

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080918\
 Data File : VR025603.D
 Acq On : 9 Aug 2018 12:50
 Operator : SY/MD
 Sample : J4358-02DL 10X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW4DL

Quant Time: Aug 10 07:20:40 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	528800	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	449834	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	154088	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	171191	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	2.62	69	117783	4.56	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	3.63	63	323000	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	6.60	46	204313	75.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	150.88%#
24) Chloroform-d	7.21	84	321799	5.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.20%
26) 1,2-Dichloroethane-d4	7.90	65	116149	6.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.80%
32) Benzene-d6	7.86	84	706984	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.20%
36) 1,2-Dichloropropane-d6	8.90	67	195966	6.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	123.80%
41) Toluene-d8	9.97	98	651963	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
43) trans-1,3-Dichloropropene-	10.24	79	40991	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	10.59	63	185203	71.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	143.08%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	87792	6.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.60%#
64) 1,2-Dichlorobenzene-d4	13.51	152	164858	7.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	140.00%#

Target Compounds

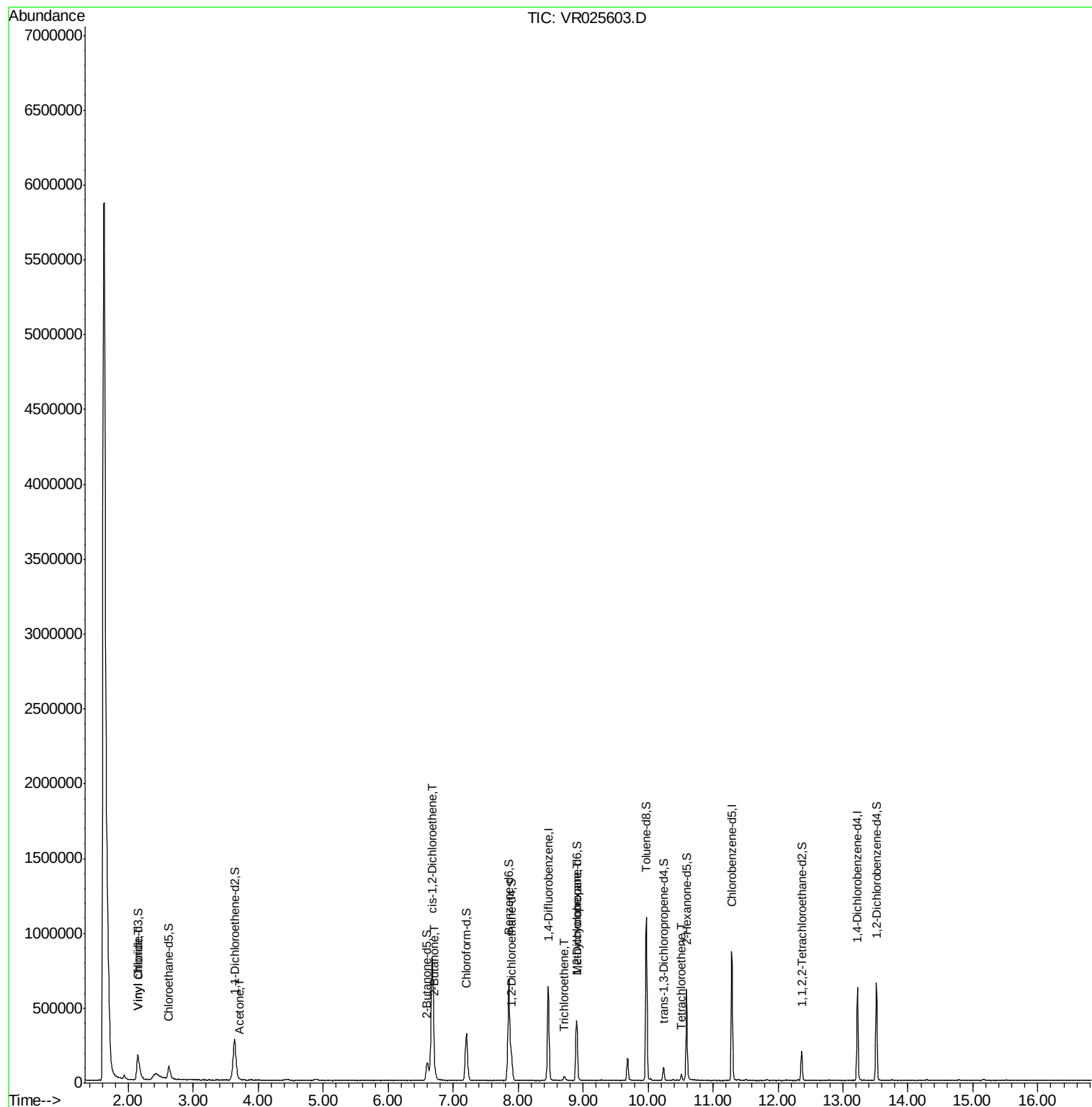
					Qvalue
5) Vinyl chloride	2.15	62	145413	3.639 ug/L	99
13) Acetone	3.71	43	1582	0.695 ug/L	88
21) 2-Butanone	6.71	43	1849	0.585 ug/L #	70
22) cis-1,2-Dichloroethene	6.68	96	538315	16.293 ug/L #	97
34) Trichloroethene	8.71	95	9204	0.266 ug/L	90
35) Methylcyclohexane	8.90	83	42900	0.825 ug/L #	21
47) Tetrachloroethene	10.52	164	10199	0.345 ug/L	94

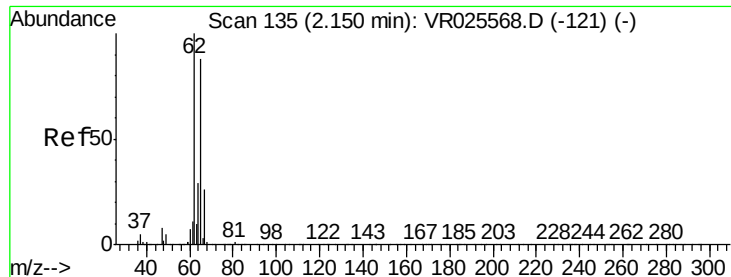
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.639 ug/L

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

Lab File: VR025603.D

Acq: 9 Aug 2018 12:50

Instrument :

MSVOA_R

ClientSampled :

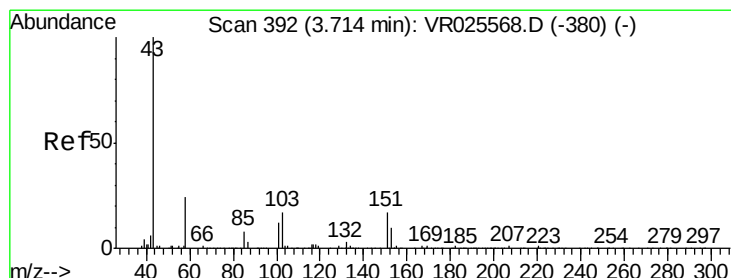
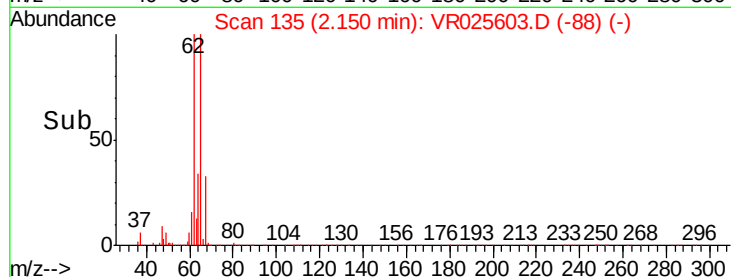
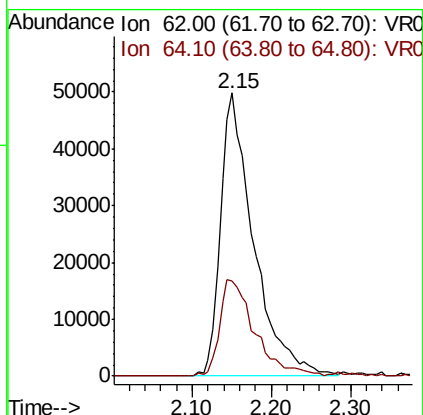
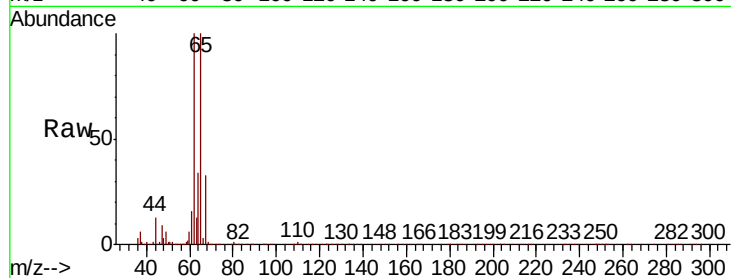
ESWW4DL

Tgt Ion: 62 Resp: 145413

Ion Ratio Lower Upper

62 100

64 33.8 24.1 44.8



#13

Acetone

Concen: 0.695 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025603.D

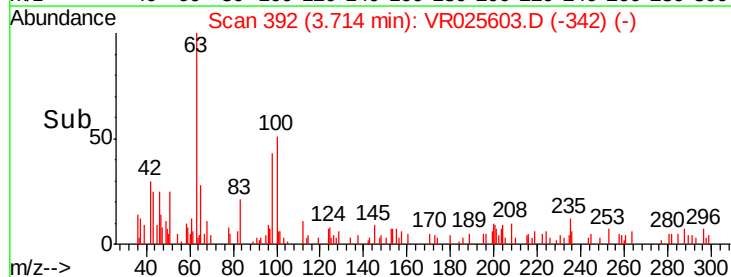
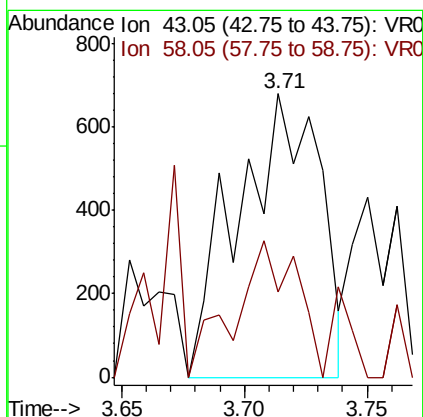
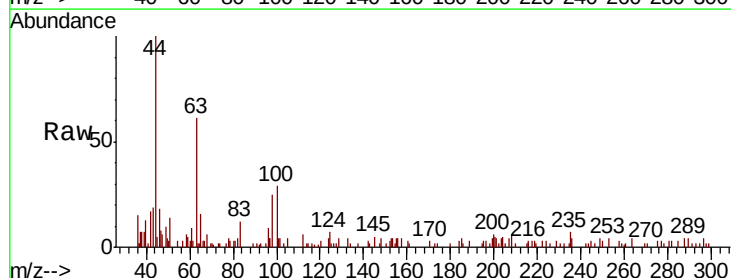
Acq: 9 Aug 2018 12:50

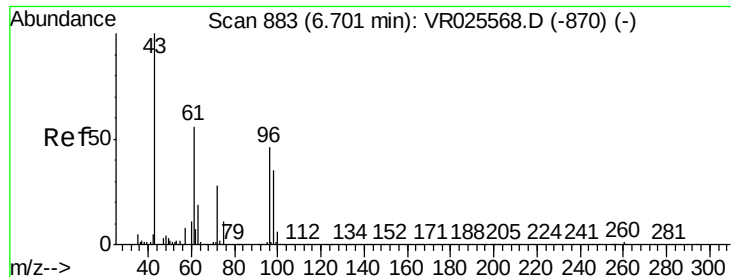
Tgt Ion: 43 Resp: 1582

Ion Ratio Lower Upper

43 100

58 33.0 0.0 53.4





#21

2-Butanone

Concen: 0.585 ug/L

RT: 6.71 min Scan# 885

Delta R.T. 0.01 min

Lab File: VR025603.D

Acq: 9 Aug 2018 12:50

Instrument :

MSVOA_R

ClientSampleID :

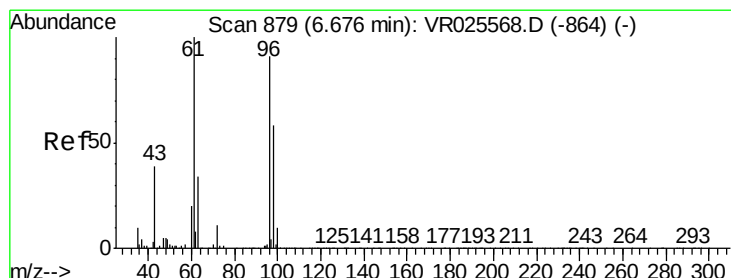
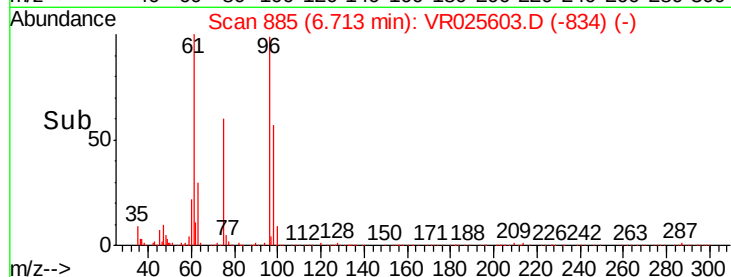
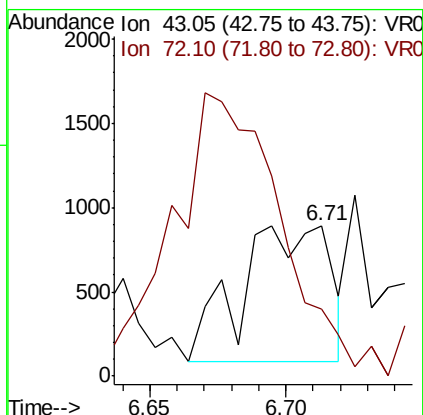
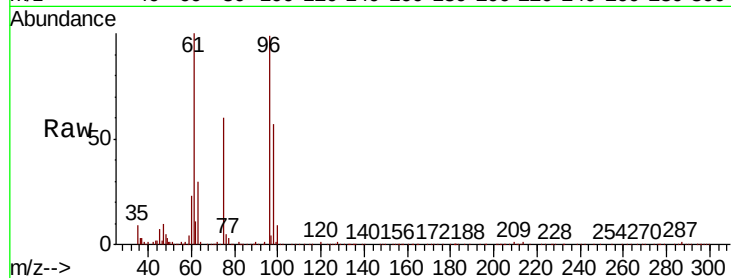
ESWW4DL

Tgt Ion: 43 Resp: 1849

Ion Ratio Lower Upper

43 100

72 11.1 13.2 39.6#



#22

cis-1,2-Dichloroethene

Concen: 16.293 ug/L

RT: 6.68 min Scan# 880

Delta R.T. 0.01 min

Lab File: VR025603.D

Acq: 9 Aug 2018 12:50

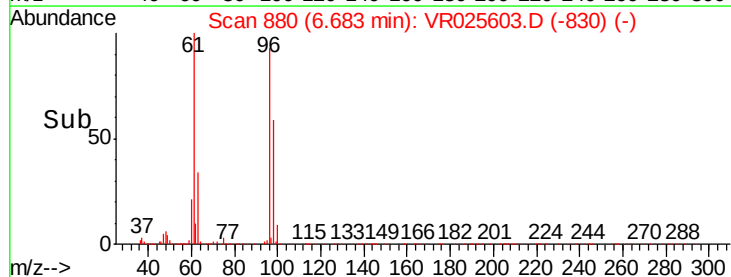
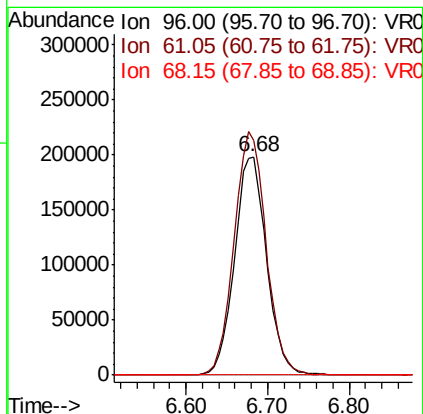
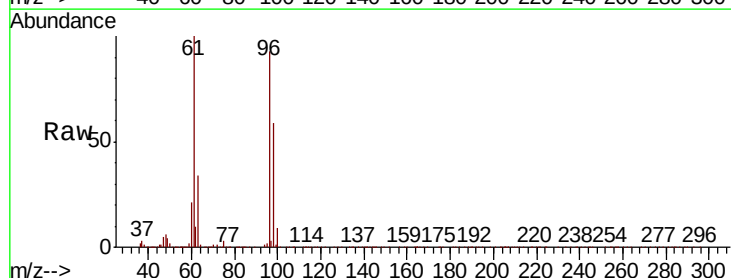
Tgt Ion: 96 Resp: 538315

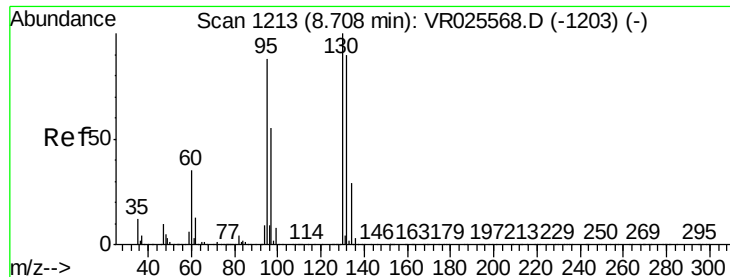
Ion Ratio Lower Upper

96 100

61 107.3 77.7 144.3

68 0.1 0.0 0.0#





#34

Trichloroethene

Concen: 0.266 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.00 min

Lab File: VR025603.D

Acq: 9 Aug 2018 12:50

Instrument :

MSVOA_R

ClientSampleId :

ESWW4DL

Tgt Ion: 95 Resp: 9204

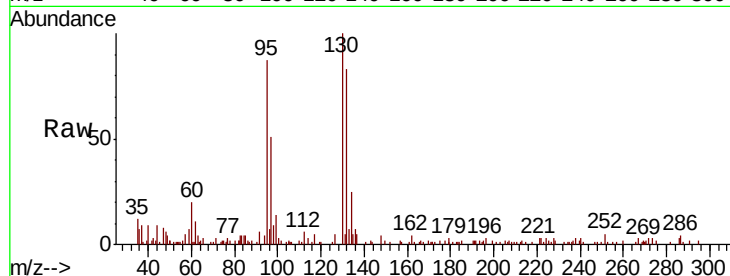
Ion Ratio Lower Upper

95 100

97 58.7 46.7 86.7

132 94.4 71.7 133.1

130 114.4 71.3 132.3

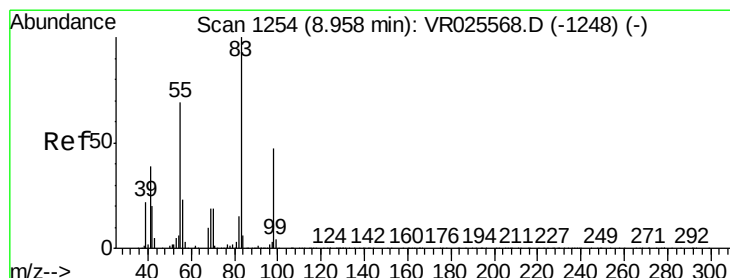
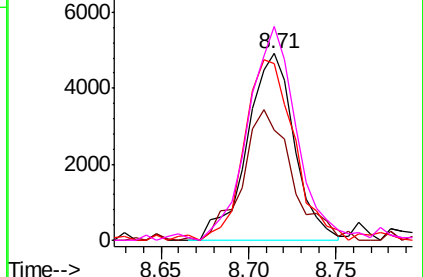
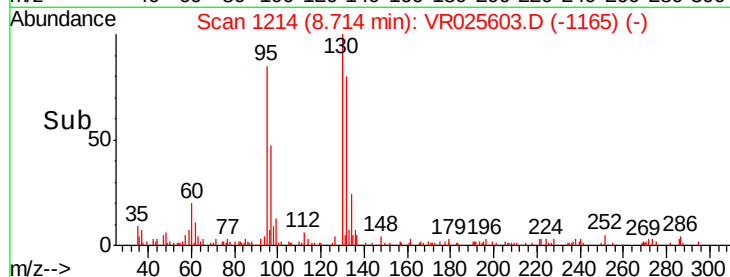


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.825 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025603.D

Acq: 9 Aug 2018 12:50

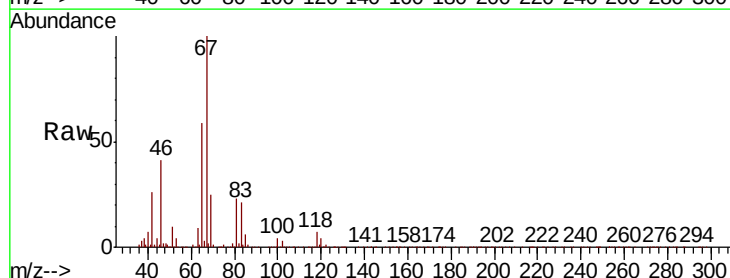
Tgt Ion: 83 Resp: 42900

Ion Ratio Lower Upper

83 100

55 0.5 58.3 87.5#

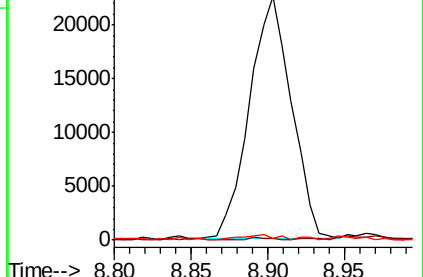
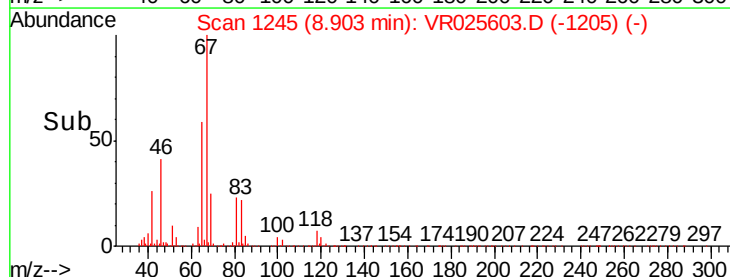
98 1.9 37.8 56.6#

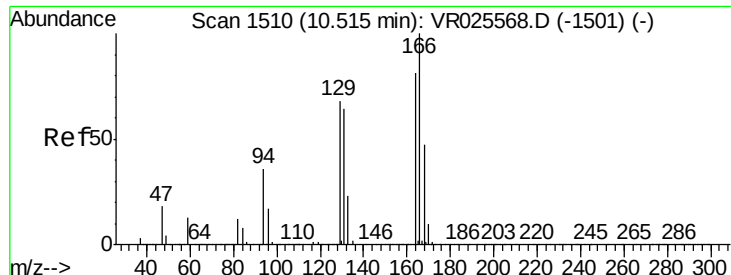


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#47

Tetrachloroethene

Concen: 0.345 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VR025603.D

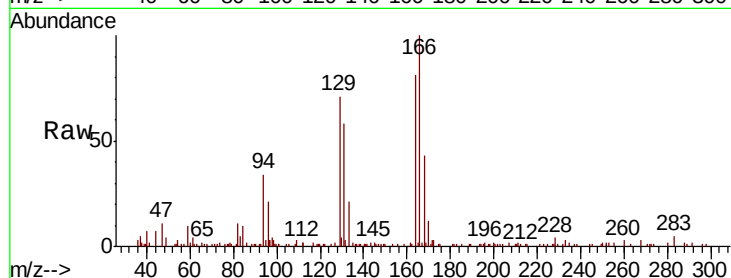
Acq: 9 Aug 2018 12:50

Instrument :

MSVOA_R

ClientSampleId :

ESWW4DL



Tgt Ion:164 Resp: 10199

Ion Ratio Lower Upper

164 100

129 87.5 63.0 117.0

131 71.8 60.6 112.6

166 123.5 87.6 162.8

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

