

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061918\
 Data File : VR025363.D
 Acq On : 19 Jun 2018 13:42
 Operator : SY/MD
 Sample : J3473-07DL 10X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KA8DL

Quant Time: Jun 20 01:37:40 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	547803	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	468353	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	164646	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	87336	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	2.64	69	65515	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	3.63	63	180840	3.77	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	6.60	46	286698	57.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.64%
24) Chloroform-d	7.21	84	352579	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	7.89	65	147720	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	7.86	84	768979	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	8.90	67	232892	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	9.97	98	679224	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	10.24	79	49448	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	10.59	63	243825	58.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.02%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	103891	5.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	158505	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

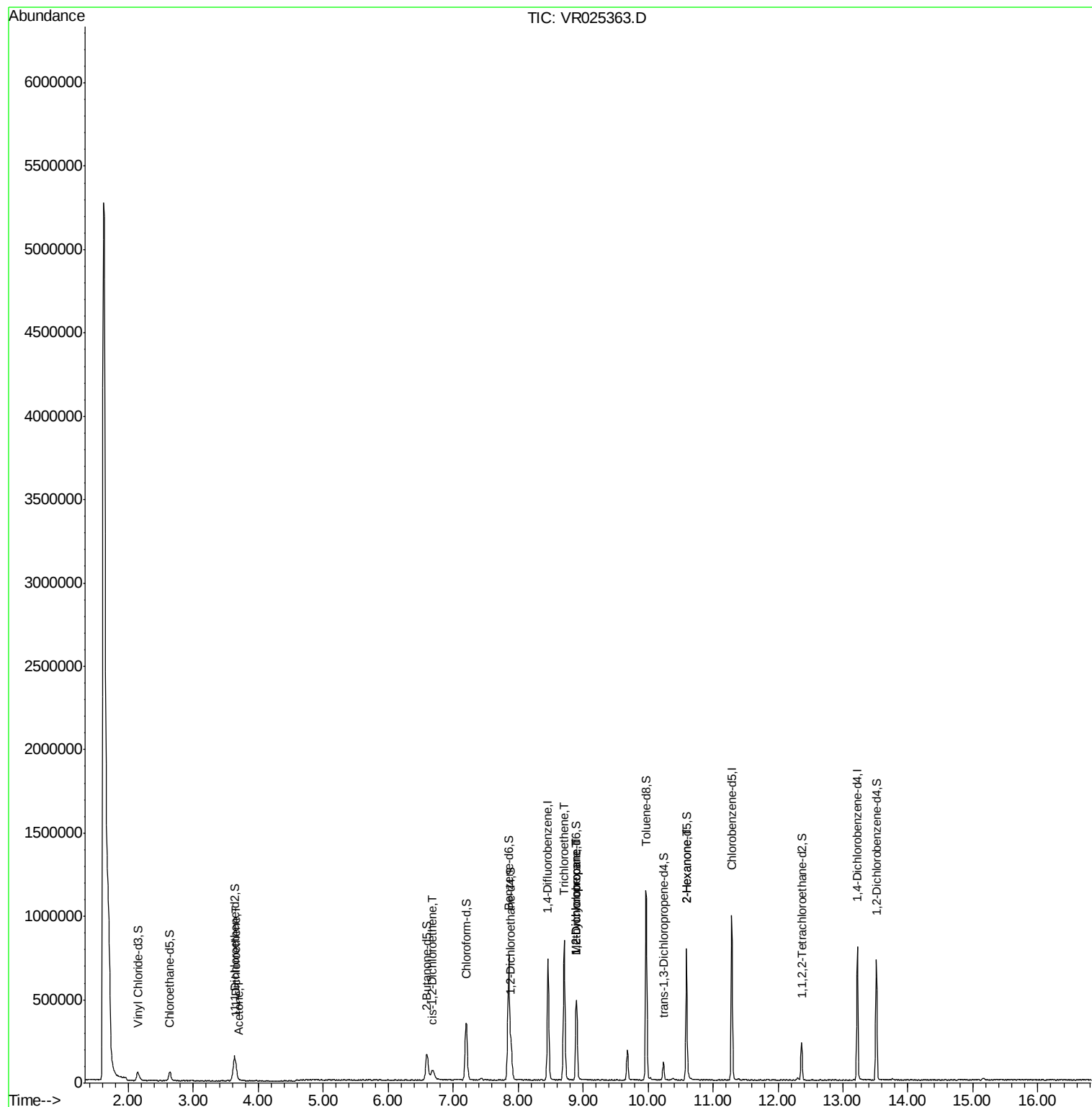
					Qvalue
12) 1,1-Dichloroethene	3.66	96	11220	0.583 ug/L #	1
13) Acetone	3.71	43	2775	1.229 ug/L	65
22) cis-1,2-Dichloroethene	6.68	96	25085	0.607 ug/L #	87
34) Trichloroethene	8.71	95	291442	6.551 ug/L	97
35) Methylcyclohexane	8.90	83	53690	0.765 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	22865	0.559 ug/L #	94
48) 2-Hexanone	10.59	43	31282	3.710 ug/L #	70

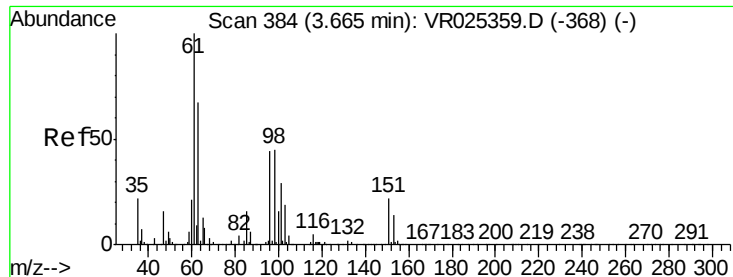
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 20 01:37:06 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.583 ug/L

RT: 3.66 min Scan# 383

Delta R.T. -0.01 min

Lab File: VR025363.D

Acq: 19 Jun 2018 13:42

Instrument :

MSVOA_R

ClientSampleId :

C0KA8DL

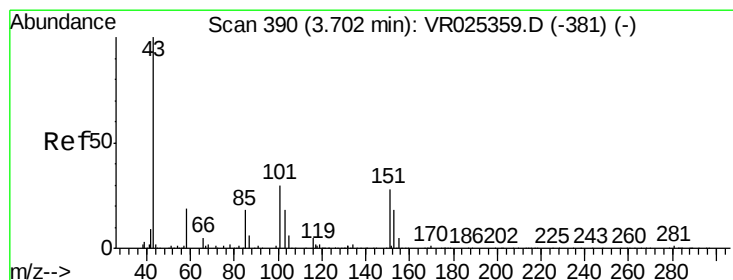
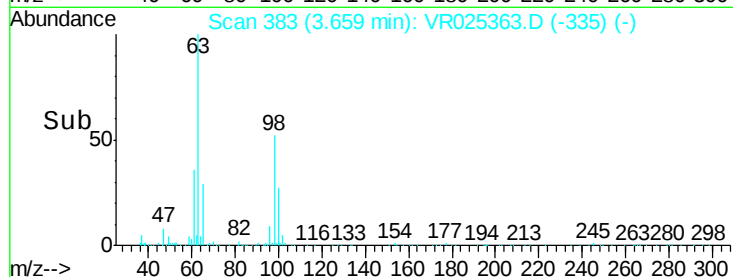
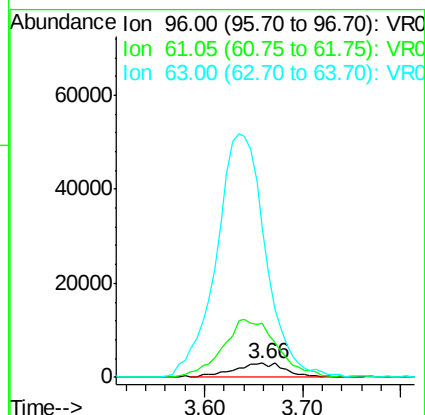
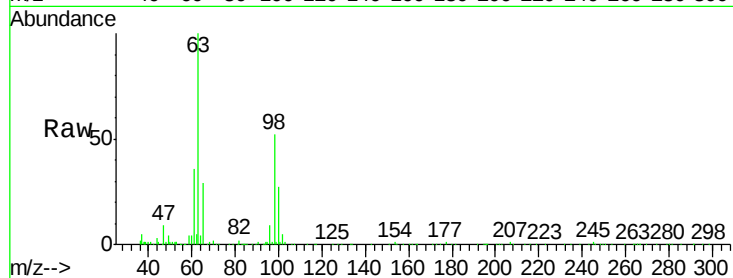
Tgt Ion: 96 Resp: 11220

Ion Ratio Lower Upper

96 100

61 380.5 155.0 287.9#

63 1070.1 122.3 227.1#



#13

Acetone

Concen: 1.229 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025363.D

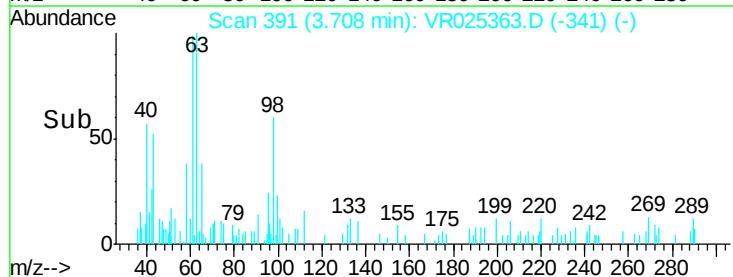
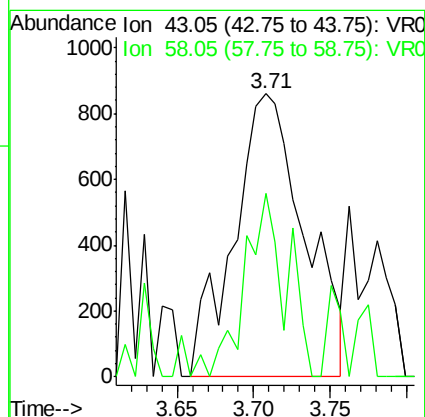
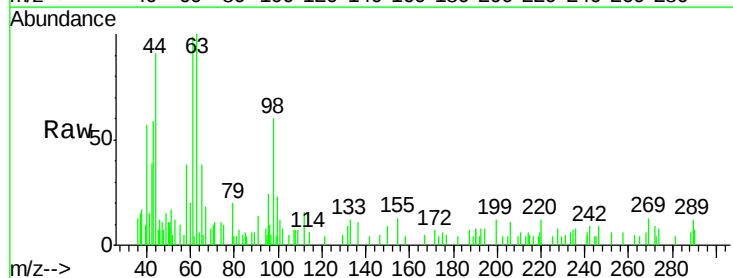
Acq: 19 Jun 2018 13:42

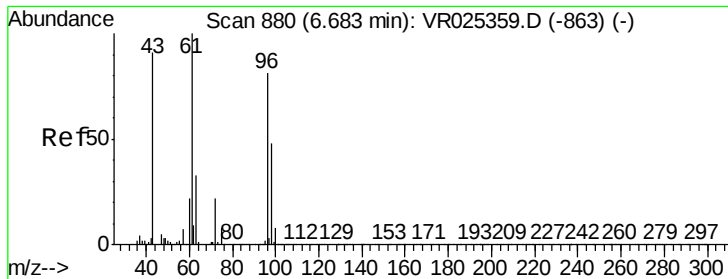
Tgt Ion: 43 Resp: 2775

Ion Ratio Lower Upper

43 100

58 37.2 0.0 41.6





#22

cis-1,2-Dichloroethene

Concen: 0.607 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.01 min

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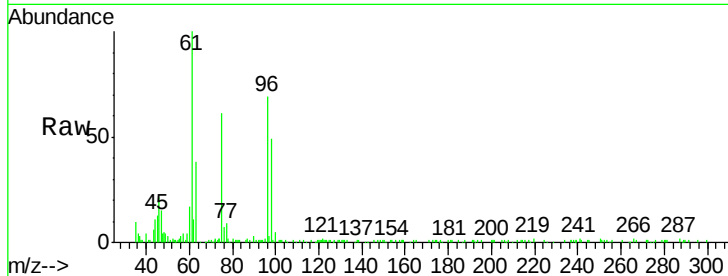
Tgt Ion: 96 Resp: 25085

Ion Ratio Lower Upper

96 100

61 145.1 91.0 169.0

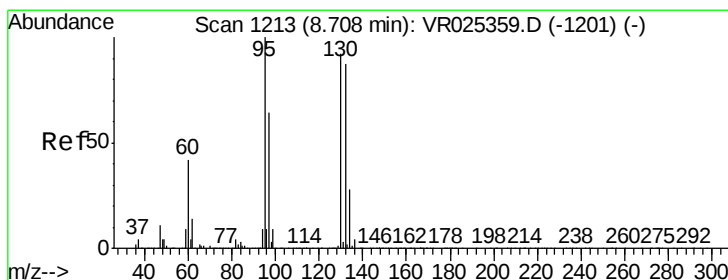
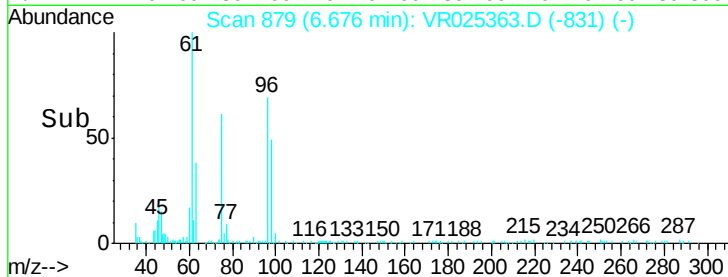
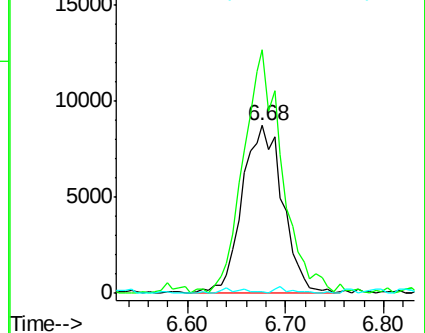
68 0.6 0.0 0.0#



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: 6.551 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

Lab File: VR025363.D

Acq: 19 Jun 2018 13:42

Tgt Ion: 95 Resp: 291442

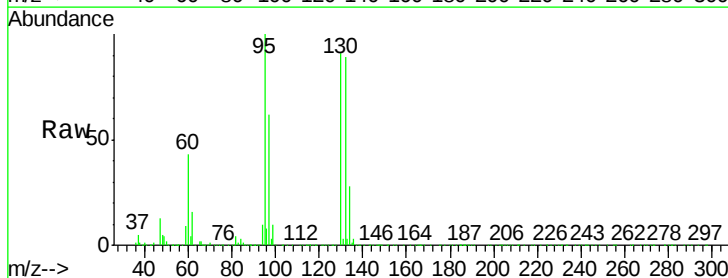
Ion Ratio Lower Upper

95 100

97 61.7 45.6 84.6

132 88.8 60.9 113.1

130 91.0 62.0 115.2

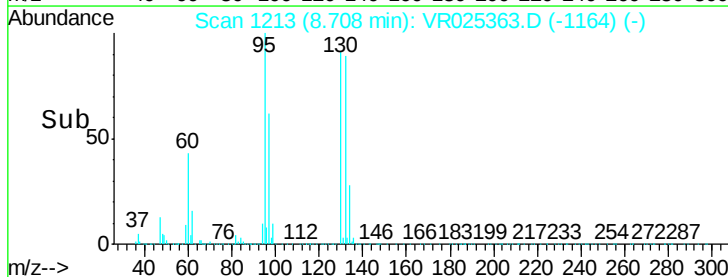
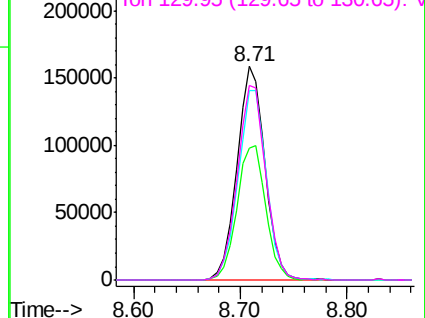


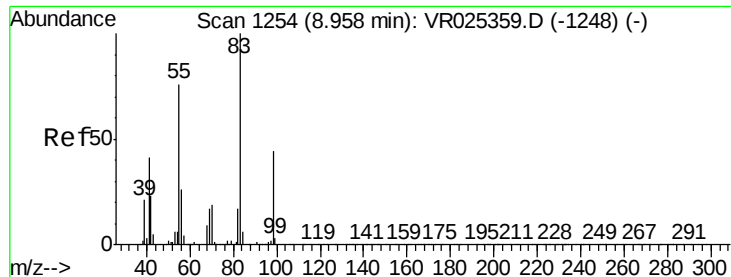
Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.765 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025363.D

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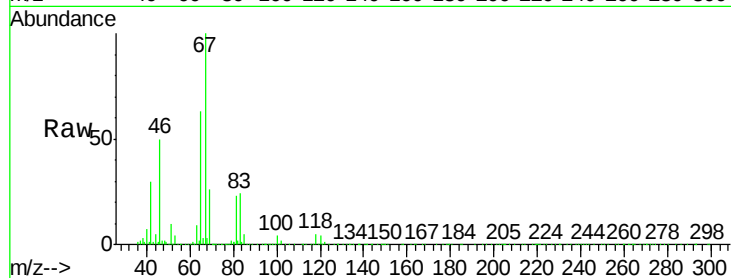
Tgt Ion: 83 Resp: 53690

Ion Ratio Lower Upper

83 100

55 1.4 66.1 99.1#

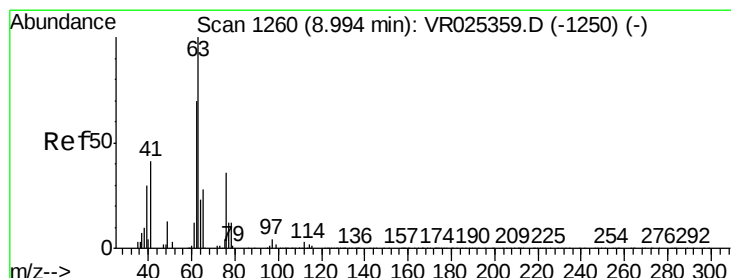
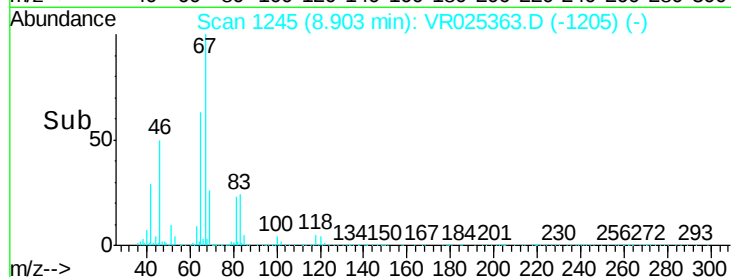
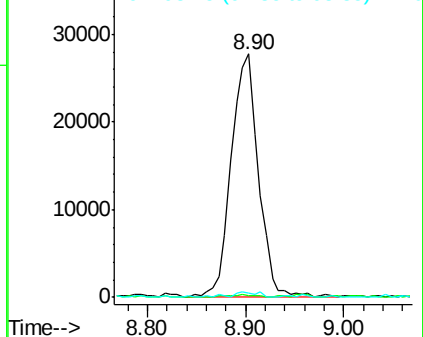
98 2.4 36.2 54.4#



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: 0.559 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025363.D

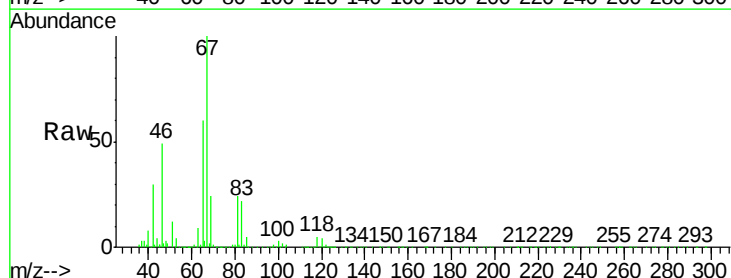
Acq: 19 Jun 2018 13:42

Tgt Ion: 63 Resp: 22865

Ion Ratio Lower Upper

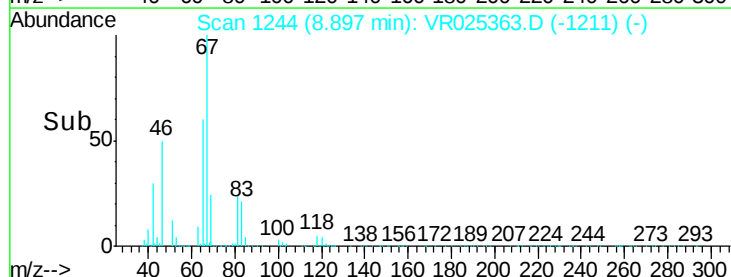
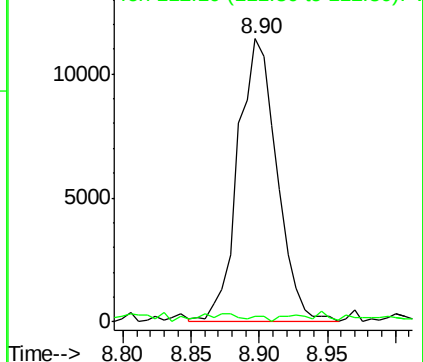
63 100

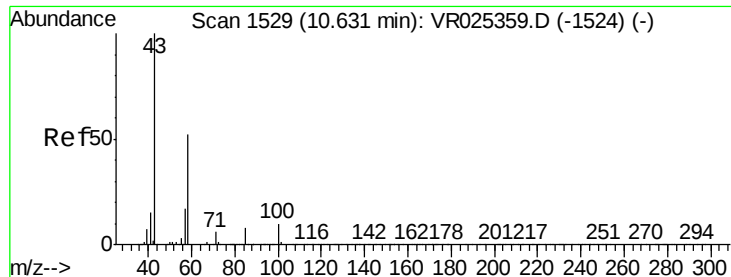
112 1.7 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

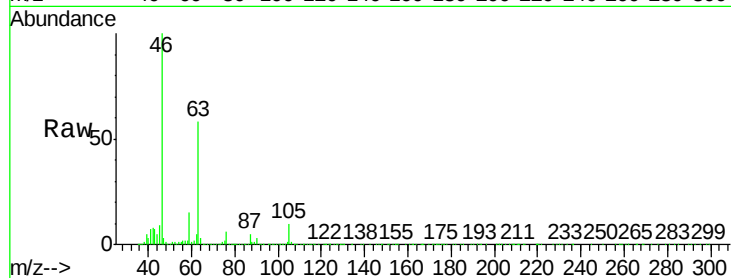




#48
 2-Hexanone
 Concen: 3.710 ug/L
 RT: 10.59 min Scan# 1523
 Delta R.T. -0.04 min
 Lab File: VR025363.D
 Acq: 19 Jun 2018 13:42

Instrument :
 MSVOA_R
 ClientSampleId :
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Tgt Ion:	43	Resp:	31282
Ion	Ratio	Lower	Upper
43	100		
58	28.7	43.1	64.7#
57	30.2	15.3	22.9#
100	4.2	7.9	11.9#



Abundance Ion 43.05 (42.75 to 43.75): VR0
 Ion 58.05 (57.75 to 58.75): VR0
 Ion 57.20 (56.90 to 57.90): VR0
 Ion 100.15 (99.85 to 100.85): VR0

