

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100218\
 Data File : VR025924.D
 Acq On : 2 Oct 2018 13:06
 Operator : SY/MD
 Sample : J5160-07MS
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 04 11:19:29 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	436683	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	370598	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	127302	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	157604	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	2.63	69	142874	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	3.64	63	385885	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	6.59	46	215070	56.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.04%
24) Chloroform-d	7.20	84	279588	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	7.90	65	137470	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	7.85	84	540154	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	8.89	67	157593	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	9.97	98	474707	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	10.24	79	29083	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	10.59	63	165920	57.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.34%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66187	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	95409	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

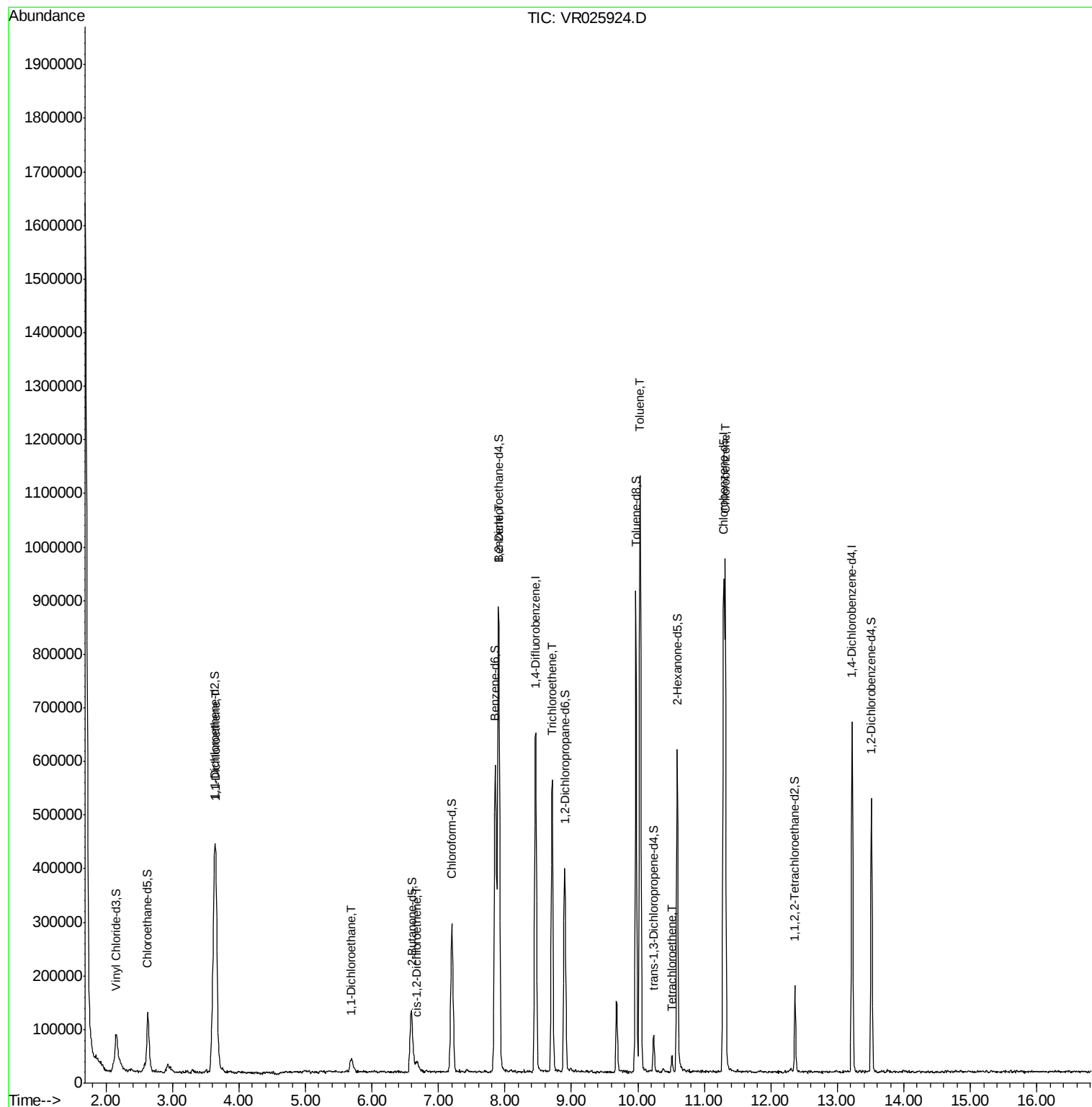
					Ovalue
12) 1,1-Dichloroethene	3.65	96	190714	5.786	ug/L 79
19) 1,1-Dichloroethane	5.68	63	37684	0.698	ug/L 94
22) cis-1,2-Dichloroethene	6.67	96	7523	0.274	ug/L # 94
33) Benzene	7.91	78	667809	5.372	ug/L 100
34) Trichloroethene	8.71	95	176731	5.396	ug/L 94
42) Toluene	10.04	91	715172	5.537	ug/L 94
47) Tetrachloroethene	10.52	164	5405	0.268	ug/L # 71
51) Chlorobenzene	11.32	112	382443	5.582	ug/L 94

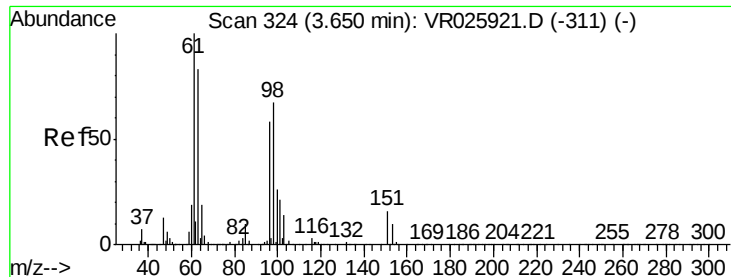
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 04 11:11:33 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.786 ug/L

RT: 3.65 min Scan# 324

Delta R.T. -0.01 min

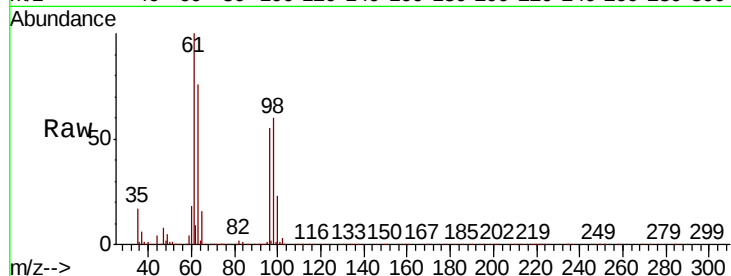
Lab File: VR025924.D

Acq: 2 Oct 2018 13:06

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 96 Resp: 190714

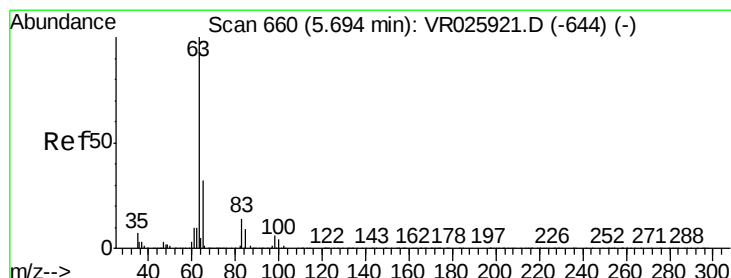
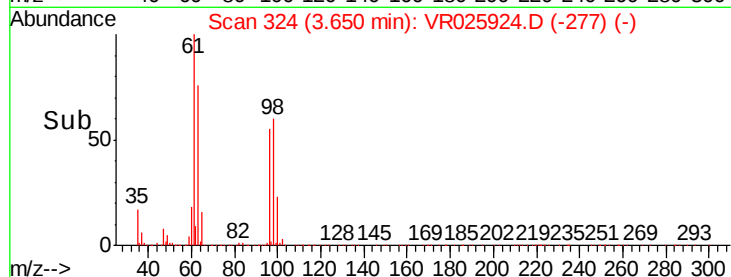
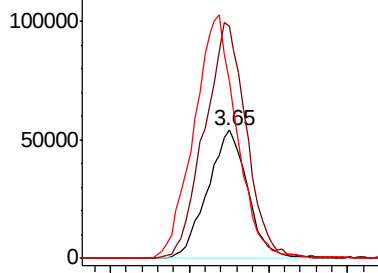
Ion	Ratio	Lower	Upper
96	100		
61	182.1	145.0	269.4
63	139.0	123.8	230.0



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: 0.698 ug/L

RT: 5.68 min Scan# 658

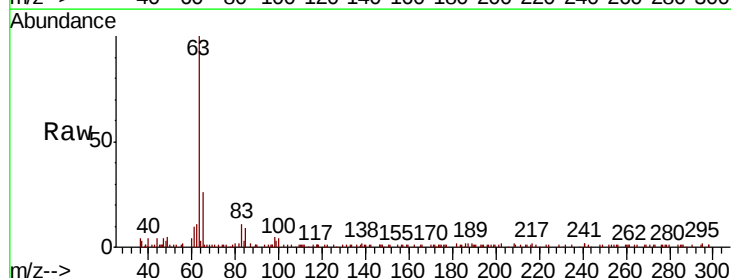
Delta R.T. -0.01 min

Lab File: VR025924.D

Acq: 2 Oct 2018 13:06

Tgt Ion: 63 Resp: 37684

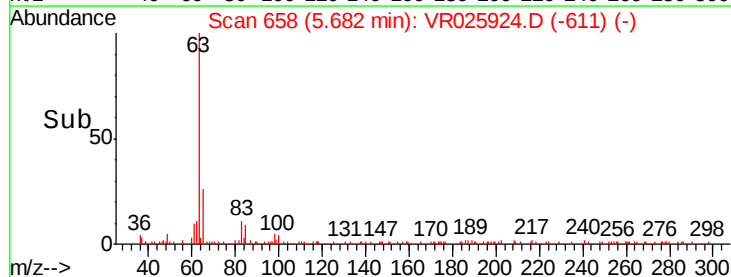
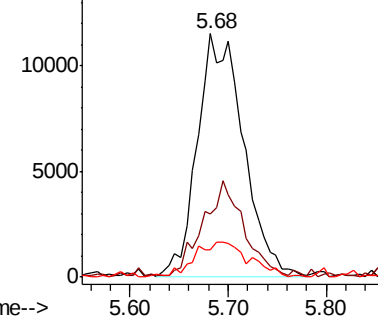
Ion	Ratio	Lower	Upper
63	100		
65	26.0	21.1	39.1
83	11.2	8.9	16.5

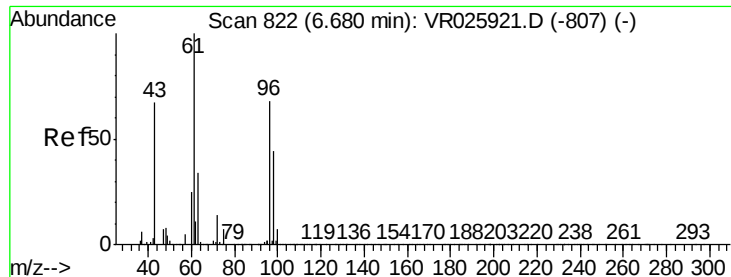


Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0



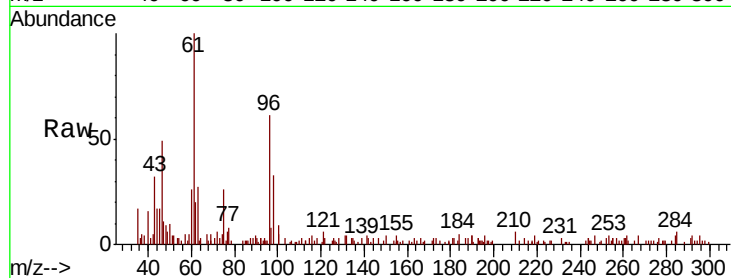


#22

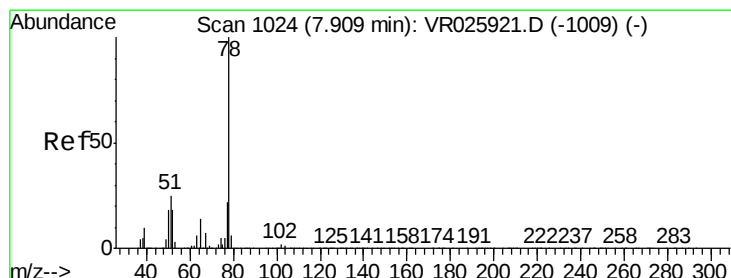
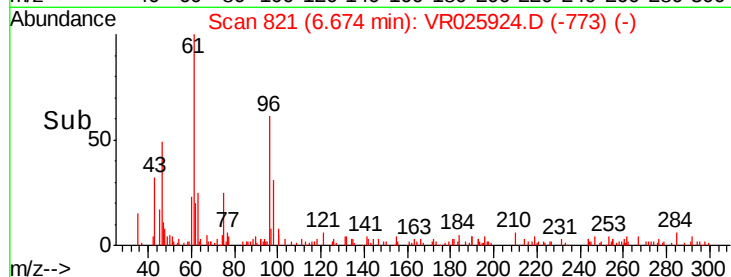
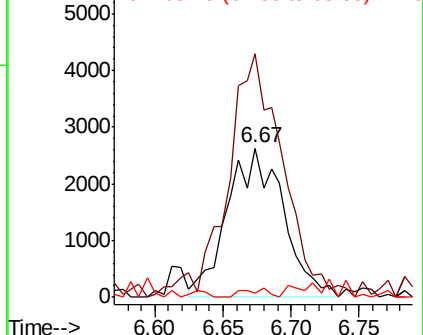
cis-1,2-Dichloroethene
Concen: 0.274 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.01 min
Lab File: VR025924.D
Acq: 2 Oct 2018 13:06

Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 96 Resp: 7523
Ion Ratio Lower Upper
96 100
61 163.0 108.7 201.9
68 3.1 0.1 0.1#



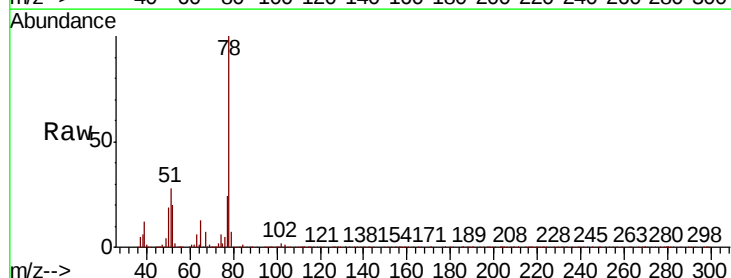
Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0



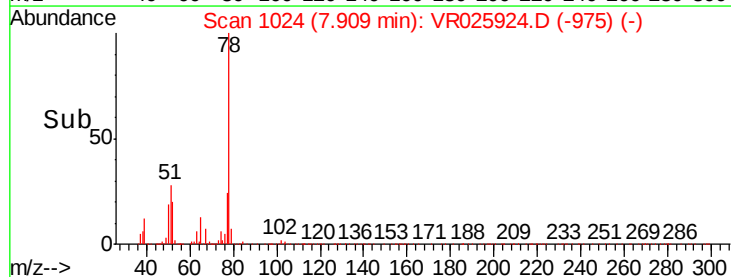
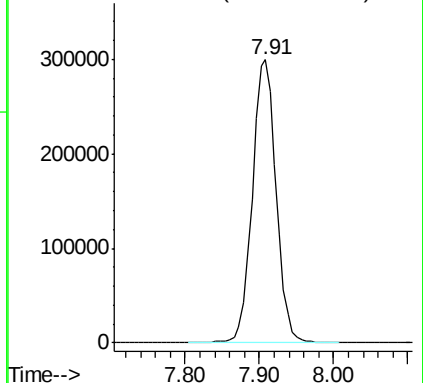
#33

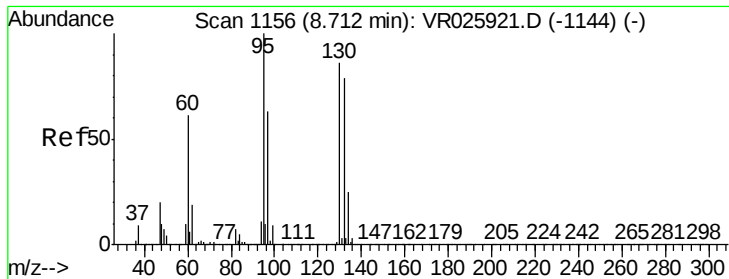
Benzene
Concen: 5.372 ug/L
RT: 7.91 min Scan# 1024
Delta R.T. -0.00 min
Lab File: VR025924.D
Acq: 2 Oct 2018 13:06

Tgt Ion: 78 Resp: 667809



Abundance Ion 78.10 (77.80 to 78.80): VR0

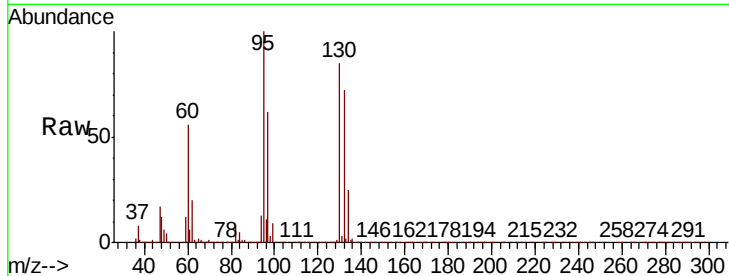




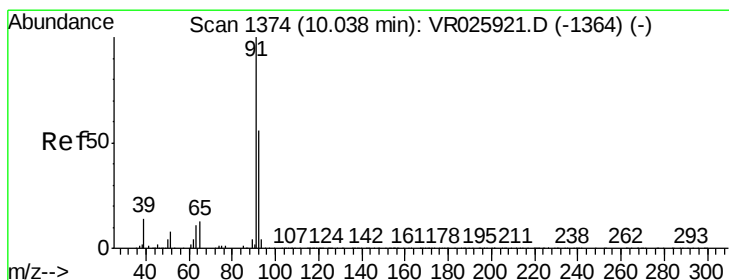
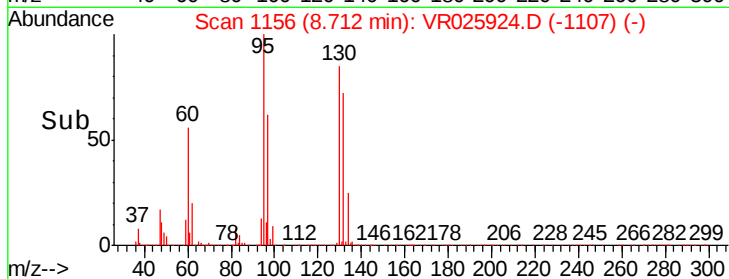
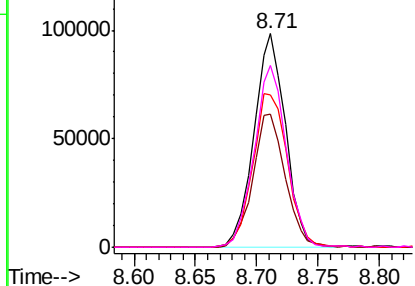
#34
 Trichloroethene
 Concen: 5.396 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: VR025924.D
 Acq: 2 Oct 2018 13:06

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion	95	Resp	176731
Ion	Ratio	Lower	Upper
95	100		
97	62.1	43.9	81.5
132	71.5	53.3	98.9
130	85.4	53.8	99.8

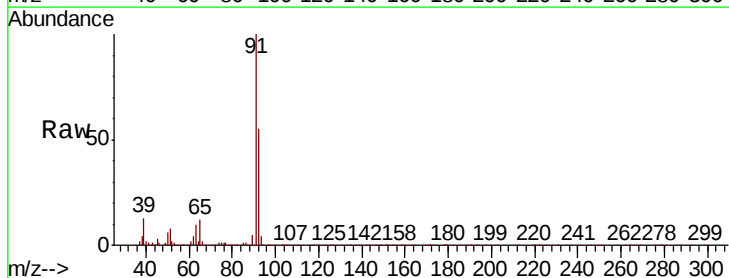


Abundance Ion 95.00 (94.70 to 95.70): VR0
 Ion 96.95 (96.65 to 97.65): VR0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

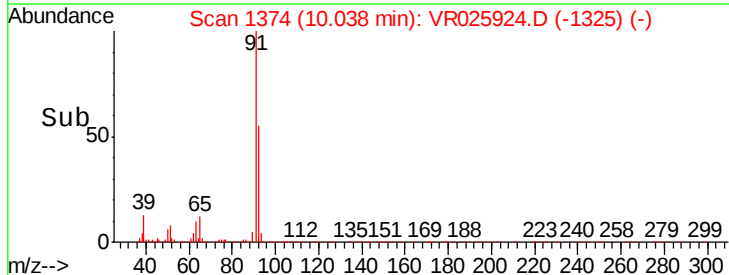
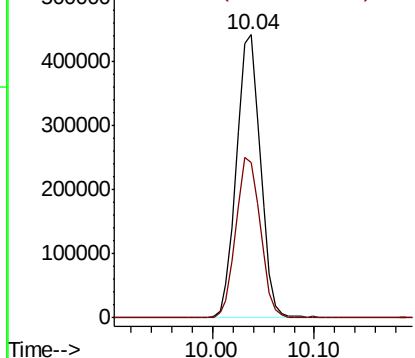


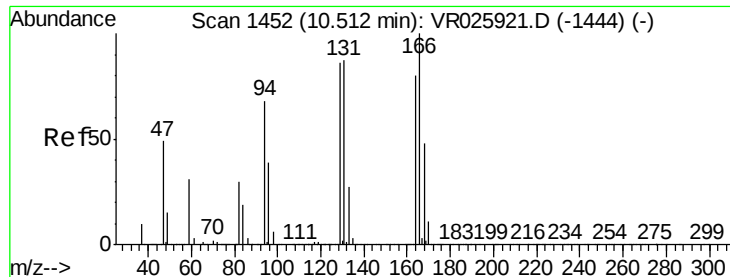
#42
 Toluene
 Concen: 5.537 ug/L
 RT: 10.04 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: VR025924.D
 Acq: 2 Oct 2018 13:06

Tgt Ion	91	Resp	715172
Ion	Ratio	Lower	Upper
91	100		
92	54.8	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: 0.268 ug/L

RT: 10.52 min Scan# 1453

Delta R.T. 0.01 min

Lab File: VR025924.D

Acq: 2 Oct 2018 13:06

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion:164 Resp: 5405

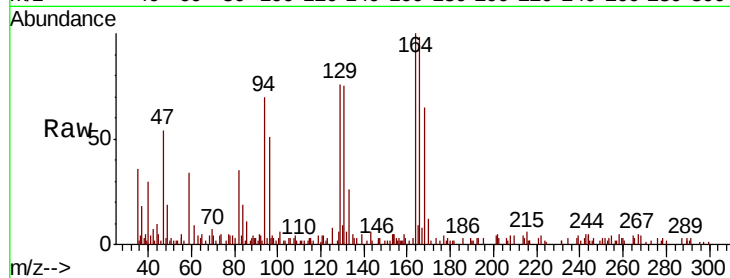
Ion Ratio Lower Upper

164 100

129 75.6 80.8 150.2#

131 75.5 74.5 138.3

166 105.5 92.5 171.7

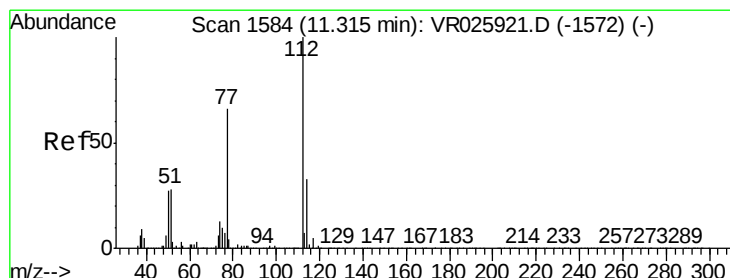
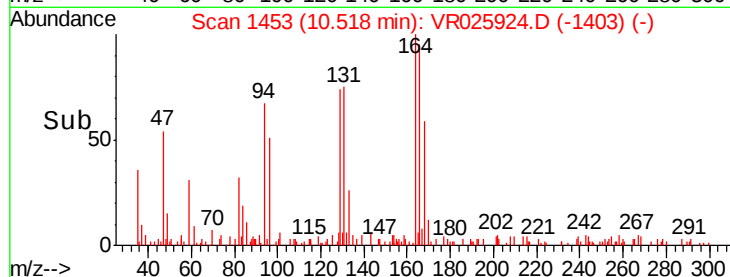
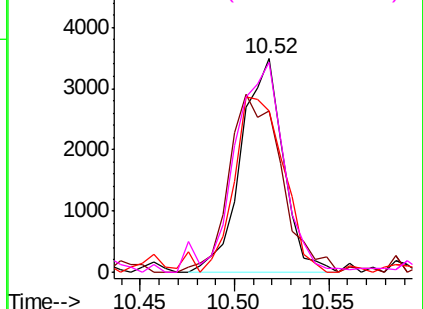


Abundance Ion 163.90 (163.60 to 164.60): V

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: 5.582 ug/L

RT: 11.32 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VR025924.D

Acq: 2 Oct 2018 13:06

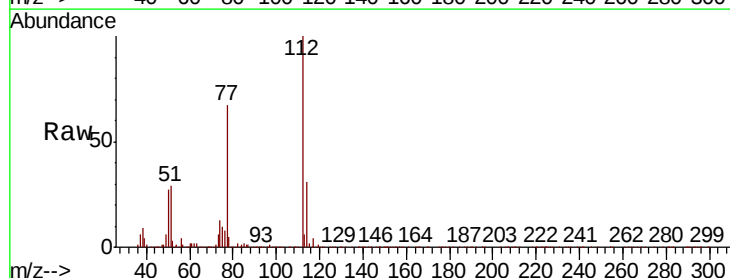
Tgt Ion:112 Resp: 382443

Ion Ratio Lower Upper

112 100

114 30.9 22.7 42.3

77 67.4 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): VR0

