

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 :

Quant Time: Oct 04 11:20:57 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

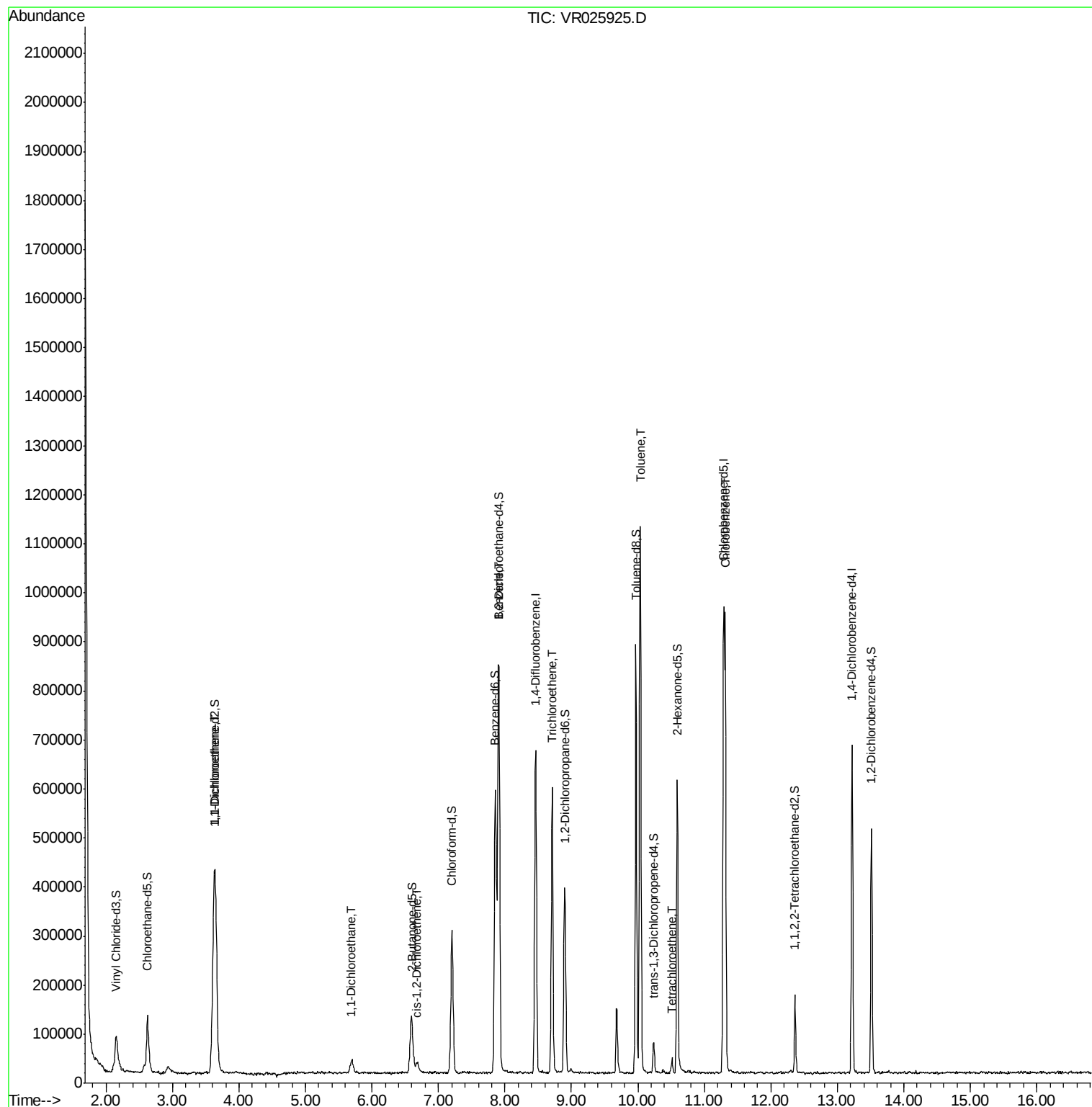
					Ovalue
12) 1,1-Dichloroethene	3.64	96	186756	5.561	ug/L 84
19) 1,1-Dichloroethane	5.69	63	40282	0.733	ug/L 97
22) cis-1,2-Dichloroethene	6.67	96	8452	0.302	ug/L # 91
33) Benzene	7.91	78	663585	5.241	ug/L 100
34) Trichloroethene	8.71	95	175965	5.275	ug/L 94
42) Toluene	10.04	91	705016	5.359	ug/L 97
47)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

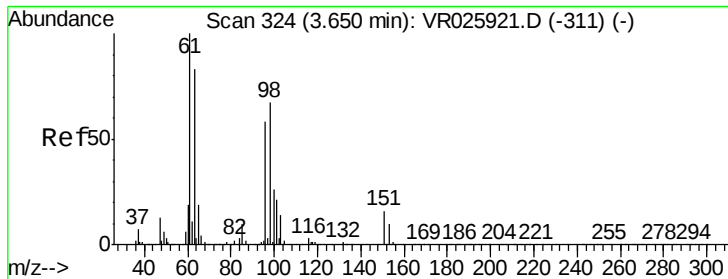
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\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 :

Quant Time: Oct 04 11:20:57 2018
Quant Method : Z:\V0ASRV\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





#12

1,1-Dichloroethene

Concen: 5.561 ug/L

RT: 3.64 min Scan# 323

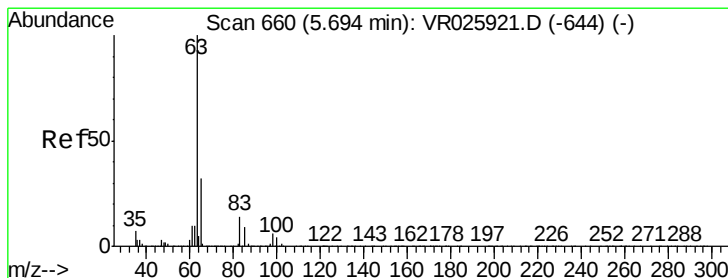
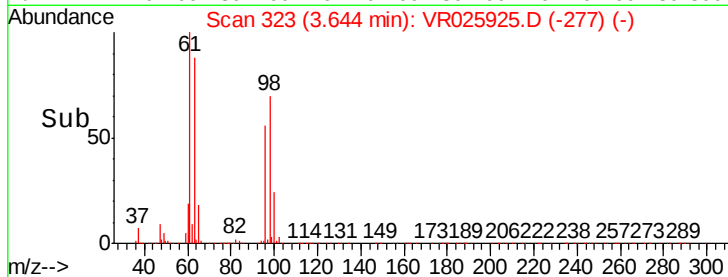
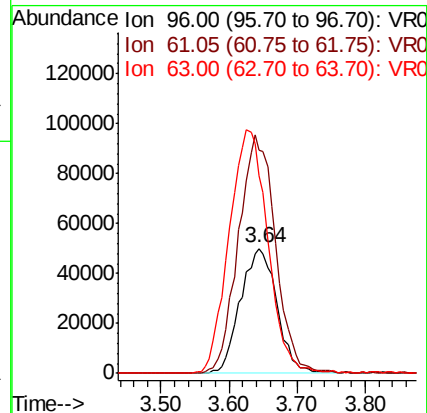
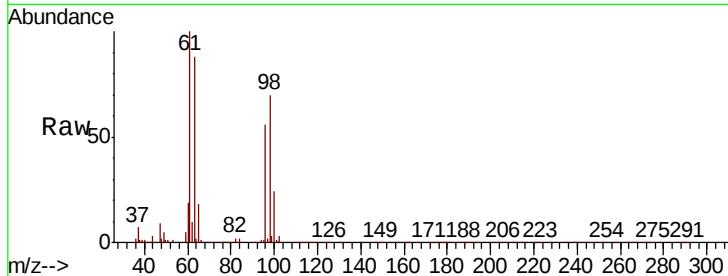
Delta R.T. -0.02 min

Lab File: VR025925.D

Acq: 2 Oct 2018 13:38

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion:	96	Resp:	186756
Ion	Ratio	Lower	Upper
96	100		
61	178.6	145.0	269.4
63	157.9	123.8	230.0



#19

1,1-Dichloroethane

Concen: 0.733 ug/L

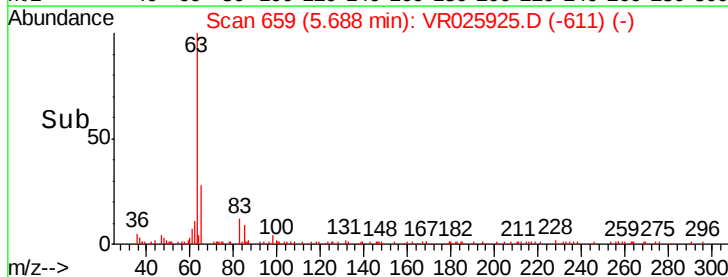
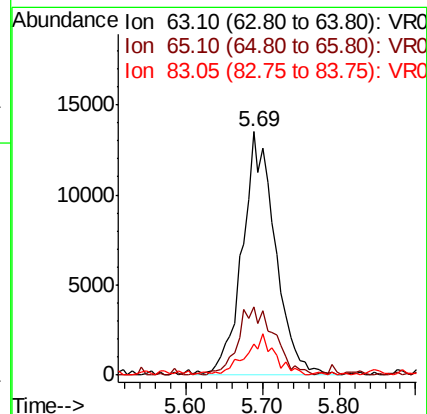
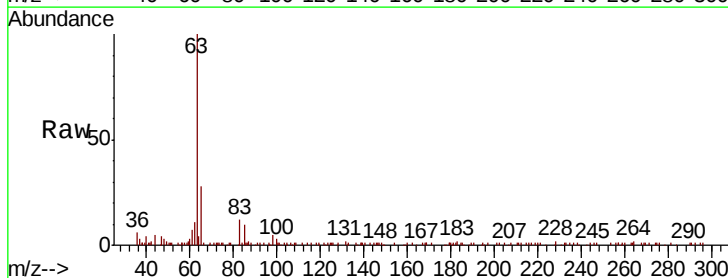
RT: 5.69 min Scan# 659

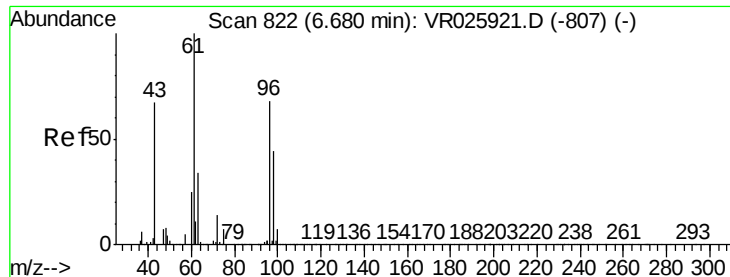
Delta R.T. -0.01 min

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





#22

cis-1,2-Dichloroethene

Concen: 0.302 ug/L

RT: 6.67 min Scan# 820

Delta R.T. -0.01 min

Lab File: VR025925.D

Acq: 2 Oct 2018 13:38

Instrument :

MSVOA_R

ClientSampleId :

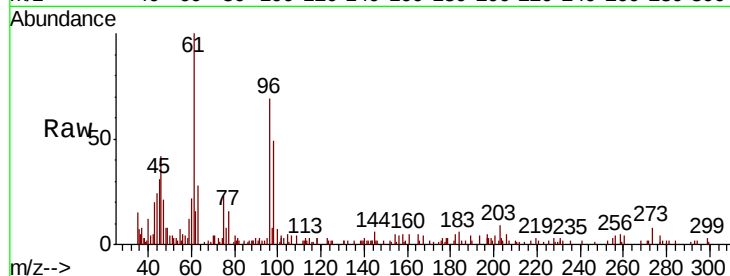
Tot Ion: 96 Resp: 8452

Ion Ratio Lower Upper

96 100

61 144.1 108.7 201.9

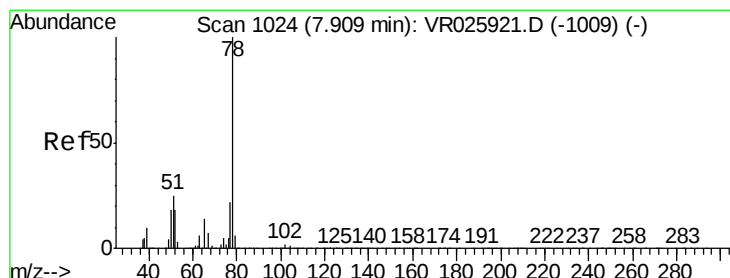
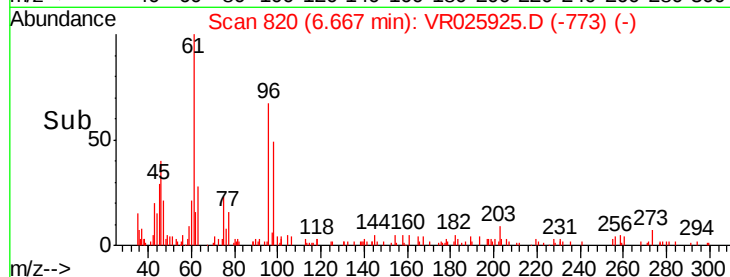
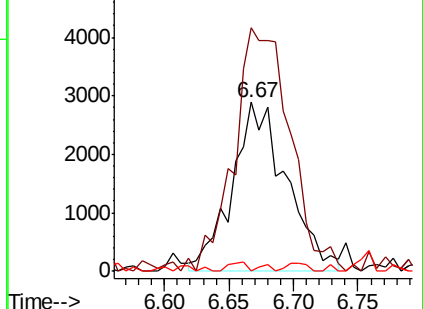
68 0.0 0.1 0.1#



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

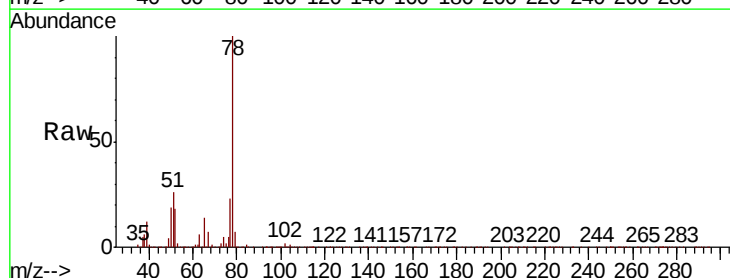
RT: 7.91 min Scan# 1024

Delta R.T. -0.00 min

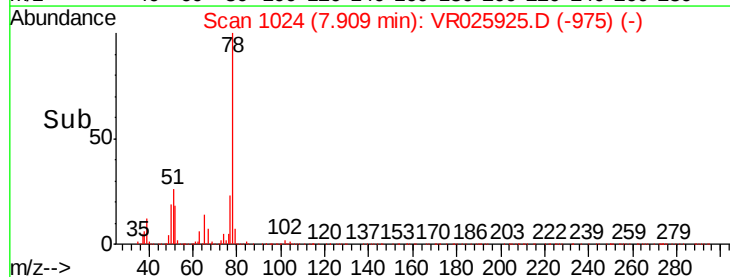
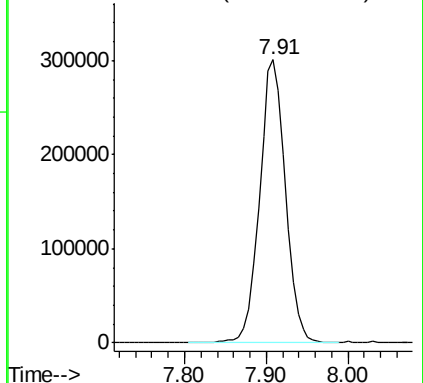
Lab File: VR025925.D

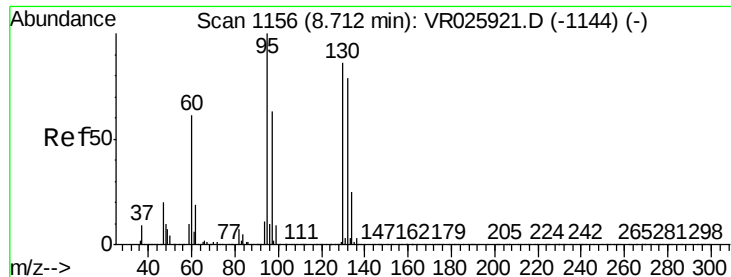
Acq: 2 Oct 2018 13:38

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 :

Tot Ion: 95 Resp: 175965

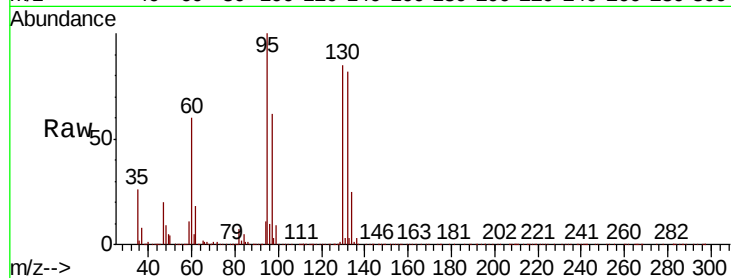
Ion Ratio Lower Upper

95 100

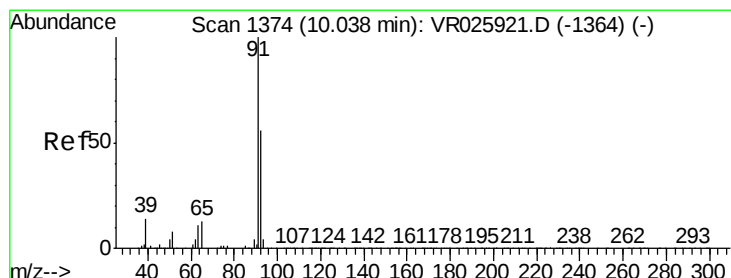
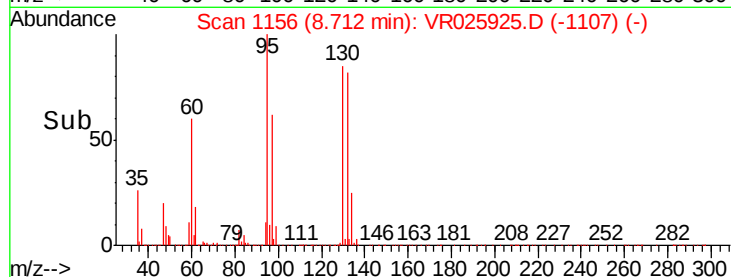
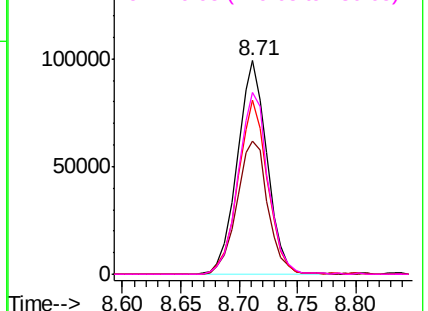
97 62.4 43.9 81.5

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

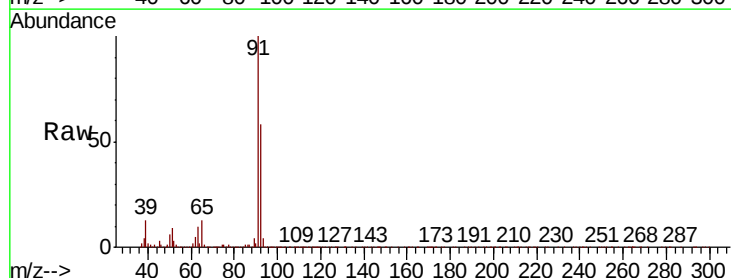
Acq: 2 Oct 2018 13:38

Tgt Ion: 91 Resp: 705016

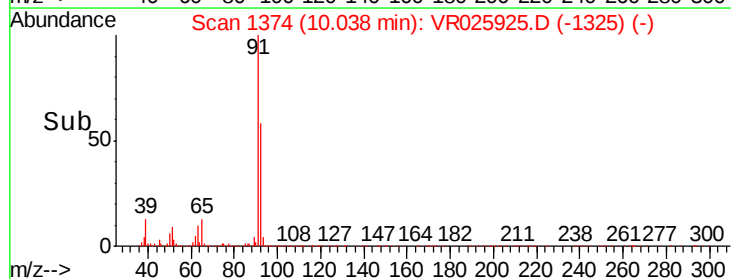
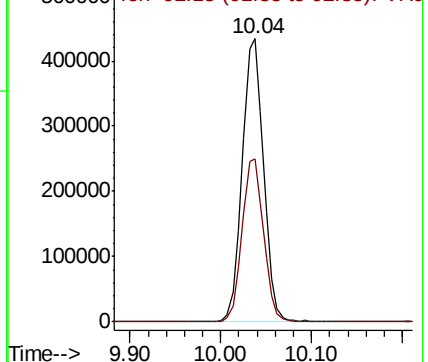
Ion Ratio Lower Upper

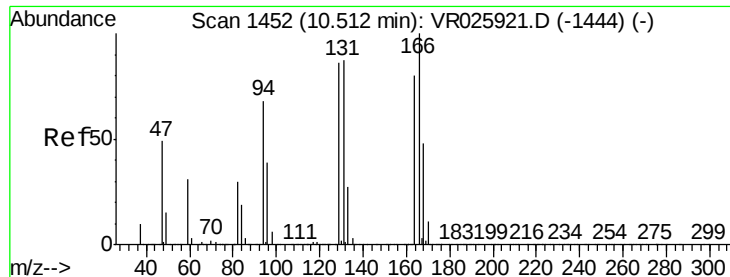
91 100

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

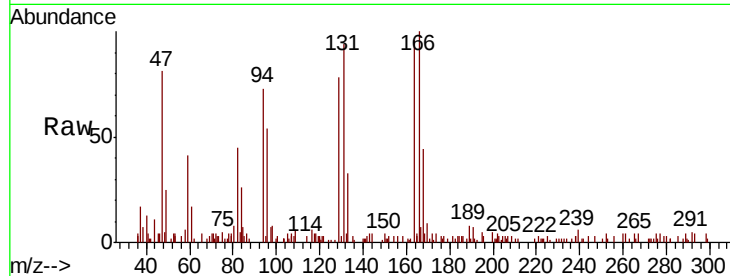




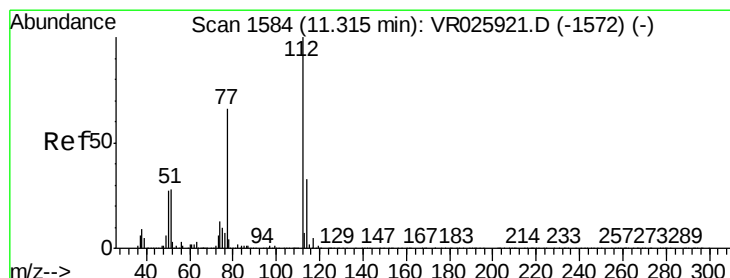
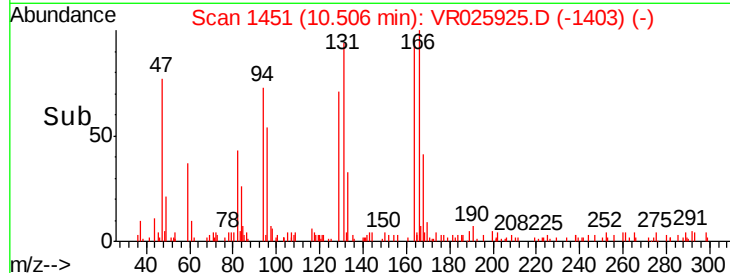
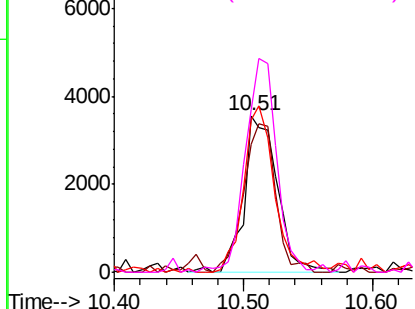
#47
Tetrachloroethene
Concen: 0.306 ug/L
RT: 10.51 min Scan# 1451
Delta R.T. -0.01 min
Lab File: VR025925.D
Acq: 2 Oct 2018 13:38

Instrument :
MSVOA_R
ClientSampleId :

Tot 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

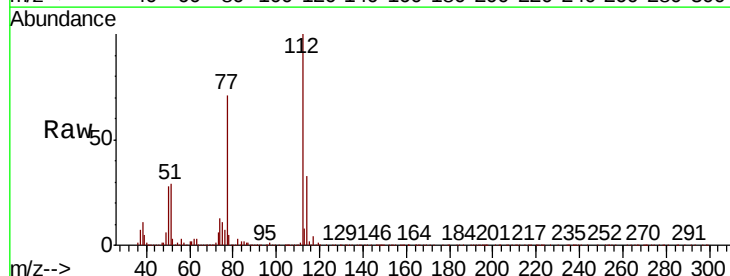


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#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

