.152 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.04 min
 Lab File: VR025349.D
 Acq: 17 Jun 2018 6:40

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KE5

Tgt Ion: 43 Resp: 25988
 Ion Ratio Lower Upper
 43 100
 58 36.7 43.1 64.7#
 57 30.5 15.3 22.9#
 100 4.3 7.9 11.9#

