

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080918\
 Data File : VR025601.D
 Acq On : 9 Aug 2018 11:44
 Operator : SY/MD
 Sample : J4358-01DL 4X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW3DL

Quant Time: Aug 10 07:20:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 04:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	571483	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	477529	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	160227	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	175142	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	2.64	69	128372	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	3.64	63	298979	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	6.60	46	170111	58.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.24%
24) Chloroform-d	7.21	84	309247	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	7.90	65	108189	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	7.86	84	699687	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	8.90	67	183803	5.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.40%
41) Toluene-d8	9.97	98	658182	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	10.24	79	38974	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	10.59	63	163540	59.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.02%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83070	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	161632	6.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	132.00%#

Target Compounds

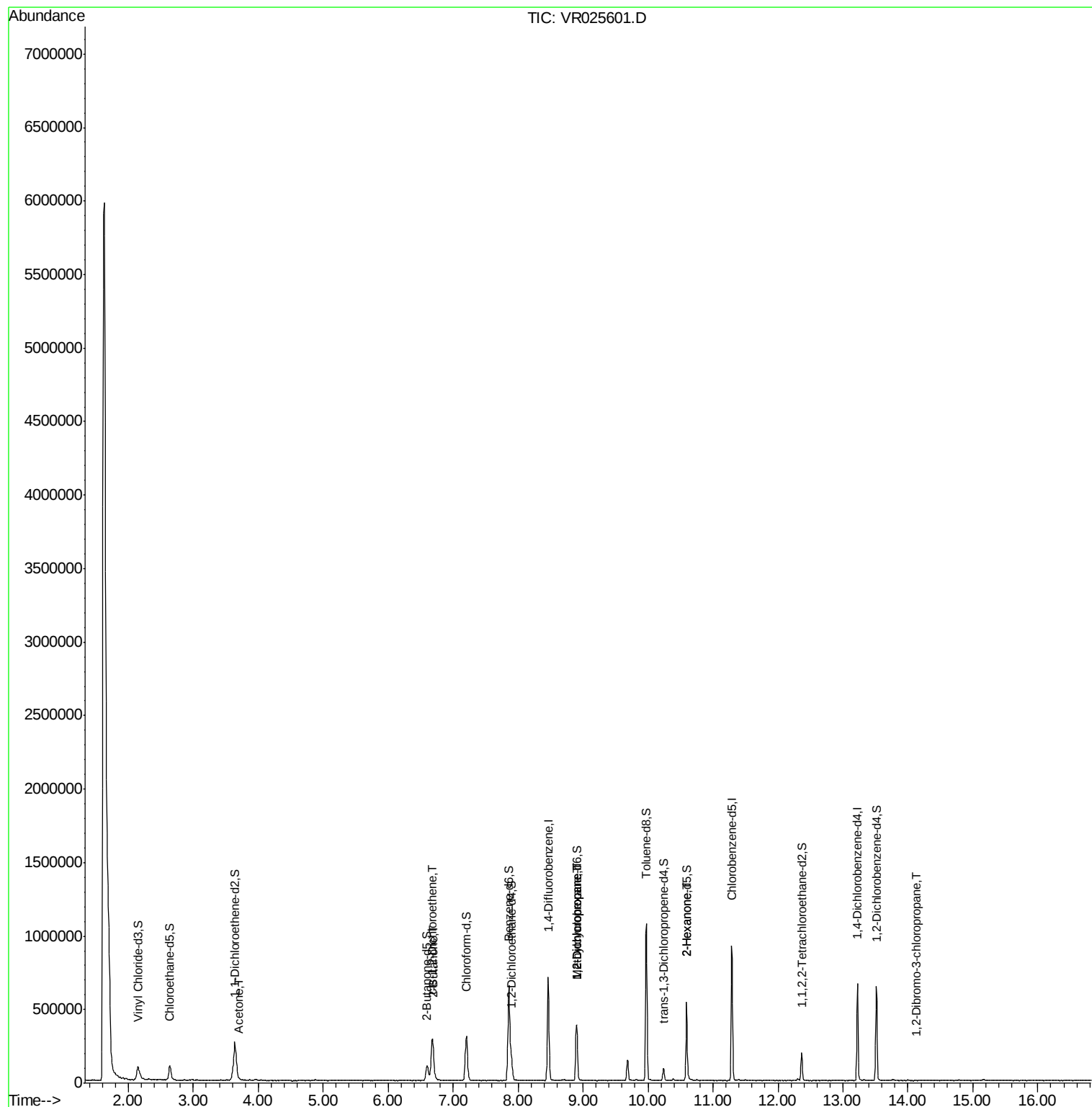
					Qvalue
13) Acetone	3.71	43	3307	1.344 ug/L	86
21) 2-Butanone	6.69	43	1239	0.362 ug/L	81
22) cis-1,2-Dichloroethene	6.68	96	182162	5.102 ug/L #	98
35) Methylcyclohexane	8.90	83	42383	0.768 ug/L #	22
37) 1,2-Dichloropropane	8.91	63	18672	0.601 ug/L #	89
48) 2-Hexanone	10.59	43	20058	3.399 ug/L #	63
66) 1,2-Dibromo-3-chloropropan	14.13	75	260	0.211 ug/L #	62

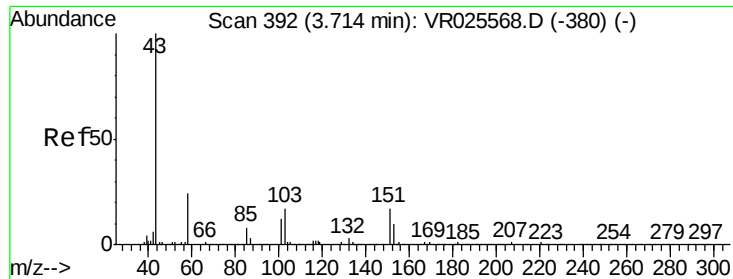
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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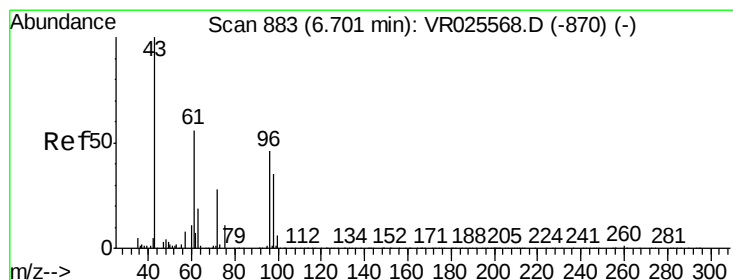
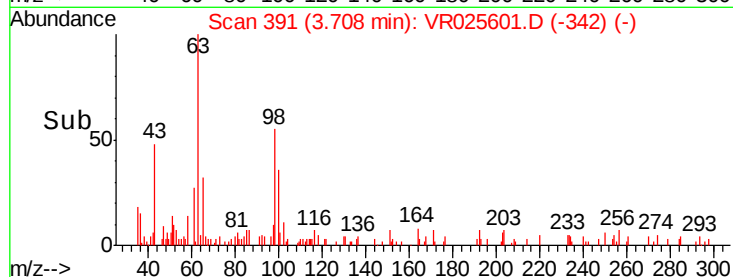
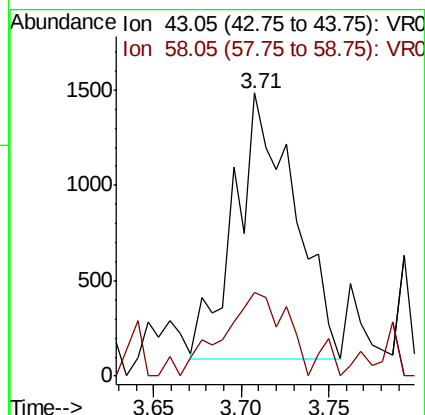
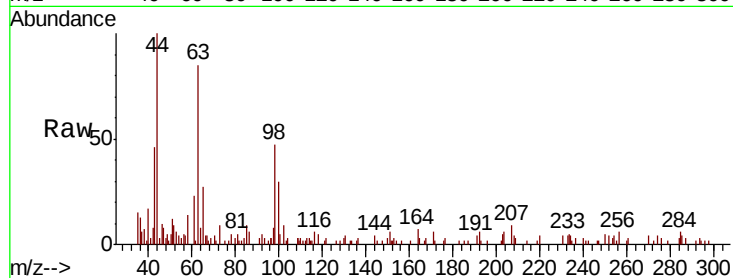




#13
Acetone
Concen: 1.344 ug/L
RT: 3.71 min Scan# 391
Delta R.T. 0.00 min
Lab File: VR025601.D
Acq: 9 Aug 2018 11:44

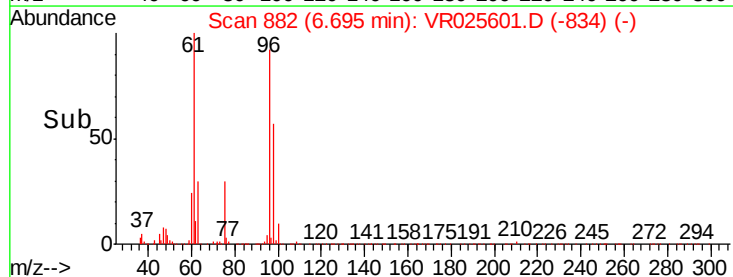
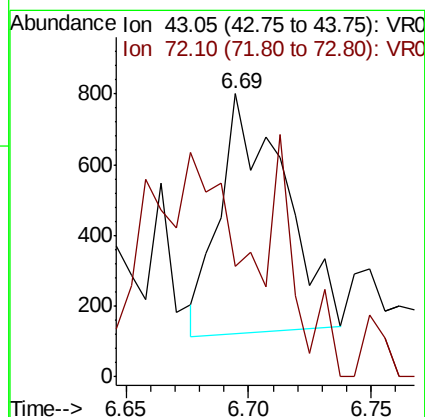
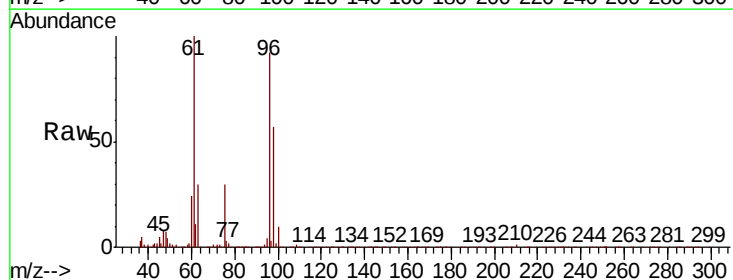
Instrument :
MSVOA_R
ClientSampleId :
ESWW3DL

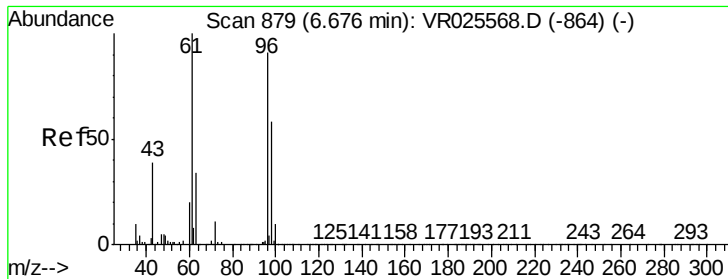
Tgt Ion: 43 Resp: 3307
Ion Ratio Lower Upper
43 100
58 34.0 0.0 53.4



#21
2-Butanone
Concen: 0.362 ug/L
RT: 6.69 min Scan# 882
Delta R.T. -0.01 min
Lab File: VR025601.D
Acq: 9 Aug 2018 11:44

Tgt Ion: 43 Resp: 1239
Ion Ratio Lower Upper
43 100
72 36.1 13.2 39.6



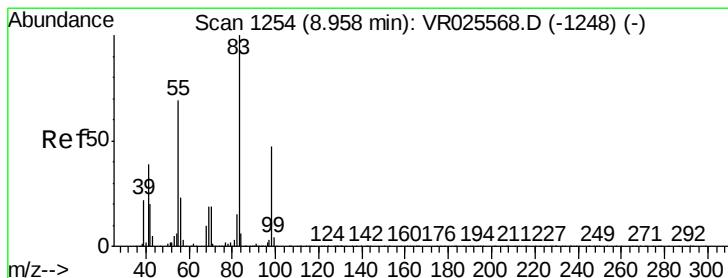
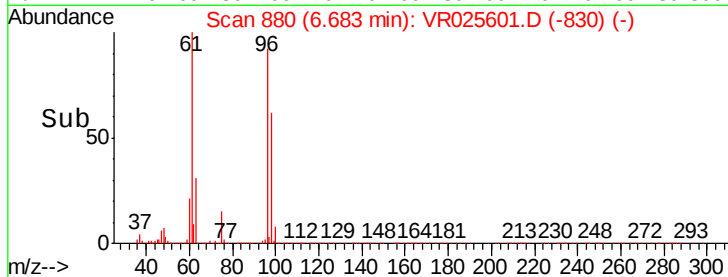
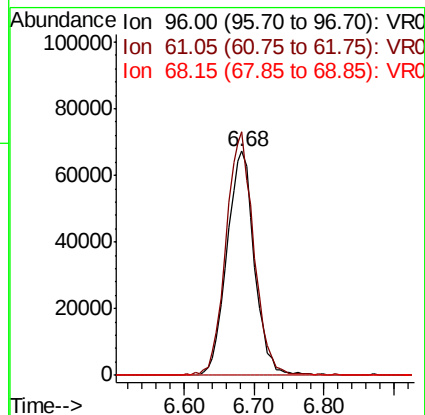
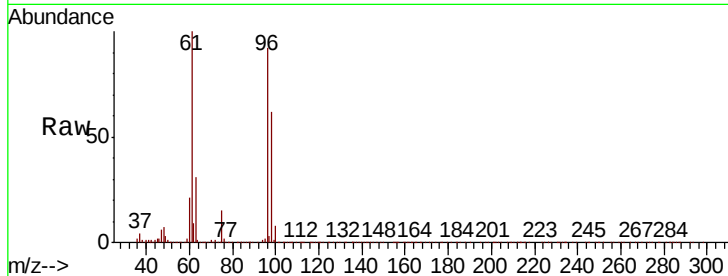


#22

cis-1,2-Dichloroethene
 Concen: 5.102 ug/L
 RT: 6.68 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VR025601.D
 Acq: 9 Aug 2018 11:44

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW3DL

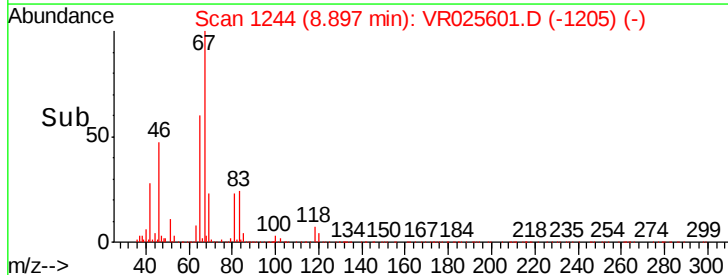
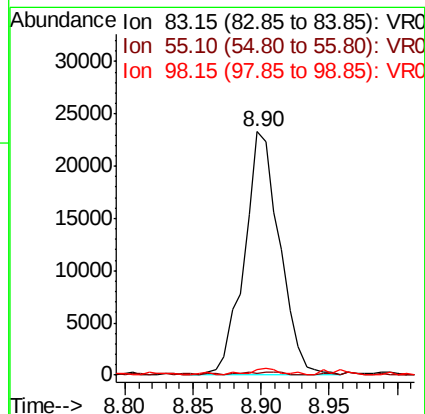
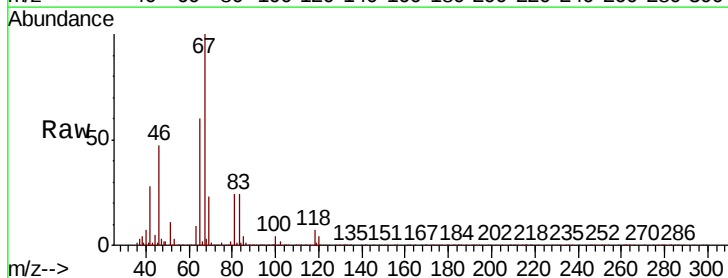
Tgt Ion: 96 Resp: 182162
 Ion Ratio Lower Upper
 96 100
 61 108.7 77.7 144.3
 68 0.3 0.0 0.0#

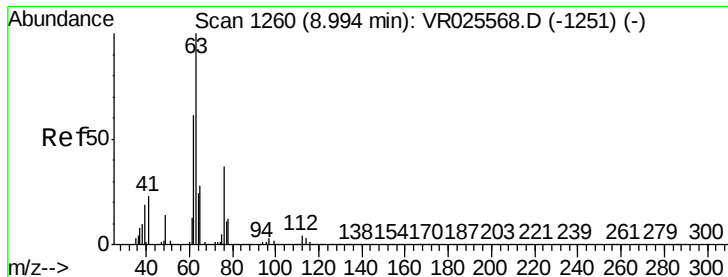


#35

Methylcyclohexane
 Concen: 0.768 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.06 min
 Lab File: VR025601.D
 Acq: 9 Aug 2018 11:44

Tgt Ion: 83 Resp: 42383
 Ion Ratio Lower Upper
 83 100
 55 1.6 58.3 87.5#
 98 2.6 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.601 ug/L

RT: 8.91 min Scan# 1246

Delta R.T. -0.09 min

Lab File: VR025601.D

Acq: 9 Aug 2018 11:44

Instrument :

MSVOA_R

ClientSampleId :

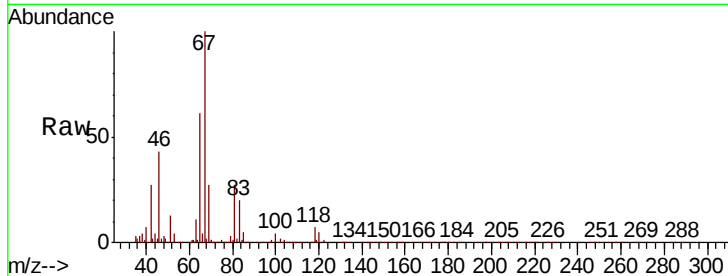
ESWW3DL

Tgt Ion: 63 Resp: 18672

Ion Ratio Lower Upper

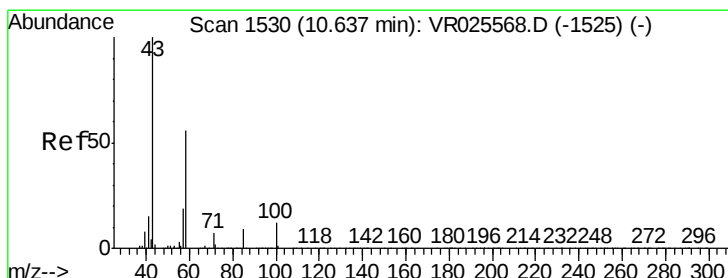
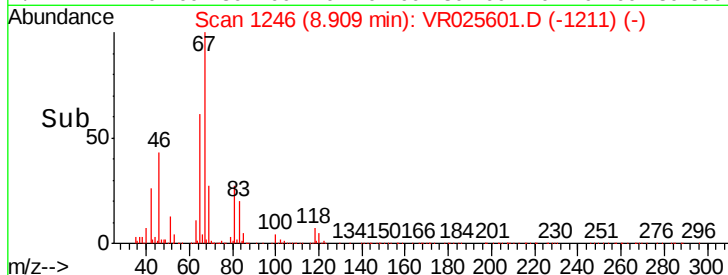
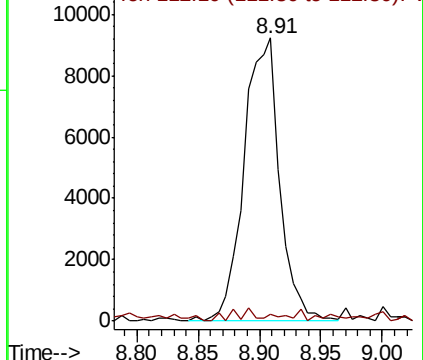
63 100

112 0.5 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 3.399 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025601.D

Acq: 9 Aug 2018 11:44

Tgt Ion: 43 Resp: 20058

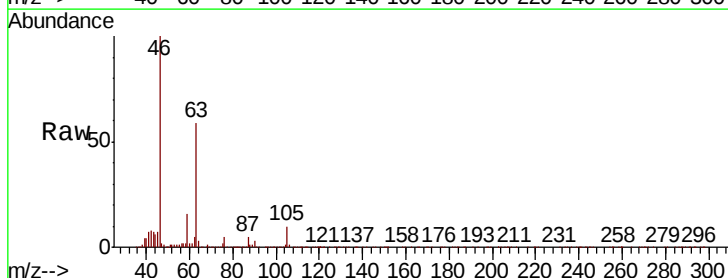
Ion Ratio Lower Upper

43 100

58 24.4 45.0 67.6#

57 33.1 15.8 23.6#

100 3.5 9.3 13.9#

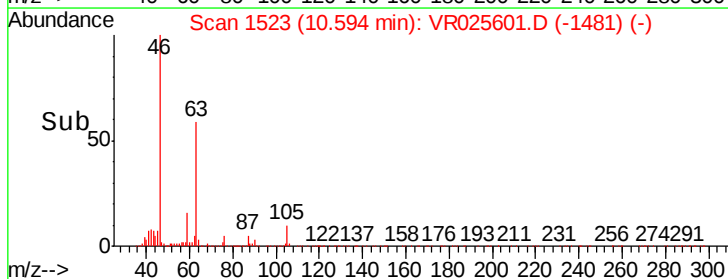
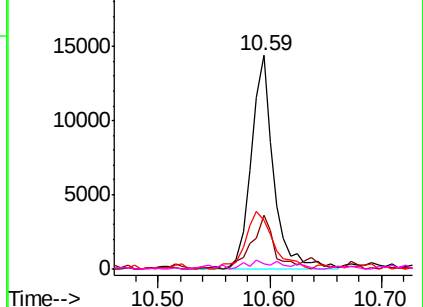


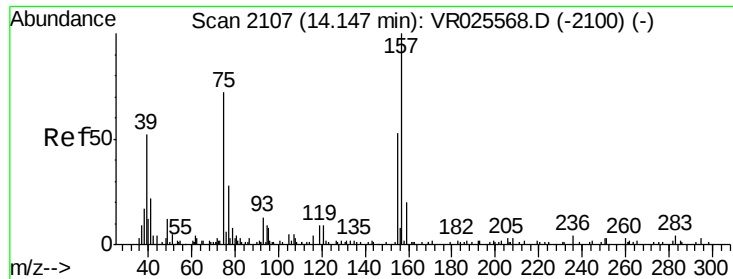
Abundance Ion 43.05 (42.75 to 43.75): VR0

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





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.211 ug/L
 RT: 14.13 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: VR025601.D
 Acq: 9 Aug 2018 11:44

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW3DL

Tgt Ion: 75 Resp: 260
 Ion Ratio Lower Upper
 75 100
 155 65.6 62.3 93.5
 157 30.0 67.7 101.5#

