

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR100218\
 Data File : VR025925.D
 Acq On : 2 Oct 2018 13:38
 Operator : SY/MD
 Sample : J5160-08MSD
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 GACB1MSD

Quant Time: Oct 15 07:28:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 04 11:11:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	444878	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	377452	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	124937	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	155933	4.44	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	2.62	69	148639	5.18	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	3.63	63	382360	4.64	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.80%
20) 2-Butanone-d5	6.59	46	222116	56.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.58%
24) Chloroform-d	7.20	84	282490	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	7.90	65	134499	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	7.85	84	541119	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	8.90	67	158375	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	9.97	98	470336	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	10.24	79	28504	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	10.59	63	166521	56.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.64%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64792	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	95632	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

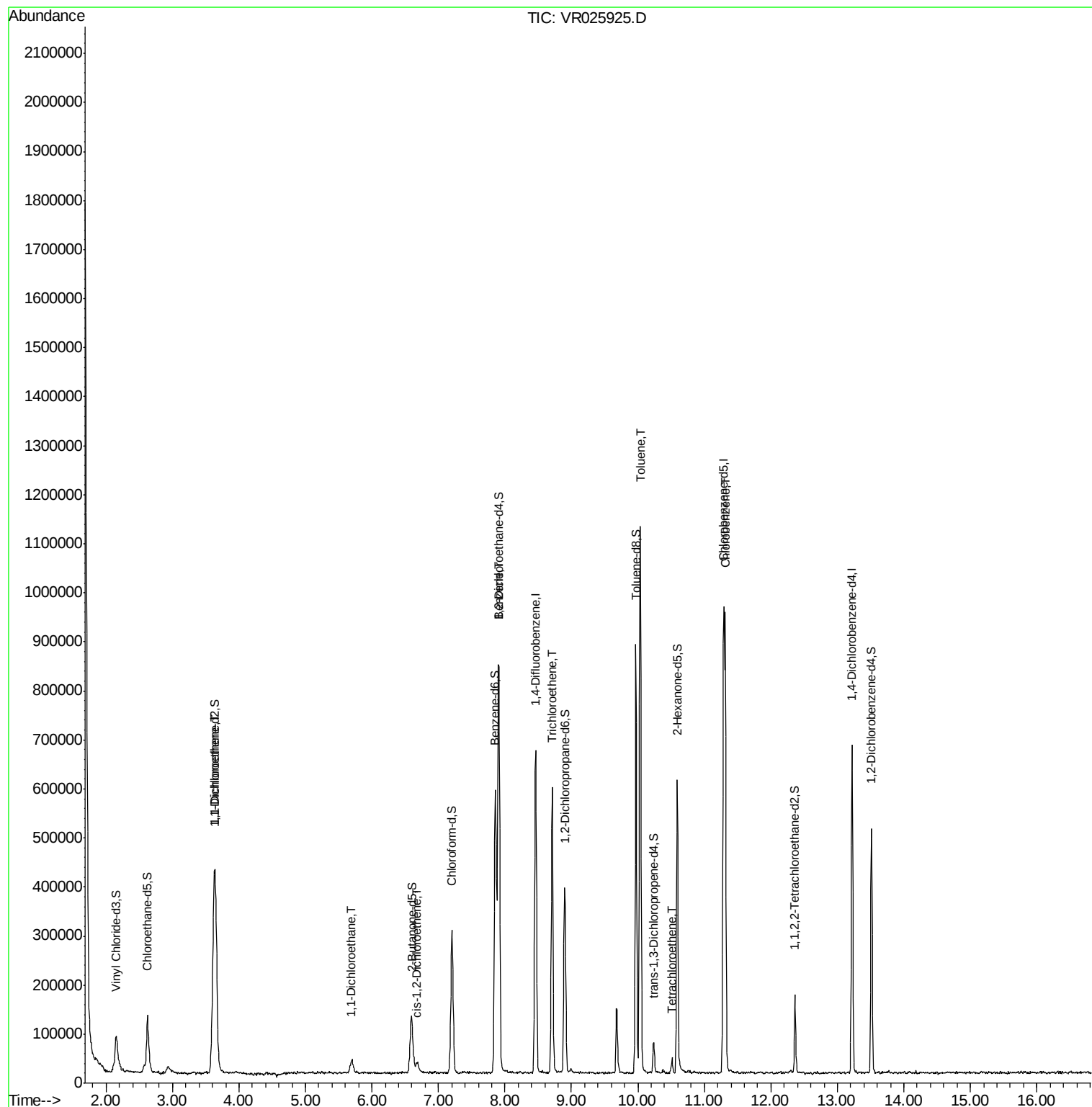
					Qvalue
12) 1,1-Dichloroethene	3.64	96	186756	5.561 ug/L	84
19) 1,1-Dichloroethane	5.69	63	40282	0.733 ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	8452	0.302 ug/L #	91
33) Benzene	7.91	78	663585	5.241 ug/L	100
34) Trichloroethene	8.71	95	175965	5.275 ug/L	94
42) Toluene	10.04	91	705016	5.359 ug/L	97
47) Tetrachloroethene	10.51	164	6283	0.306 ug/L #	77
51) Chlorobenzene	11.32	112	372969	5.345 ug/L	98

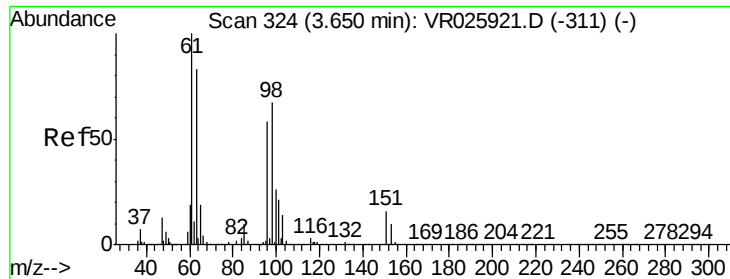
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 04 11:11:33 2018
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#12

1,1-Dichloroethene

Concen: 5.561 ug/L

RT: 3.64 min Scan# 323

Delta R.T. -0.02 min

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Instrument :

MSVOA_R

ClientSampleId :

GACB1MSD

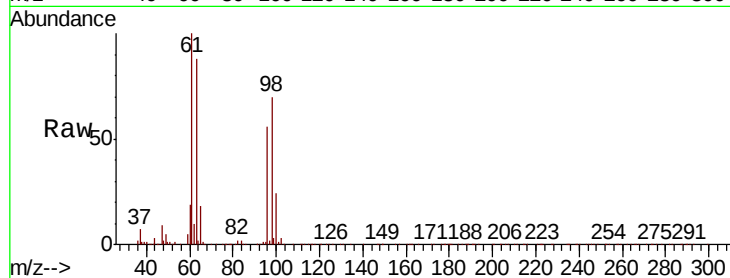
Tgt Ion: 96 Resp: 186756

Ion Ratio Lower Upper

96 100

61 178.6 145.0 269.4

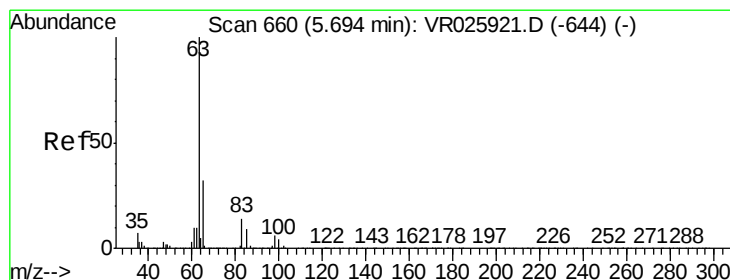
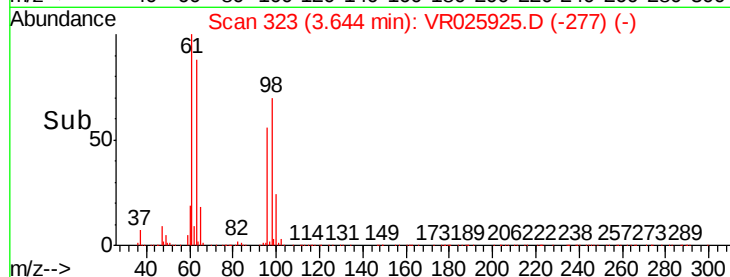
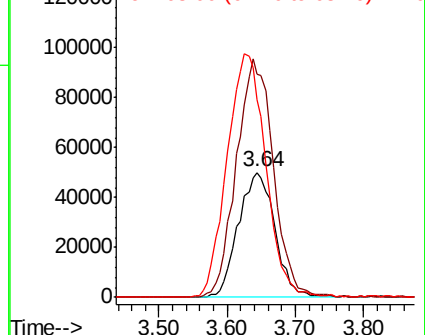
63 157.9 123.8 230.0



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



#19

1,1-Dichloroethane

Concen: 0.733 ug/L

RT: 5.69 min Scan# 659

Delta R.T. -0.01 min

Lab File: VR025925.D

Acq: 2 Oct 2018 13:38

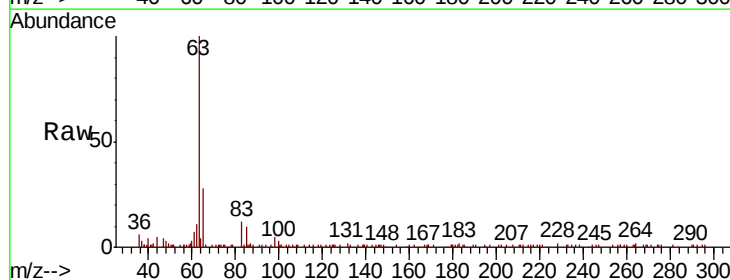
Tgt Ion: 63 Resp: 40282

Ion Ratio Lower Upper

63 100

65 28.0 21.1 39.1

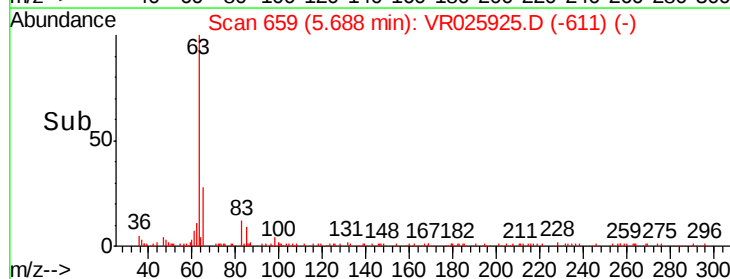
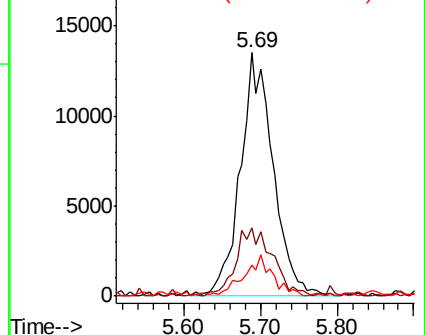
83 12.9 8.9 16.5

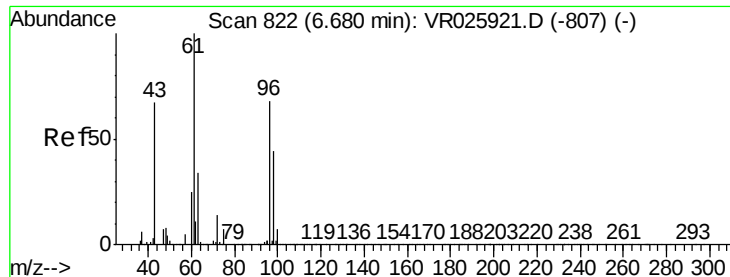


Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0





#22

cis-1,2-Dichloroethene

Concen: 0.302 ug/L

RT: 6.67 min Scan# 820

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

GACB1MSD

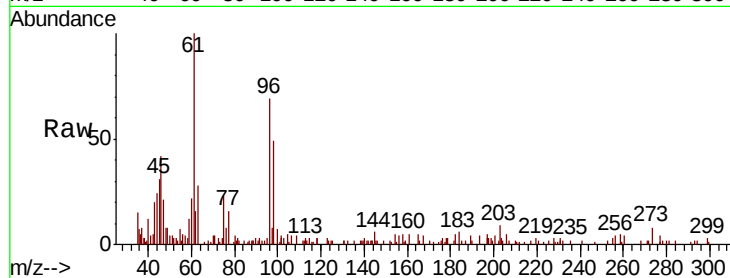
Tgt Ion: 96 Resp: 8452

Ion Ratio Lower Upper

96 100

61 144.1 108.7 201.9

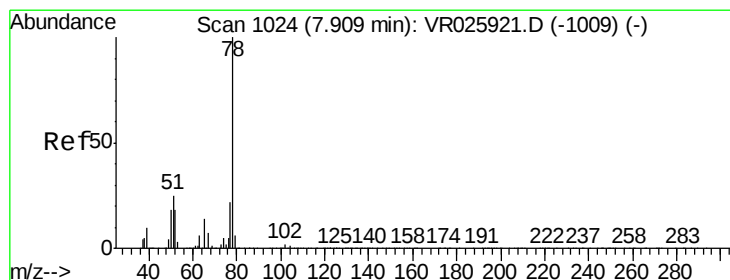
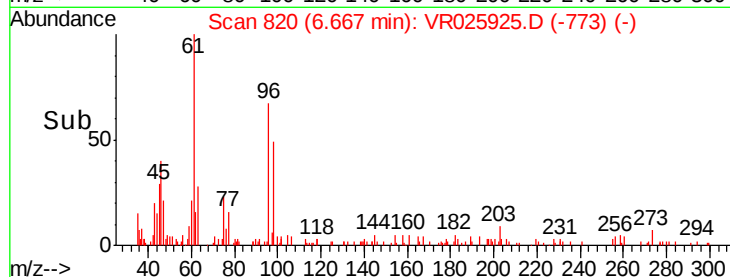
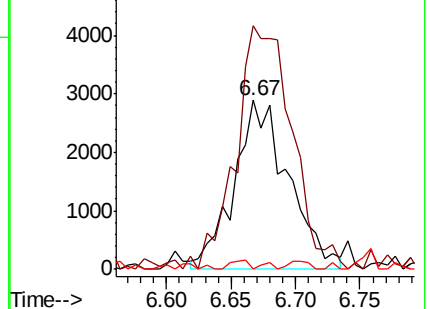
68 0.0 0.1 0.1#



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



#33

Benzene

Concen: 5.241 ug/L

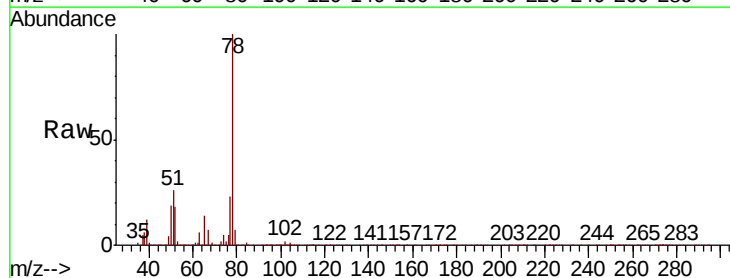
RT: 7.91 min Scan# 1024

Delta R.T. -0.00 min

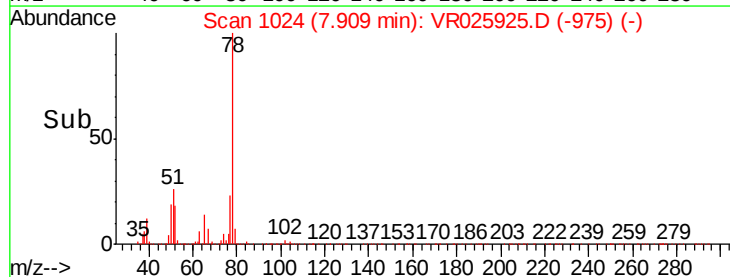
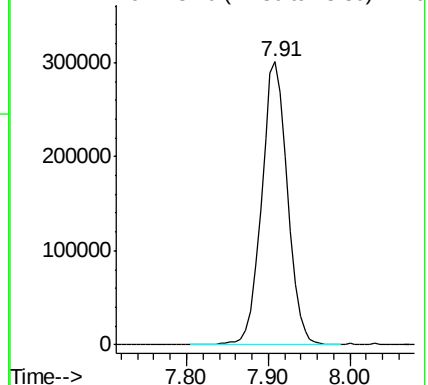
Lab File: VR025925.D

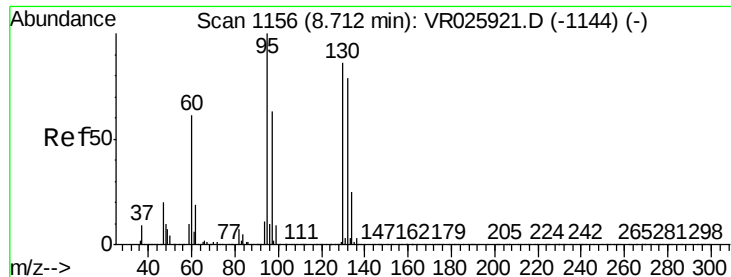
Acq: 2 Oct 2018 13:38

Tgt Ion: 78 Resp: 663585



Abundance Ion 78.10 (77.80 to 78.80): VR0





#34

Trichloroethene

Concen: 5.275 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR025925.D

Acq: 2 Oct 2018 13:38

Instrument :

MSVOA_R

ClientSampleId :

GACB1MSD

Tgt Ion: 95 Resp: 175965

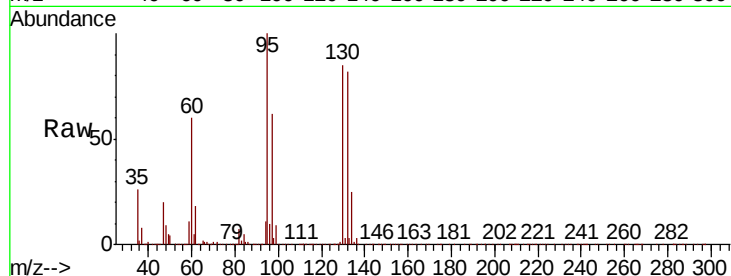
Ion Ratio Lower Upper

95 100

97 62.4 43.9 81.5

132 81.7 53.3 98.9

130 85.2 53.8 99.8

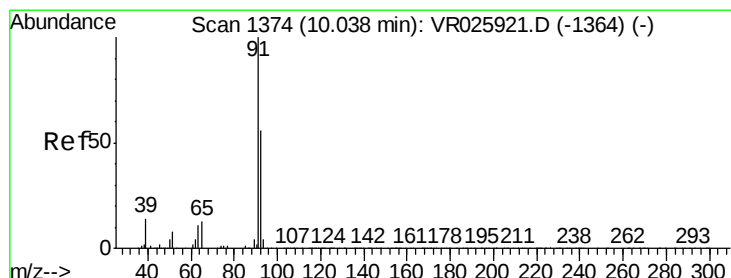
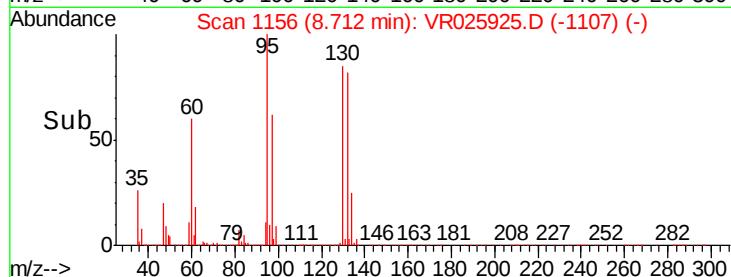
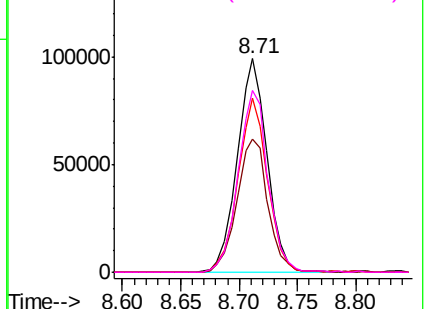


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 5.359 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. -0.00 min

Lab File: VR025925.D

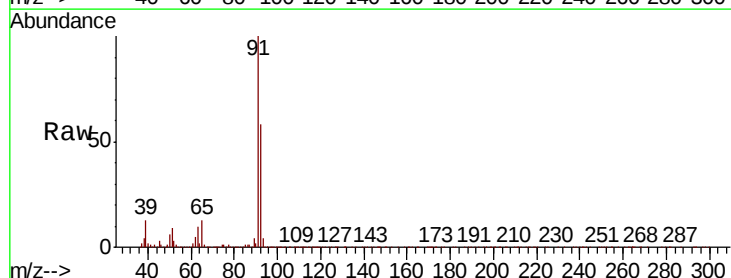
Acq: 2 Oct 2018 13:38

Tgt Ion: 91 Resp: 705016

Ion Ratio Lower Upper

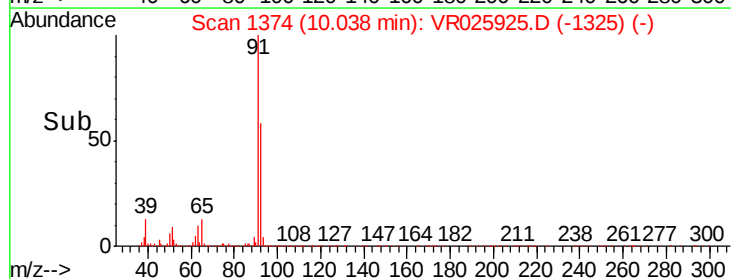
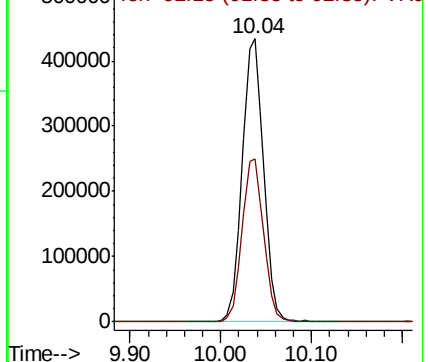
91 100

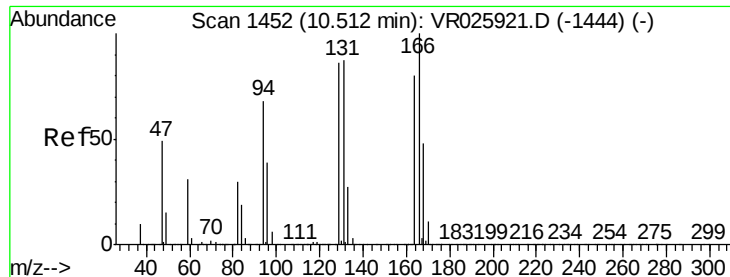
92 57.7 41.8 77.6



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0

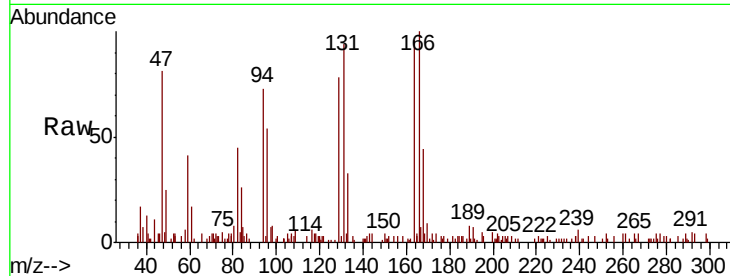




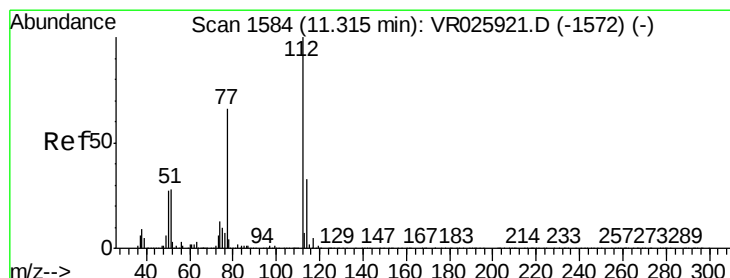
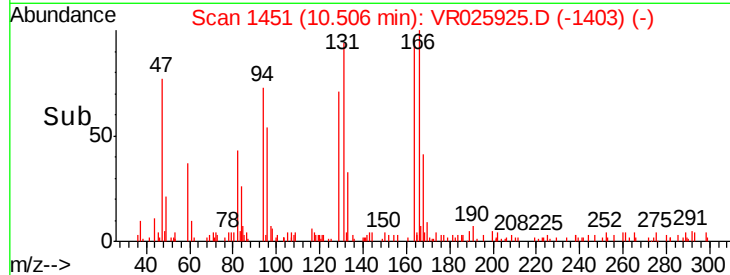
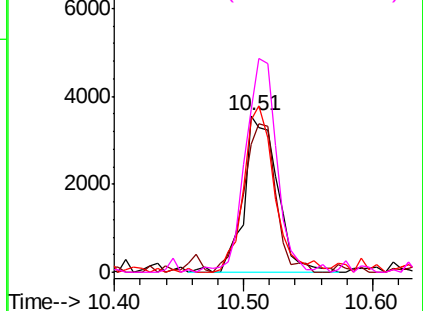
#47
Tetrachloroethene
Concen: 0.306 ug/L
RT: 10.51 min Scan# 1451
Delta R.T. -0.01 min
Lab File: VR025925.D
Acq: 2 Oct 2018 13:38

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Tgt Ion:164 Resp: 6283
Ion Ratio Lower Upper
164 100
129 78.7 80.8 150.2#
131 93.9 74.5 138.3
166 107.1 92.5 171.7

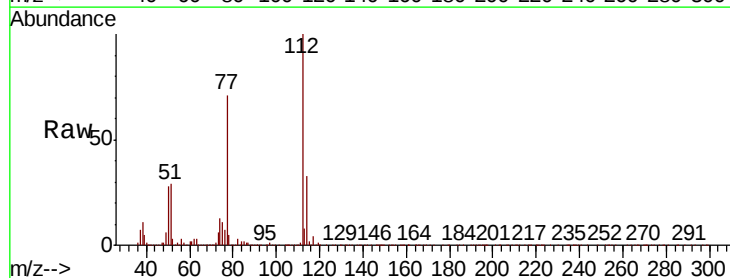


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#51
Chlorobenzene
Concen: 5.345 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VR025925.D
Acq: 2 Oct 2018 13:38

Tgt Ion:112 Resp: 372969
Ion Ratio Lower Upper
112 100
114 32.8 22.7 42.3
77 70.7 58.5 87.7



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): VR

