

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR073018\
 Data File : VR025545.D
 Acq On : 30 Jul 2018 18:22
 Operator : SY/MD
 Sample : J4202-01 500X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BE719

Quant Time: Jul 31 18:05:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 30 16:58:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	612591	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	499193	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	176361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	173013	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	2.63	69	129047	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	3.64	63	313718	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	6.62	46	177869	56.69	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.38%
24) Chloroform-d	7.21	84	297494	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	7.90	65	107140	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	7.86	84	672601	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	8.90	67	181159	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	9.97	98	620177	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	10.24	79	40445	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	10.59	63	155923	54.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.56%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77031	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	148388	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

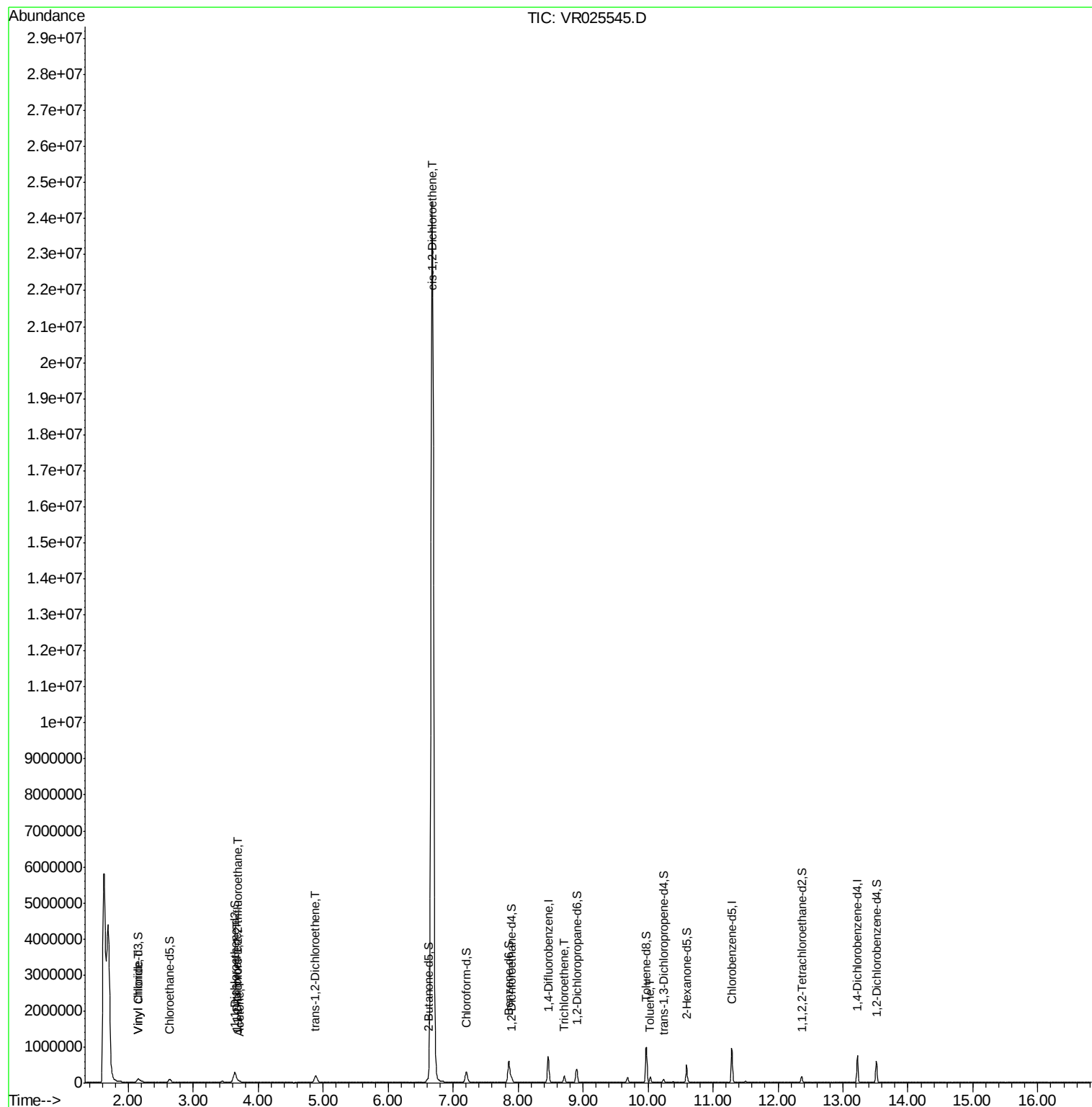
						Ovalue
5) Vinyl chloride	2.16	62	36883	0.80	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	21657	0.53	ug/L #	77
12) 1,1-Dichloroethene	3.67	96	19767	0.45	ug/L #	1
13) Acetone	3.71	43	42518	16.12	ug/L	93
18) trans-1,2-Dichloroethene	4.88	96	142911	3.41	ug/L	93
22) cis-1,2-Dichloroethene	6.68	96	15290314	399.48	ug/L #	94
34) Trichloroethene	8.71	95	59652	1.56	ug/L	98
42) Toluene	10.03	91	108224	0.66	ug/L	98

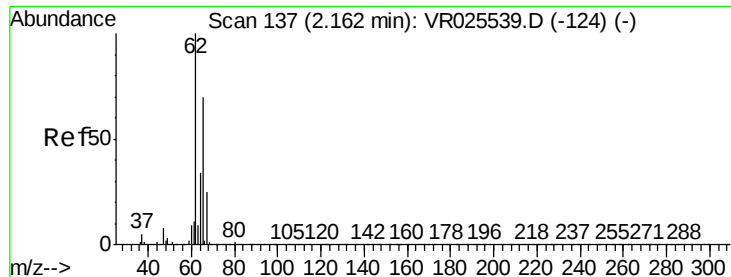
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.80 ug/L

RT: 2.16 min Scan# 136

Delta R.T. -0.01 min

Lab File: VR025545.D

Acq: 30 Jul 2018 18:22

Instrument :

MSVOA_R

ClientSampleId :

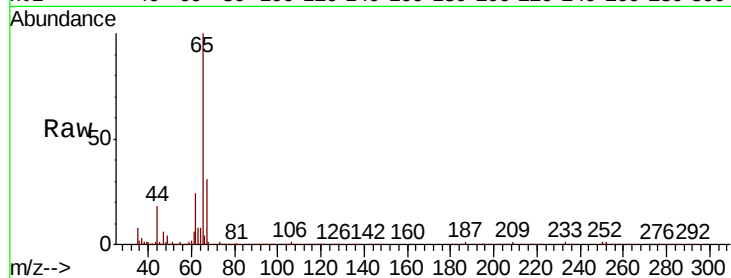
BE719

Tot Ion: 62 Resp: 36883

Ion Ratio Lower Upper

62 100

64 32.8 24.1 44.8



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 64.10 (63.80 to 64.80): VR0

2.16

12000

10000

8000

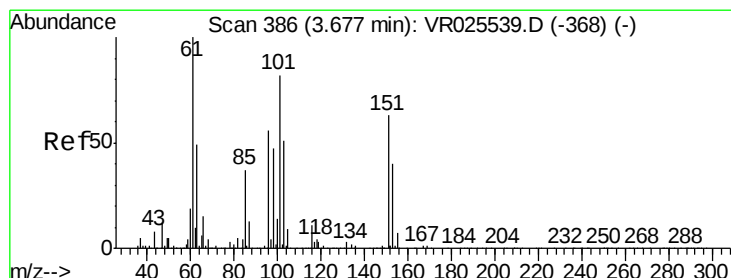
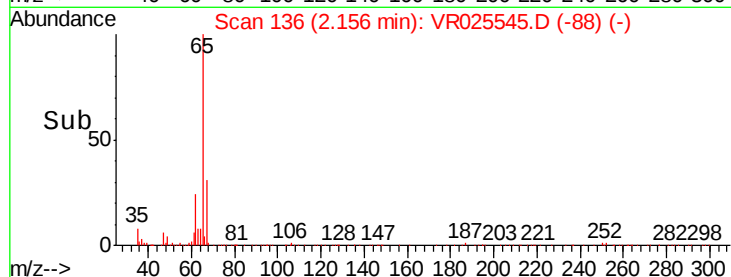
6000

4000

2000

0

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.53 ug/L

RT: 3.68 min Scan# 387

Delta R.T. 0.01 min

Lab File: VR025545.D

Acq: 30 Jul 2018 18:22

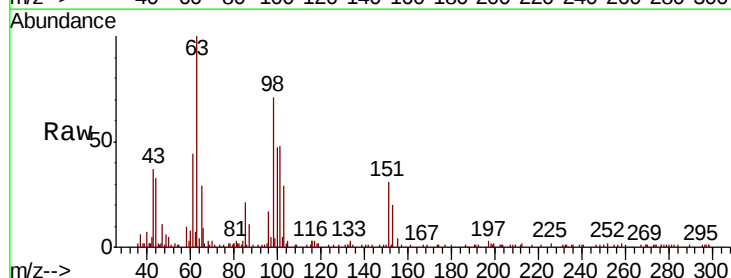
Tgt Ion: 101 Resp: 21657

Ion Ratio Lower Upper

101 100

85 13.4 37.4 56.0#

151 72.1 61.9 92.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VR0

Ion 151.00 (150.70 to 151.70): V

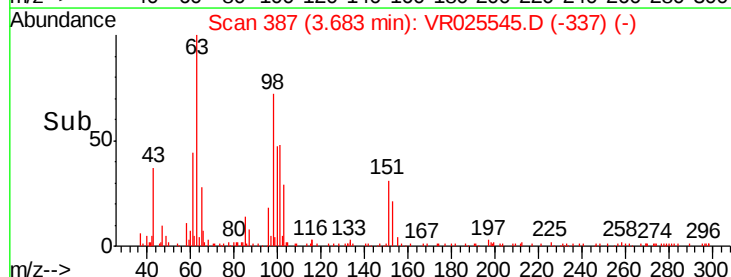
6000

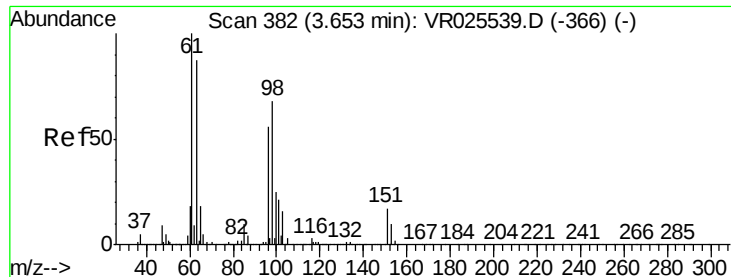
4000

2000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.45 ug/L

RT: 3.67 min Scan# 385

Delta R.T. 0.02 min

Lab File: VR025545.D

Acq: 30 Jul 2018 18:22

Instrument :

MSVOA_R

ClientSampleId :

BE719

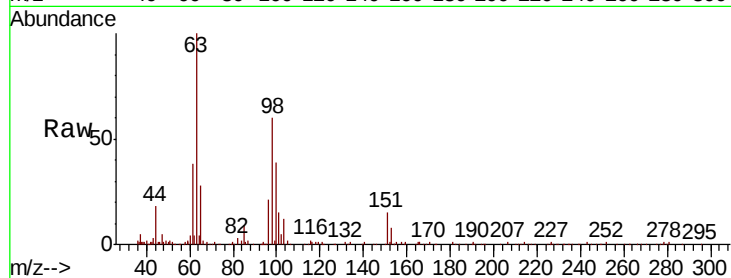
Tot Ion: 96 Resp: 19767

Ion Ratio Lower Upper

96 100

61 178.0 124.3 230.8

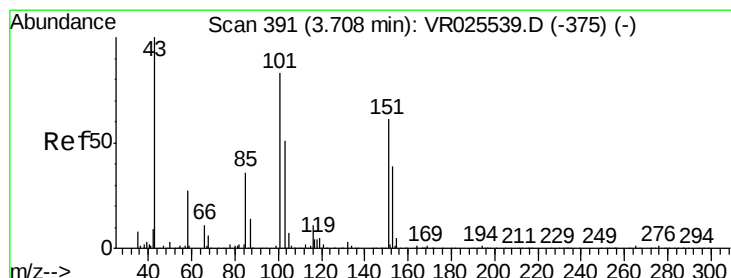
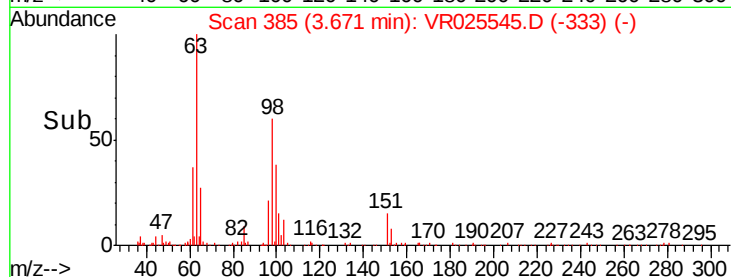
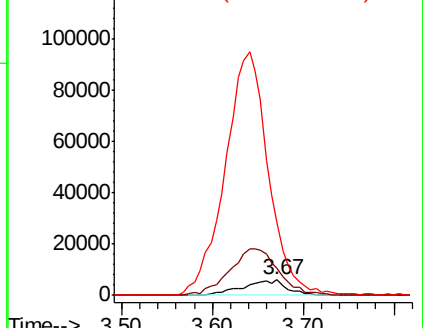
63 473.2 108.1 200.7#



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: 16.12 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025545.D

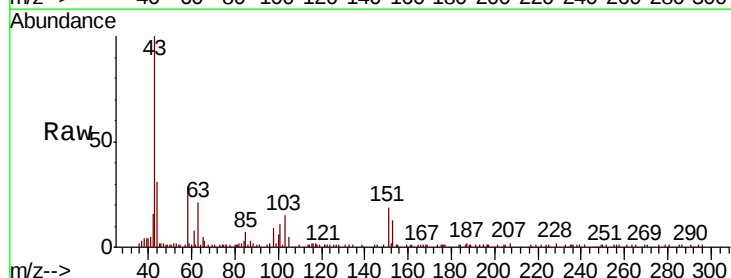
Acq: 30 Jul 2018 18:22

Tgt Ion: 43 Resp: 42518

Ion Ratio Lower Upper

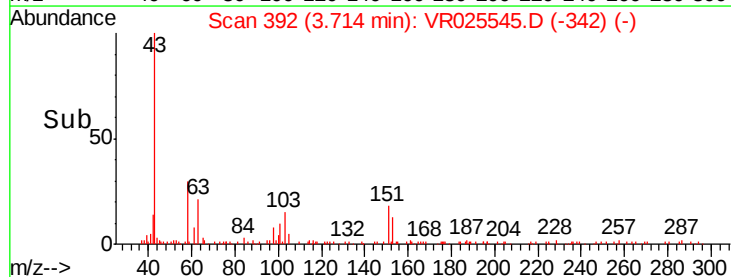
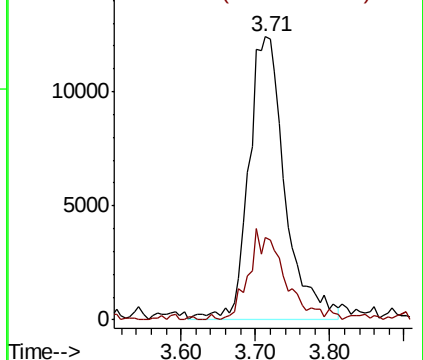
43 100

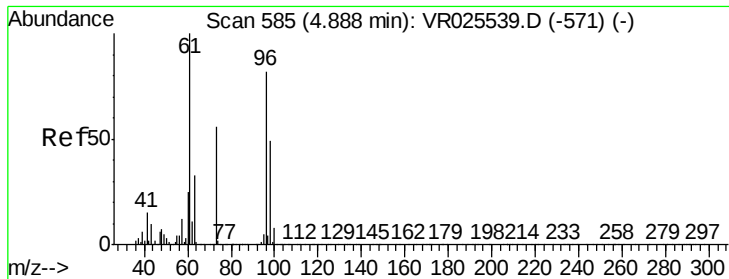
58 30.3 0.0 53.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0





#18

trans-1,2-Dichloroethene

Concen: 3.41 ug/L

RT: 4.88 min Scan# 583

Delta R.T. -0.01 min

Lab File: VR025545.D

Acq: 30 Jul 2018 18:22

Instrument :

MSVOA_R

ClientSampleId :

BE719

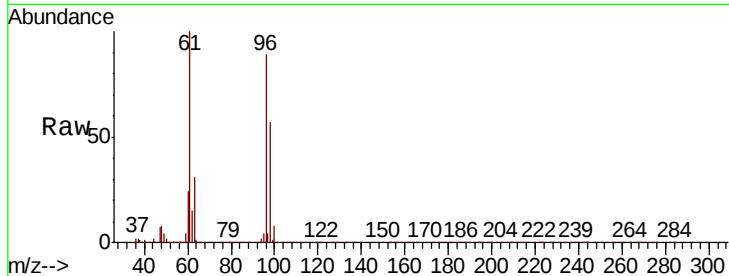
Tot Ion: 96 Resp: 142911

Ion Ratio Lower Upper

96 100

61 112.9 85.5 158.9

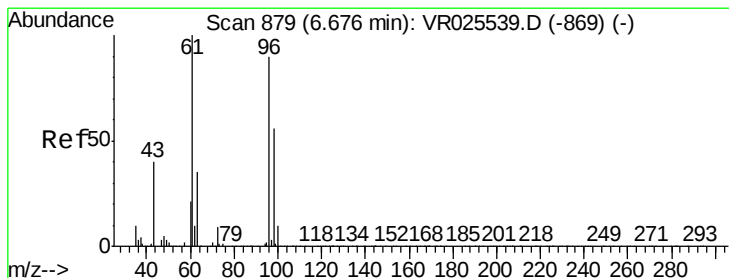
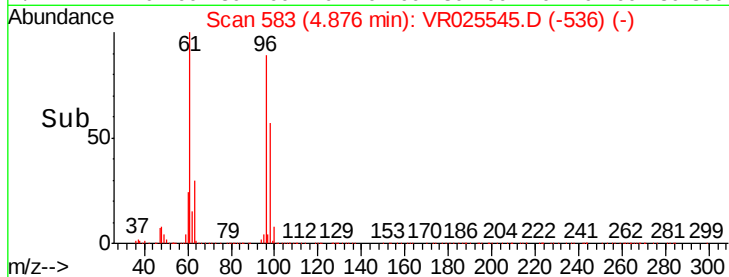
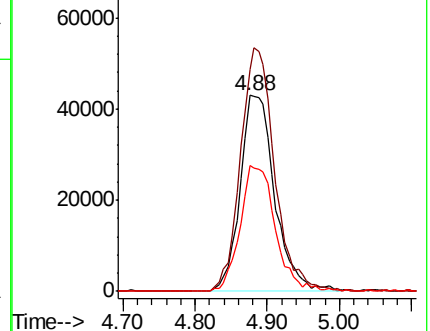
98 64.4 42.1 78.1



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0



#22

cis-1,2-Dichloroethene

Concen: 399.48 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.00 min

Lab File: VR025545.D

Acq: 30 Jul 2018 18:22

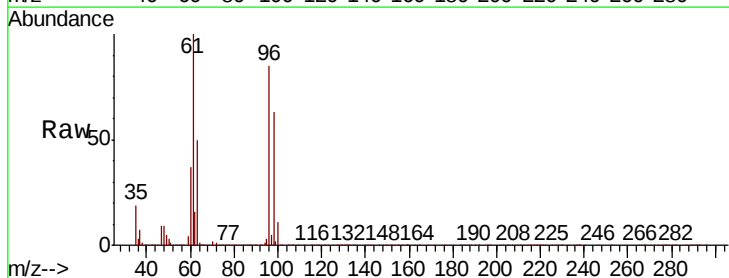
Tgt Ion: 96 Resp: 15290314

Ion Ratio Lower Upper

96 100

61 117.8 77.7 144.3

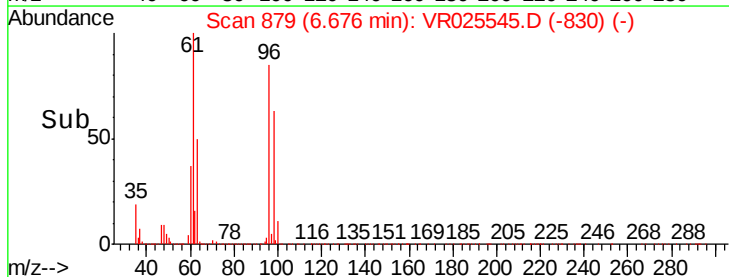
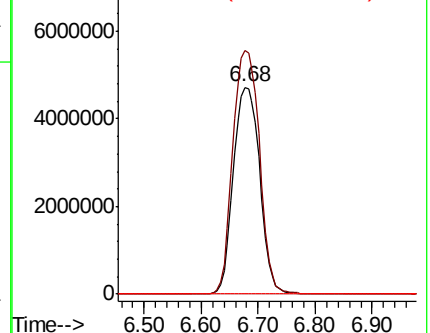
68 0.0 0.0 0.0#

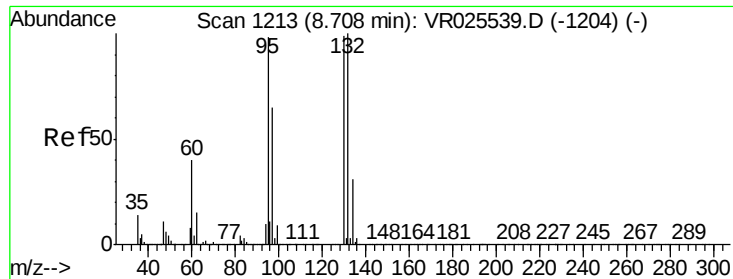


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#34

Trichloroethene

Concen: 1.56 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.01 min

Lab File: VR025545.D

Acq: 30 Jul 2018 18:22

Instrument :

MSVOA_R

ClientSampleId :

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Tot Ion: 95 Resp: 59652

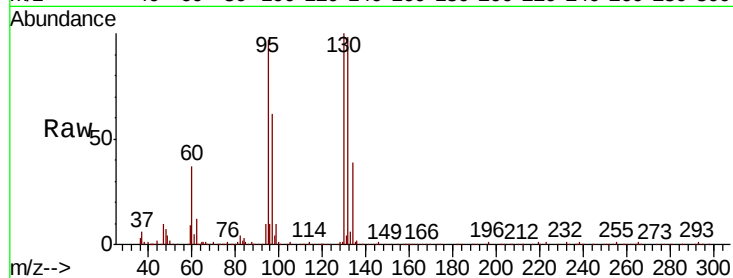
Ion Ratio Lower Upper

95 100

97 63.3 46.7 86.7

132 101.1 71.7 133.1

130 102.8 71.3 132.3

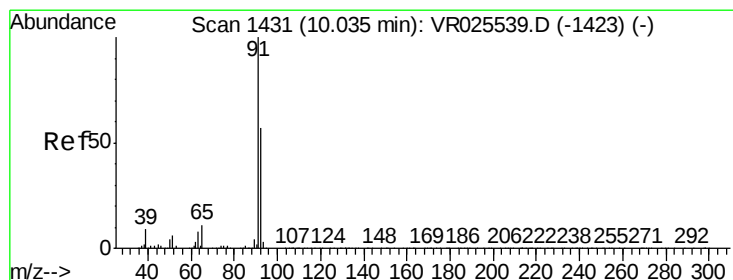
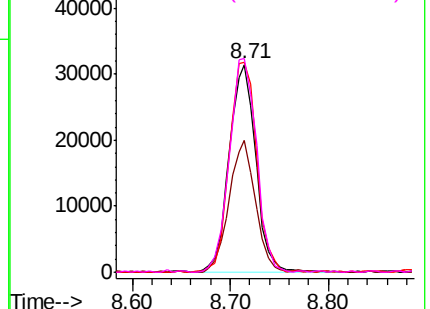
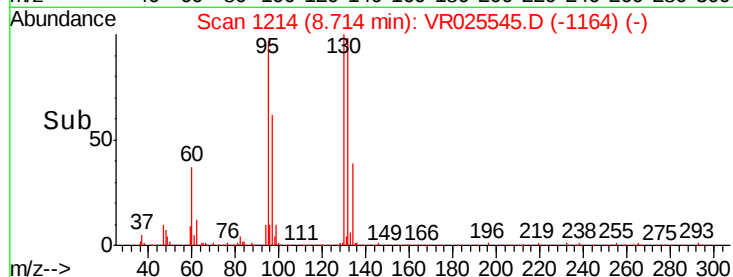


Abundance Ion 95.00 (94.70 to 95.70): VR0

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



#42

Toluene

Concen: 0.66 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025545.D

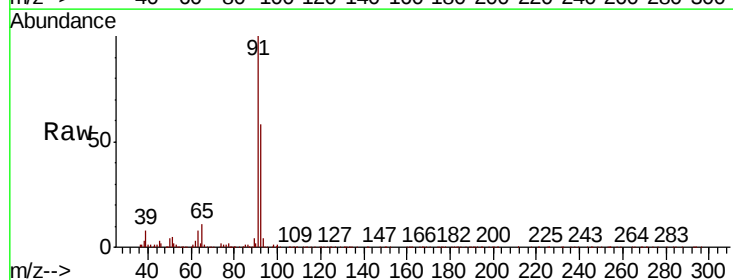
Acq: 30 Jul 2018 18:22

Tgt Ion: 91 Resp: 108224

Ion Ratio Lower Upper

91 100

92 58.4 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0

