

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080918\
 Data File : VR025605.D
 Acq On : 9 Aug 2018 14:08
 Operator : SY/MD
 Sample : J4358-02DL 10X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW4DL

Quant Time: Aug 10 07:20:53 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	553390	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	483726	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	157660	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	155120	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	2.64	69	108637	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	3.64	63	269125	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	6.60	46	166655	58.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.60%
24) Chloroform-d	7.21	84	270326	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	7.90	65	98453	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	7.86	84	592017	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	8.90	67	163684	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	9.97	98	554461	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	10.24	79	36507	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	10.59	63	157700	56.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.30%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78669	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	147301	6.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.40%#

Target Compounds

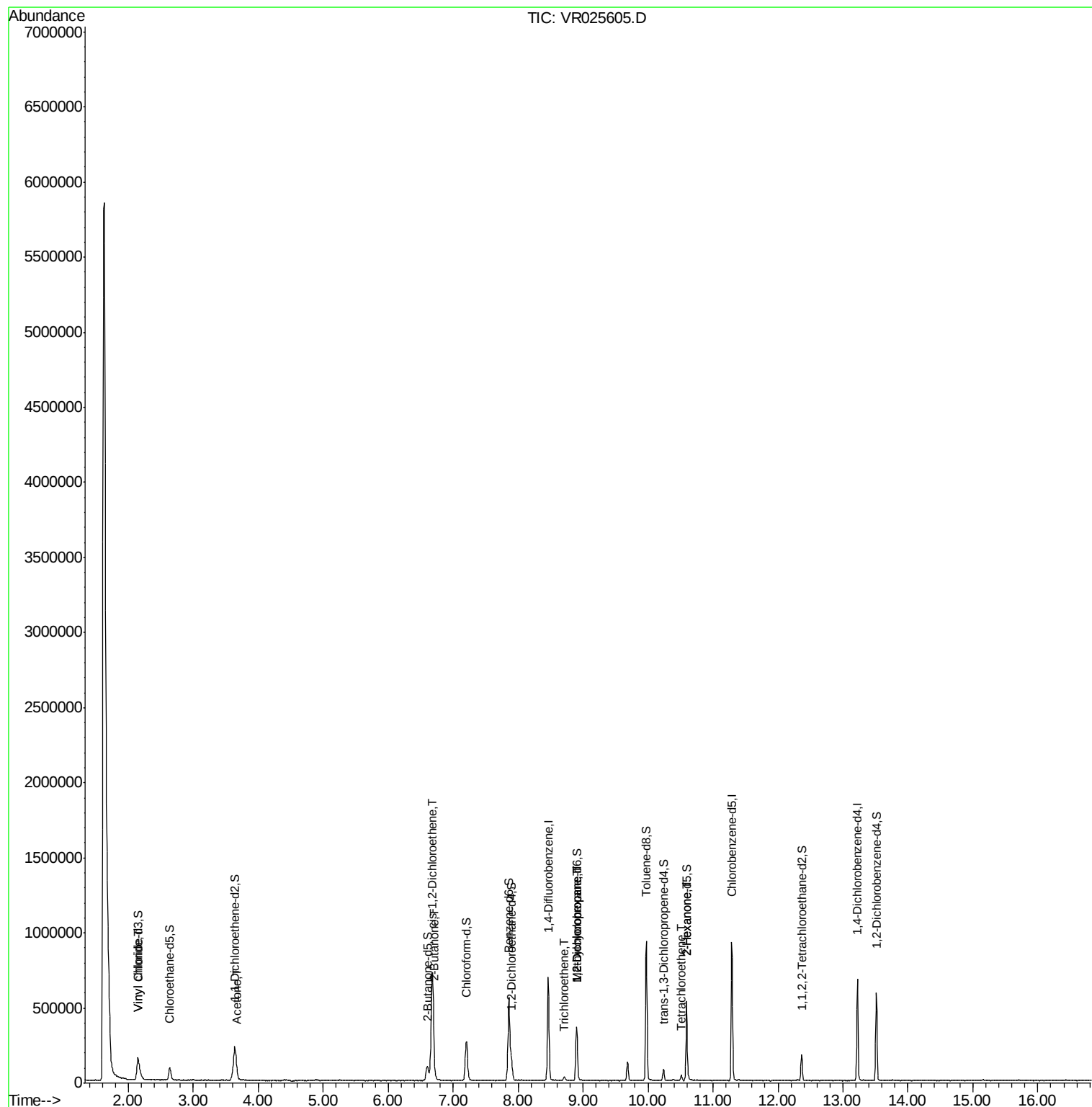
					Qvalue
5) Vinyl chloride	2.15	62	131598	3.147 ug/L	97
13) Acetone	3.68	43	1145	0.481 ug/L	62
21) 2-Butanone	6.71	43	1503	0.454 ug/L	93
22) cis-1,2-Dichloroethene	6.68	96	475299	13.746 ug/L #	98
34) Trichloroethene	8.71	95	8090	0.218 ug/L #	79
35) Methylcyclohexane	8.90	83	37780	0.676 ug/L #	21
37) 1,2-Dichloropropane	8.90	63	16650	0.529 ug/L #	91
47) Tetrachloroethene	10.52	164	8087	0.254 ug/L	93
48) 2-Hexanone	10.59	43	18113	3.030 ug/L #	68

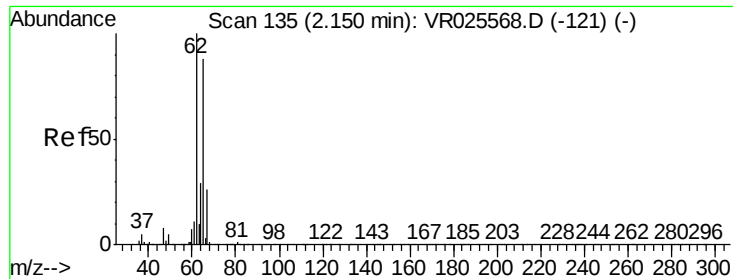
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 09 04:27:17 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.147 ug/L

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

Lab File: VR025605.D

Acq: 9 Aug 2018 14:08

Instrument :

MSVOA_R

ClientSampleId :

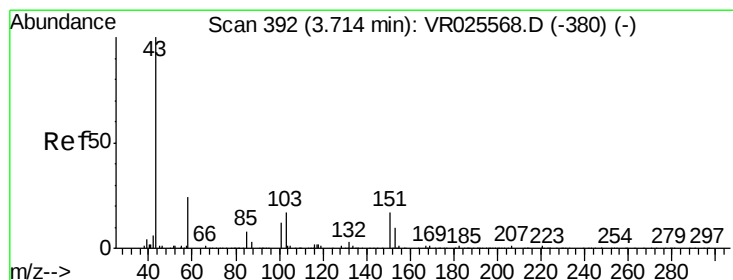
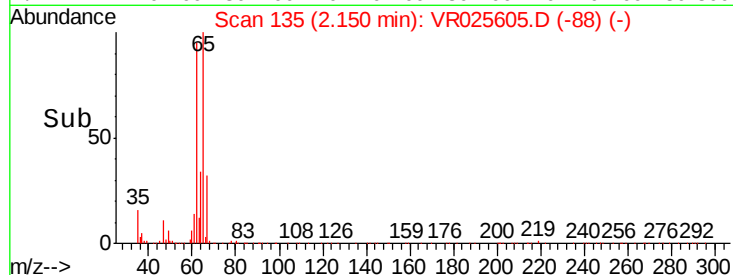
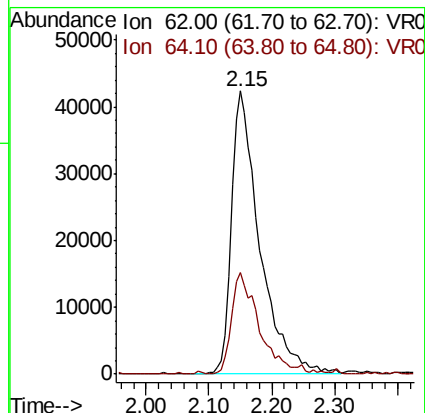
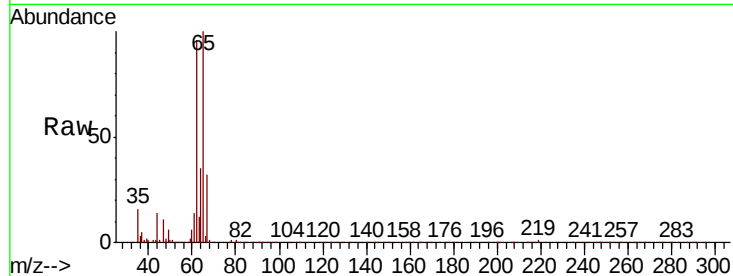
ESWW4DL

Tgt Ion: 62 Resp: 131598

Ion Ratio Lower Upper

62 100

64 36.1 24.1 44.8



#13

Acetone

Concen: 0.481 ug/L

RT: 3.68 min Scan# 386

Delta R.T. -0.03 min

Lab File: VR025605.D

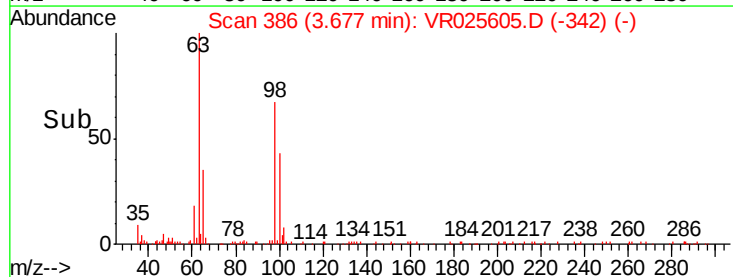
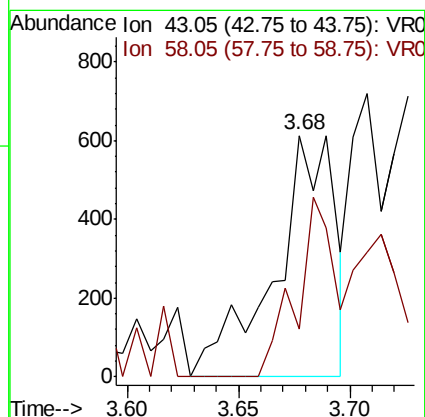
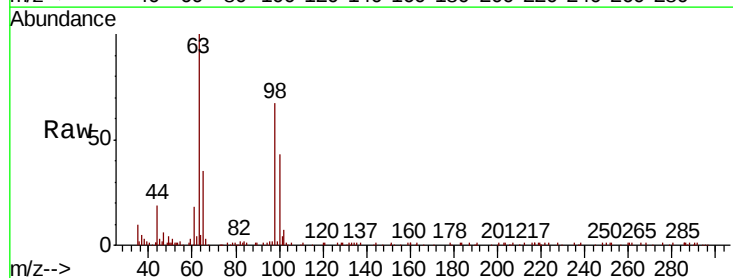
Acq: 9 Aug 2018 14:08

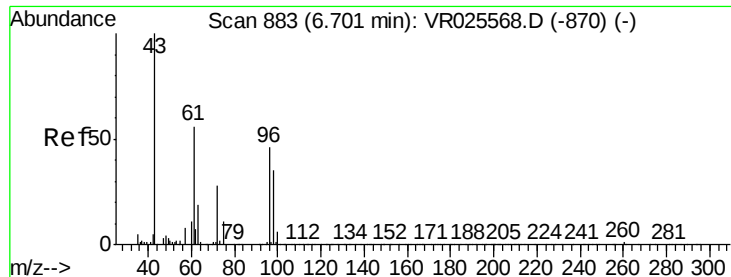
Tgt Ion: 43 Resp: 1145

Ion Ratio Lower Upper

43 100

58 46.2 0.0 53.4





#21

2-Butanone

Concen: 0.454 ug/L

RT: 6.71 min Scan# 884

Delta R.T. 0.01 min

Lab File: VR025605.D

Acq: 9 Aug 2018 14:08

Instrument :

MSVOA_R

ClientSampleID :

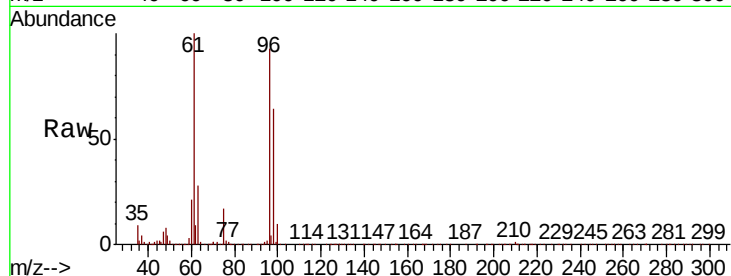
ESWW4DL

Tgt Ion: 43 Resp: 1503

Ion Ratio Lower Upper

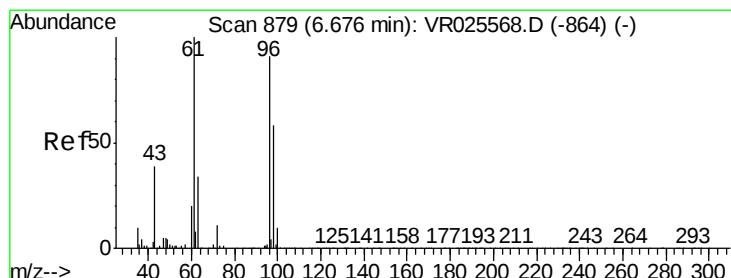
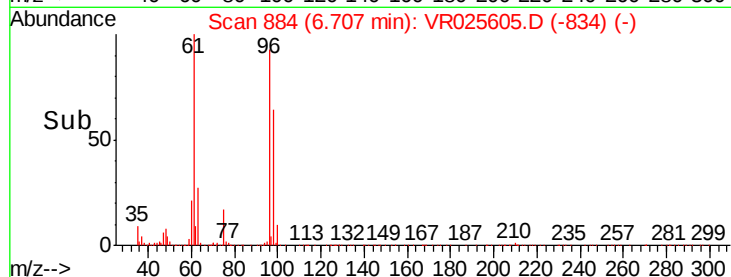
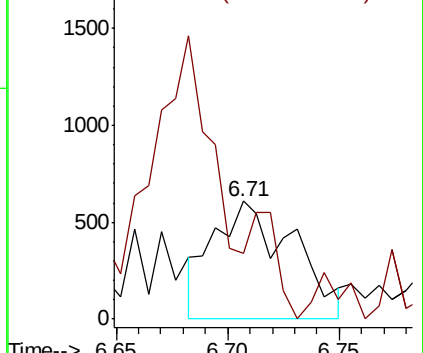
43 100

72 30.1 13.2 39.6



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: 13.746 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.00 min

Lab File: VR025605.D

Acq: 9 Aug 2018 14:08

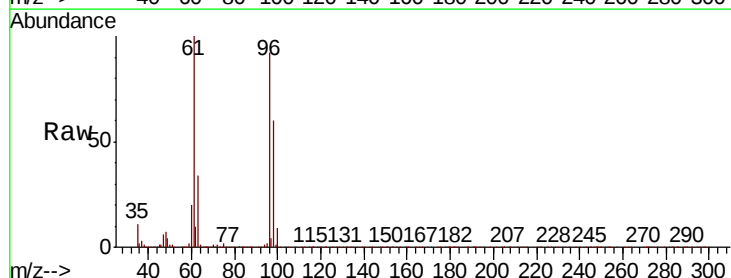
Tgt Ion: 96 Resp: 475299

Ion Ratio Lower Upper

96 100

61 108.7 77.7 144.3

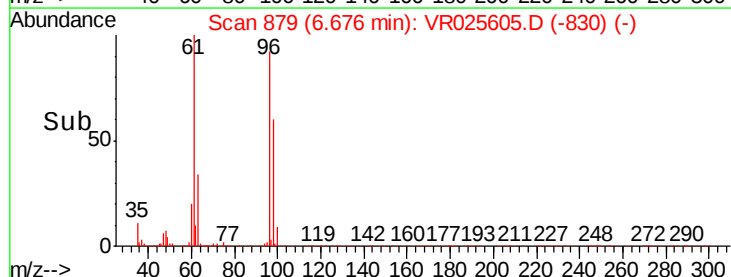
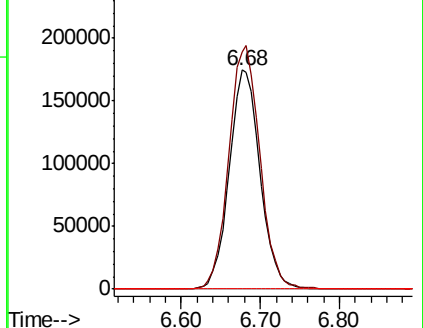
68 0.1 0.0 0.0#

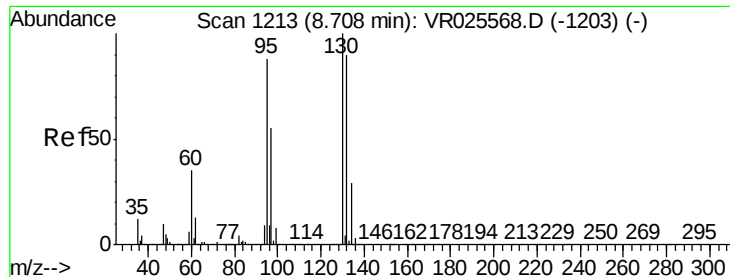


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#34

Trichloroethene

Concen: 0.218 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.00 min

Lab File: VR025605.D

Acq: 9 Aug 2018 14:08

Instrument :

MSVOA_R

ClientSampleId :

ESWW4DL

Tgt Ion: 95 Resp: 8090

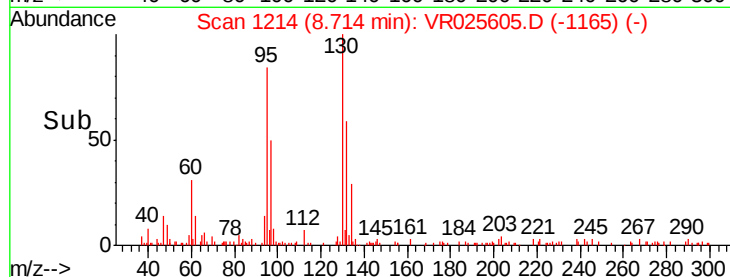
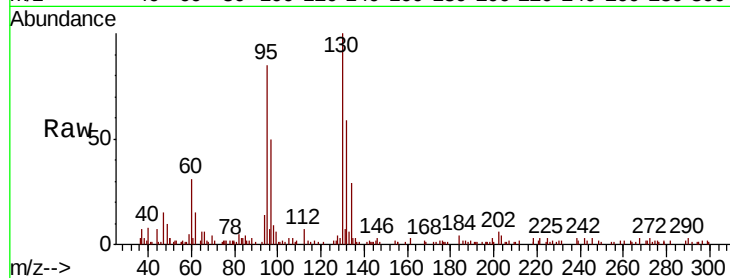
Ion Ratio Lower Upper

95 100

97 58.6 46.7 86.7

132 69.4 71.7 133.1#

130 117.5 71.3 132.3

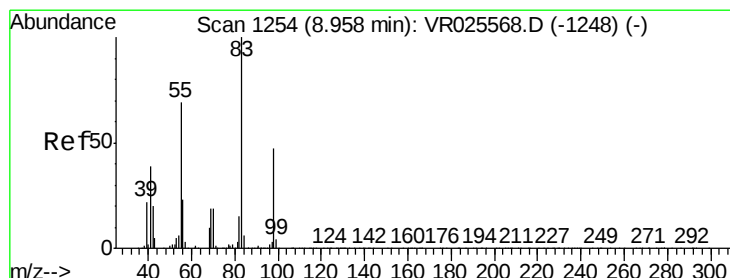
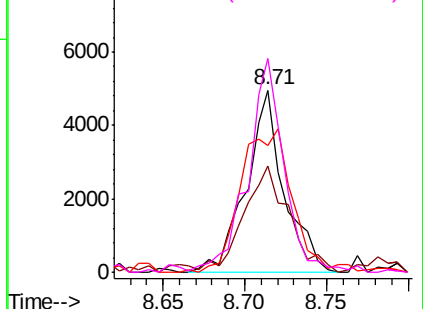


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.676 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025605.D

Acq: 9 Aug 2018 14:08

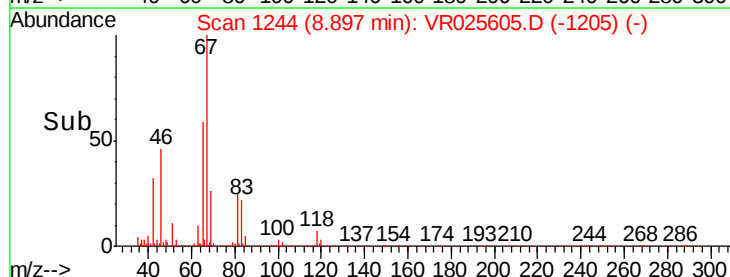
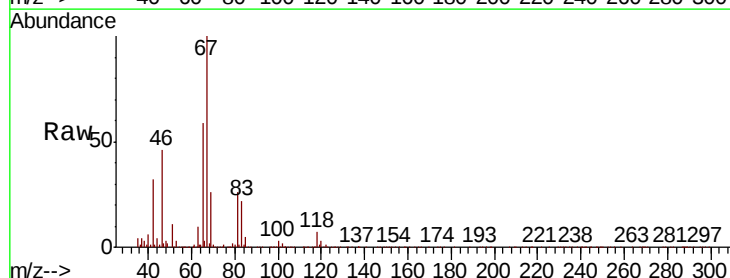
Tgt Ion: 83 Resp: 37780

Ion Ratio Lower Upper

83 100

55 0.7 58.3 87.5#

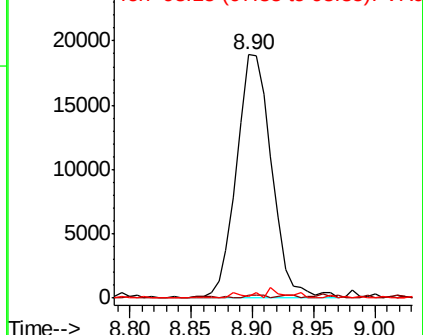
98 0.8 37.8 56.6#

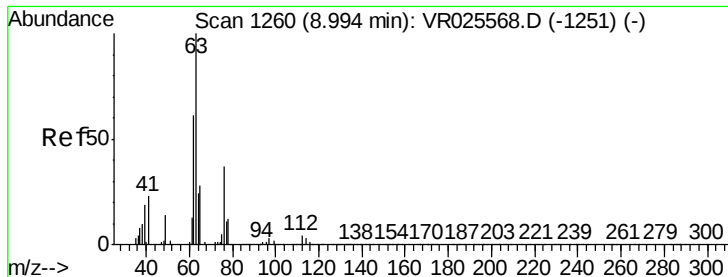


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.529 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025605.D

Acq: 9 Aug 2018 14:08

Instrument :

MSVOA_R

ClientSampleId :

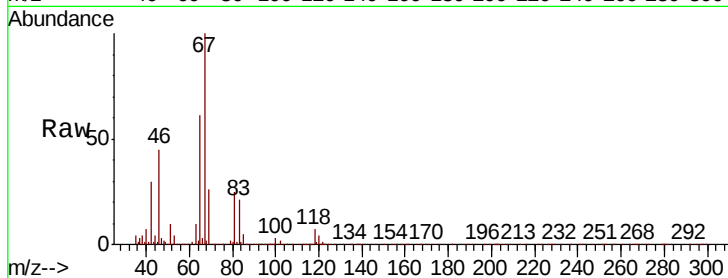
ESWW4DL

Tgt Ion: 63 Resp: 16650

Ion Ratio Lower Upper

63 100

112 1.1 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

8.90

10000

8000

6000

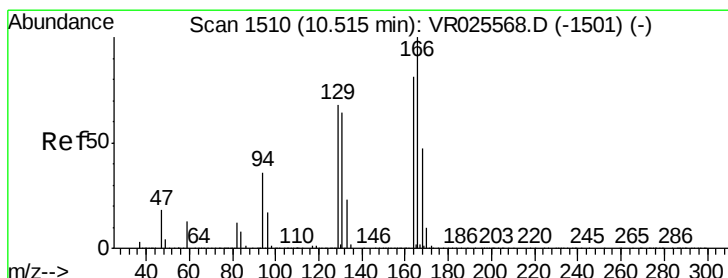
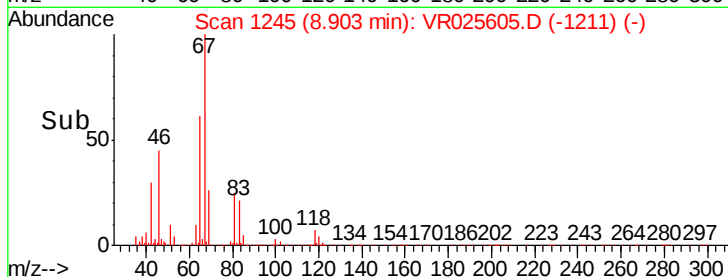
4000

2000

0

Time-->

8.80 8.85 8.90 8.95 9.00



#47

Tetrachloroethene

Concen: 0.254 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VR025605.D

Acq: 9 Aug 2018 14:08

Tgt Ion: 164 Resp: 8087

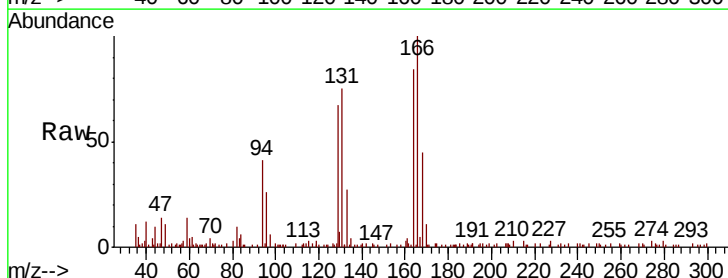
Ion Ratio Lower Upper

164 100

129 79.4 63.0 117.0

131 90.2 60.6 112.6

166 118.8 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

10000

8000

6000

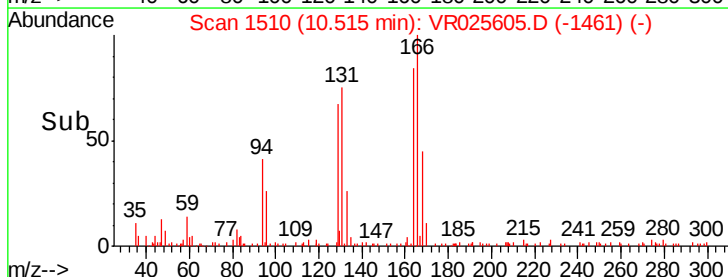
4000

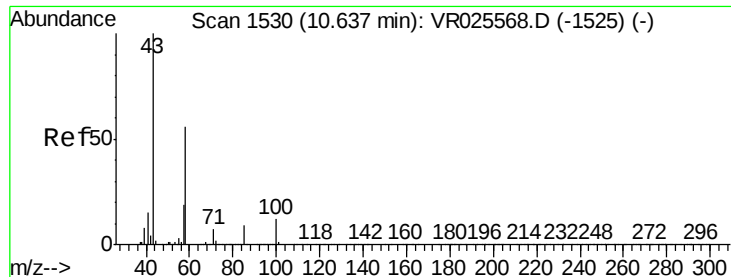
2000

0

Time-->

10.45 10.50 10.55





#48
 2-Hexanone
 Concen: 3.030 ug/L
 RT: 10.59 min Scan# 1523
 Delta R.T. -0.04 min
 Lab File: VR025605.D
 Acq: 9 Aug 2018 14:08

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW4DL

Tgt Ion:	43	Resp:	18113
Ion	Ratio	Lower	Upper
43	100		
58	30.5	45.0	67.6#
57	35.4	15.8	23.6#
100	6.1	9.3	13.9#

