

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025341.D
 Acq On : 17 Jun 2018 2:17
 Operator : SY/MD
 Sample : J3513-01
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KD6

Quant Time: Jun 18 04:09:28 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	622405	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	520955	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	169639	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	70836	3.34	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.80%
7) Chloroethane-d5	2.64	69	59365	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.20%
11) 1,1-Dichloroethene-d2	3.63	63	137765	2.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.60%#
20) 2-Butanone-d5	6.59	46	272374	47.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.86%
24) Chloroform-d	7.20	84	283117	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.60%
26) 1,2-Dichloroethane-d4	7.89	65	115877	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
32) Benzene-d6	7.86	84	558966	3.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.20%#
36) 1,2-Dichloropropane-d6	8.90	67	185053	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.80%
41) Toluene-d8	9.97	98	457959	2.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.60%#
43) trans-1,3-Dichloropropene-	10.24	79	31754	2.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	47.60%#
46) 2-Hexanone-d5	10.59	63	211827	45.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.40%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	84453	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	109835	3.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.40%#

Target Compounds

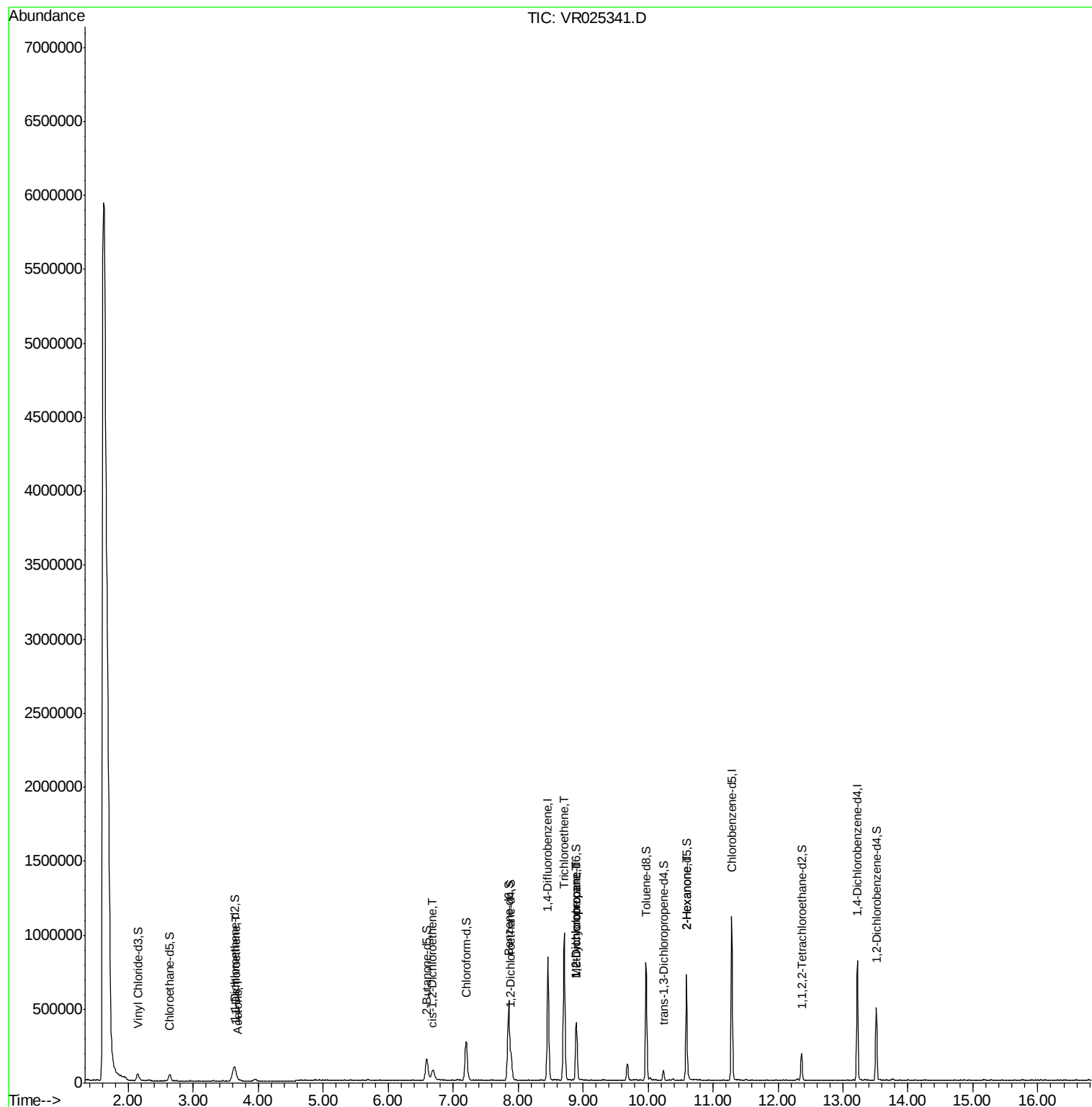
					Qvalue
12) 1,1-Dichloroethene	3.66	96	11927	0.545 ug/L #	1
13) Acetone	3.70	43	13637	5.314 ug/L	87
22) cis-1,2-Dichloroethene	6.67	96	10996	0.234 ug/L #	80
34) Trichloroethene	8.71	95	357180	7.218 ug/L	96
35) Methylcyclohexane	8.90	83	42802	0.548 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	18485	0.407 ug/L #	93
48) 2-Hexanone	10.59	43	27223	2.902 ug/L #	73

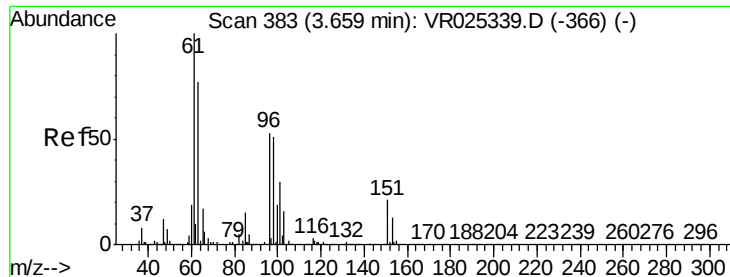
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.545 ug/L

RT: 3.66 min Scan# 383

Delta R.T. 0.00 min

Lab File: VR025341.D

Acq: 17 Jun 2018 2:17

Instrument :

MSVOA_R

ClientSampleId :

C0KD6

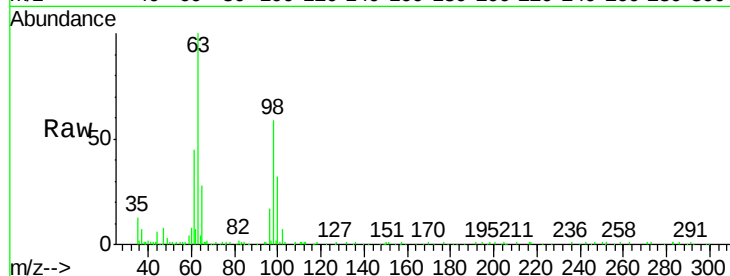
Tgt Ion: 96 Resp: 11927

Ion Ratio Lower Upper

96 100

61 266.3 155.0 287.9

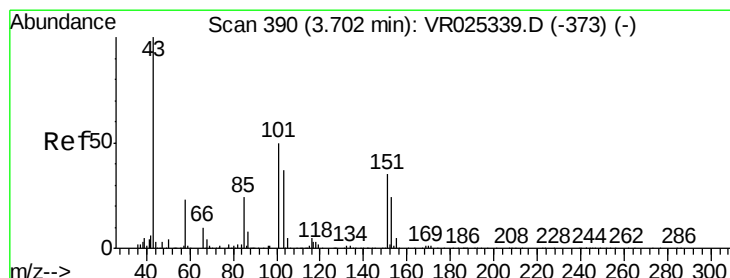
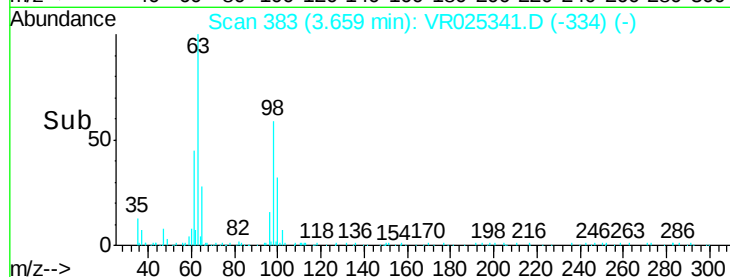
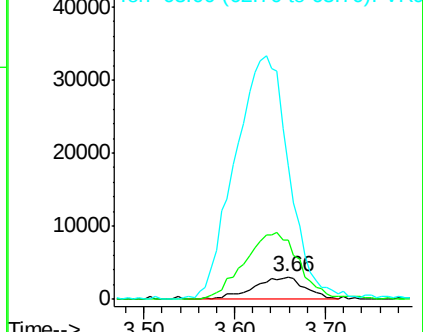
63 595.5 122.3 227.1#



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: 5.314 ug/L

RT: 3.70 min Scan# 389

Delta R.T. -0.01 min

Lab File: VR025341.D

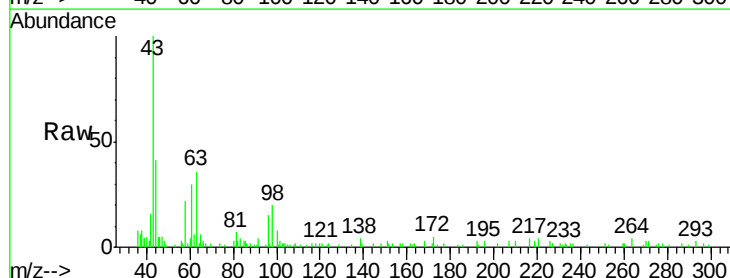
Acq: 17 Jun 2018 2:17

Tgt Ion: 43 Resp: 13637

Ion Ratio Lower Upper

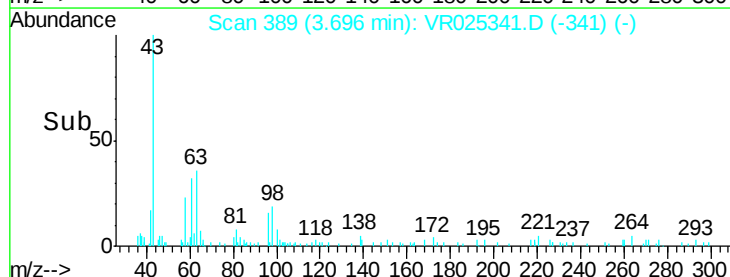
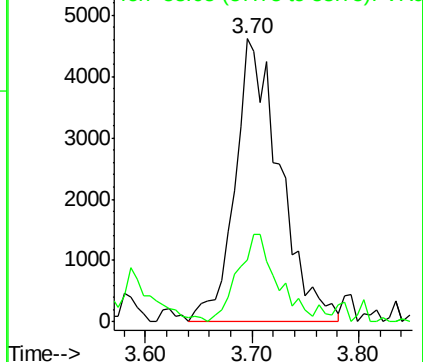
43 100

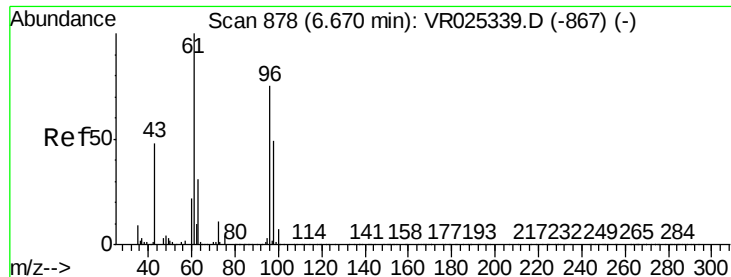
58 26.8 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



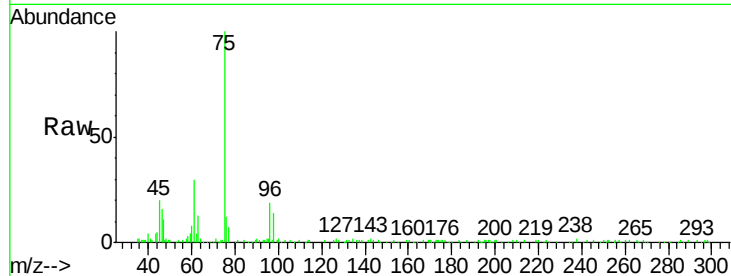


#22

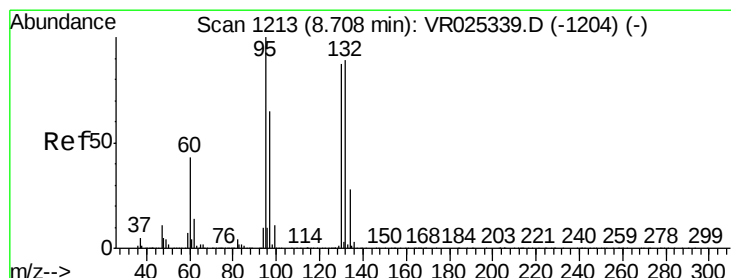
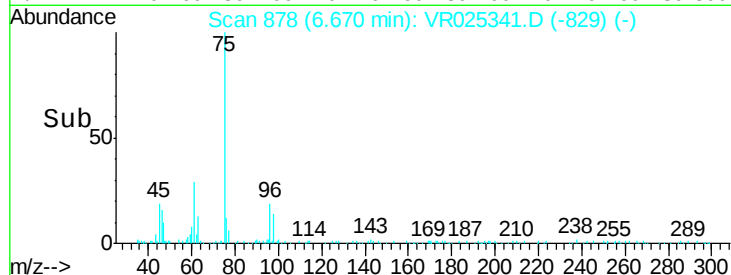
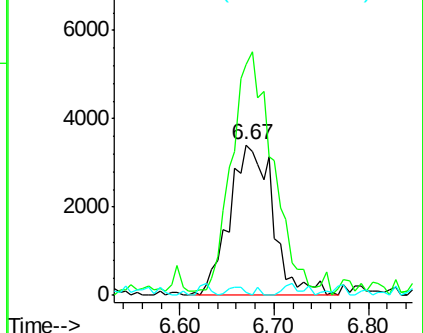
cis-1,2-Dichloroethene
Concen: 0.234 ug/L
RT: 6.67 min Scan# 878
Delta R.T. 0.00 min
Lab File: VR025341.D
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Tgt Ion: 96 Resp: 10996
Ion Ratio Lower Upper
96 100
61 153.7 91.0 169.0
68 2.0 0.0 0.0#



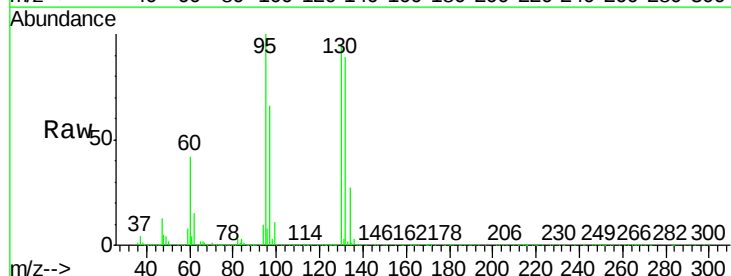
Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0



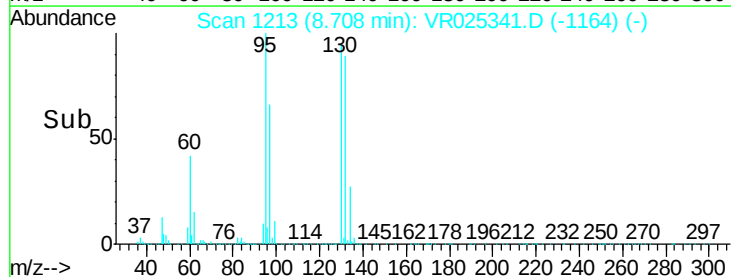
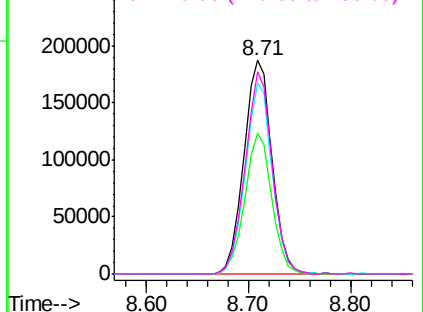
#34

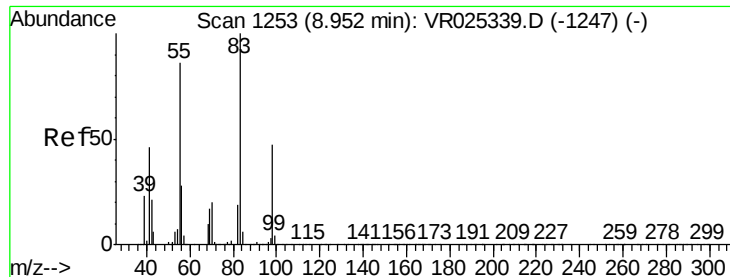
Trichloroethene
Concen: 7.218 ug/L
RT: 8.71 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VR025341.D
Acq: 17 Jun 2018 2:17

Tgt Ion: 95 Resp: 357180
Ion Ratio Lower Upper
95 100
97 66.0 45.6 84.6
132 89.1 60.9 113.1
130 94.9 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: 0.548 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.05 min

Lab File: VR025341.D

Acq: 17 Jun 2018 2:17

Instrument :

MSVOA_R

ClientSampleId :

C0KD6

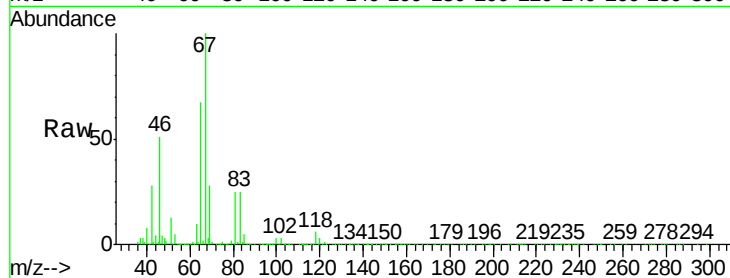
Tgt Ion: 83 Resp: 42802

Ion Ratio Lower Upper

83 100

55 1.2 66.1 99.1#

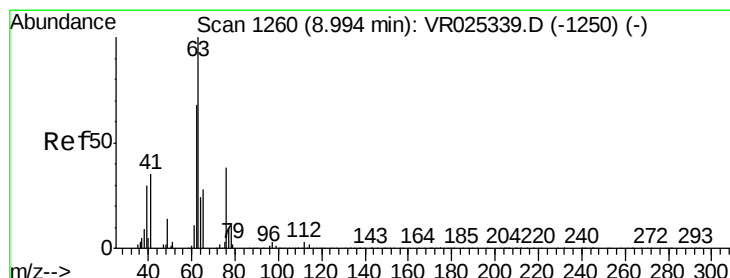
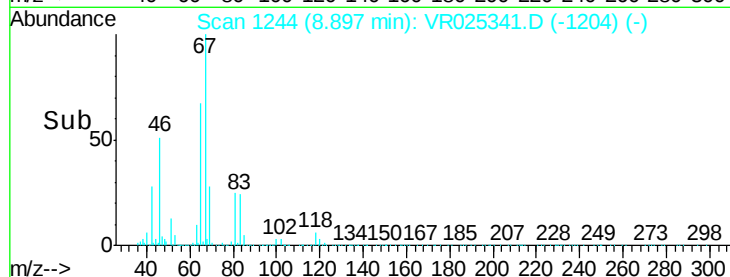
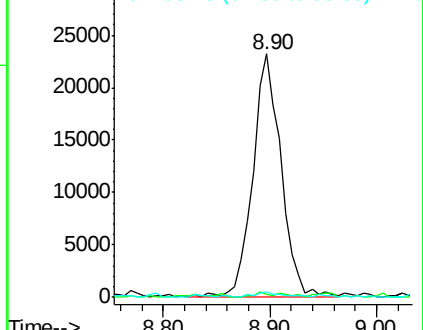
98 2.6 36.2 54.4#



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: 0.407 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025341.D

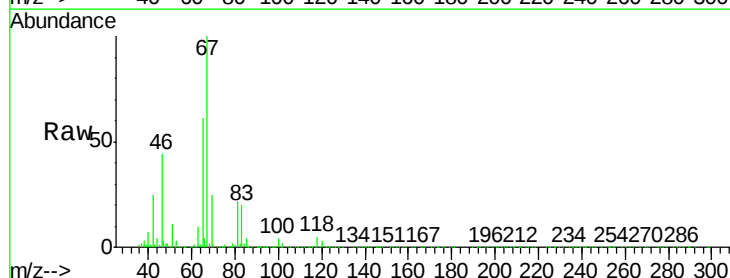
Acq: 17 Jun 2018 2:17

Tgt Ion: 63 Resp: 18485

Ion Ratio Lower Upper

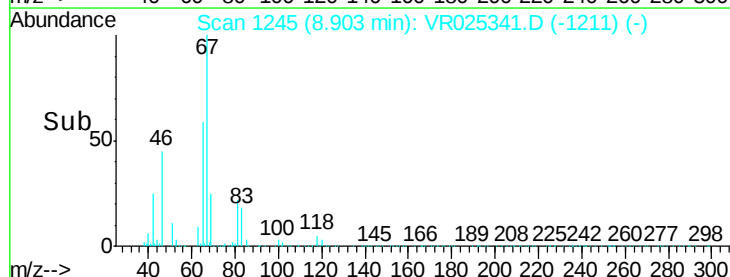
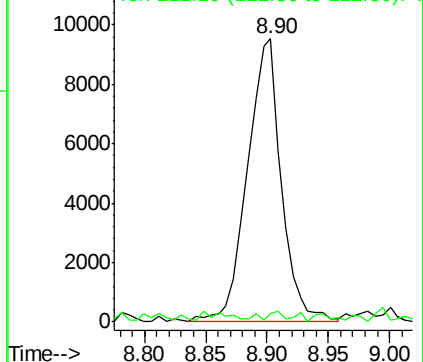
63 100

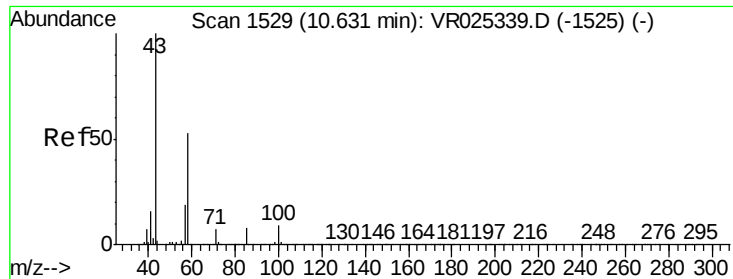
112 1.3 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 2.902 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.04 min
 Lab File: VR025341.D
 Acq: 17 Jun 2018 2:17

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 ClientSampleId :
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Tgt Ion: 43 Resp: 27223
 Ion Ratio Lower Upper
 43 100
 58 34.9 43.1 64.7#
 57 36.1 15.3 22.9#
 100 5.8 7.9 11.9#

