

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101118\
 Data File : VR026039.D
 Acq On : 11 Oct 2018 11:59
 Operator : SY/MD
 Sample : J5379-07
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 H42A7

Quant Time: Oct 12 10:23:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 12 08:06:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	486444	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	415895	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	141837	5.00	ug/L	0.00

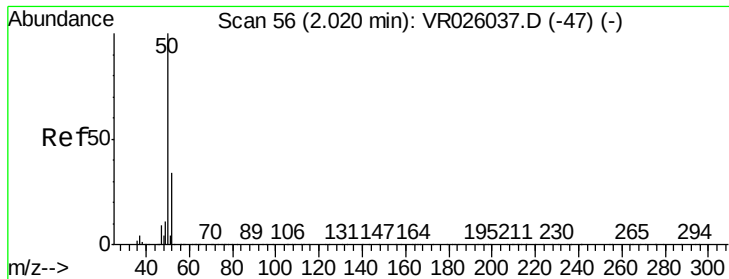
System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	187371	4.88	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	2.63	69	170484	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	3.63	63	353645	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	6.59	46	198897	46.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.02%
24) Chloroform-d	7.20	84	306153	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	7.90	65	138503	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	7.86	84	625455	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	8.90	67	174638	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	9.97	98	573501	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	10.24	79	40042	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	10.59	63	160904	49.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.66%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66341	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	107192	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

					Ovalue
3) Chloromethane	2.02	50	7500	0.178	ug/L 98
18) trans-1,2-Dichloroethene	4.87	96	6957	0.229	ug/L # 46
19) 1,1-Dichloroethane	5.70	63	7288	0.121	ug/L 97
22) cis-1,2-Dichloroethene	6.68	96	340286	11.135	ug/L 98
25) Chloroform	7.23	83	8879	0.152	ug/L 82
29) 1,1,1-Trichloroethane	7.43	97	92536	1.979	ug/L 95
34) Trichloroethene	8.71	95	1393085	37.901	ug/L 89

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



#3

Chloromethane

Concen: 0.178 ug/L

RT: 2.02 min Scan# 56

Delta R.T. 0.00 min

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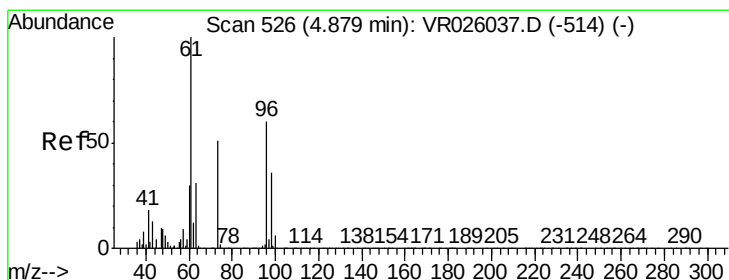
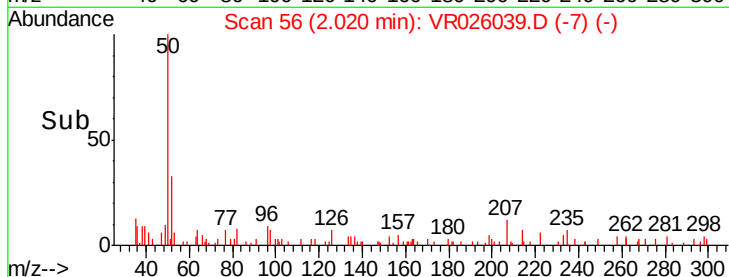
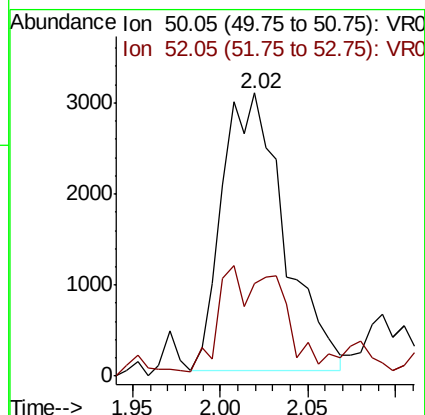
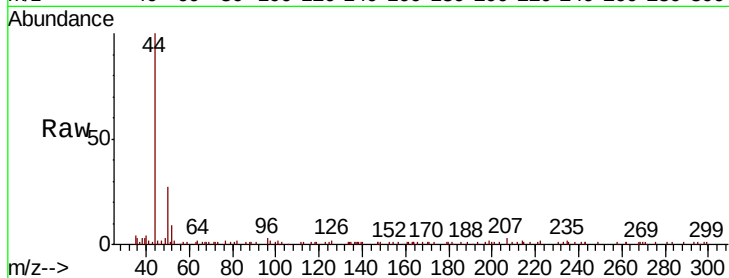
H42A7

Tot Ion: 50 Resp: 7500

Ion Ratio Lower Upper

50 100

52 32.8 22.1 41.1



#18

trans-1,2-Dichloroethene

Concen: 0.229 ug/L

RT: 4.87 min Scan# 525

Delta R.T. -0.01 min

Lab File: VR026039.D

Acq: 11 Oct 2018 11:59

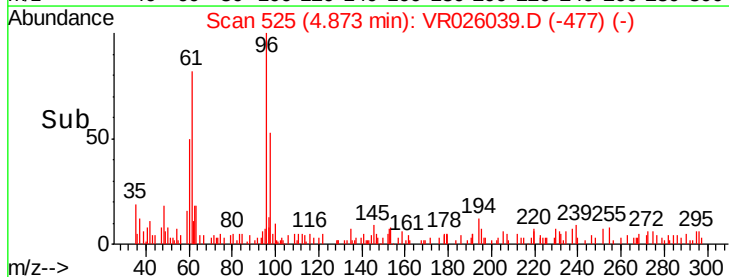
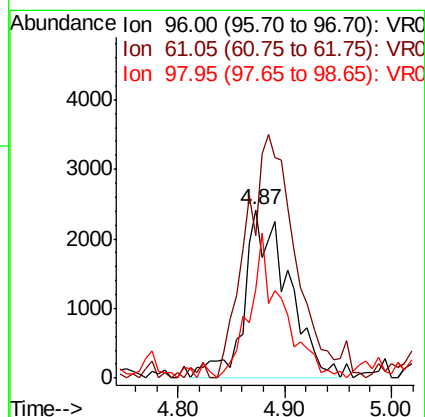
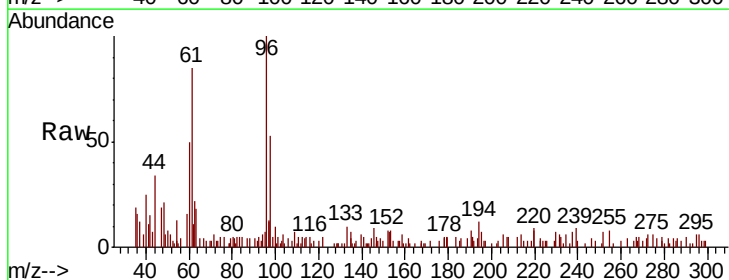
Tgt Ion: 96 Resp: 6957

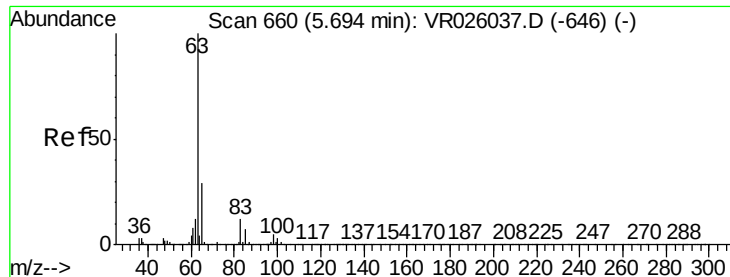
Ion Ratio Lower Upper

96 100

61 84.6 127.4 236.6#

98 52.7 43.8 81.3





#19

1,1-Dichloroethane

Concen: 0.121 ug/L

RT: 5.70 min Scan# 661

Delta R.T. 0.01 min

Lab File: VR026039.D

Acq: 11 Oct 2018 11:59

Instrument :

MSVOA_R

ClientSampleId :

H42A7

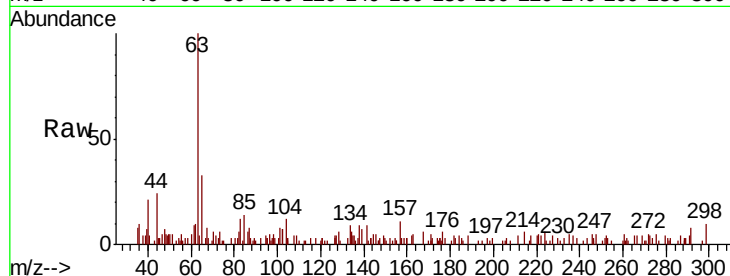
Tot Ion: 63 Resp: 7288

Ion Ratio Lower Upper

63 100

65 32.5 21.1 39.1

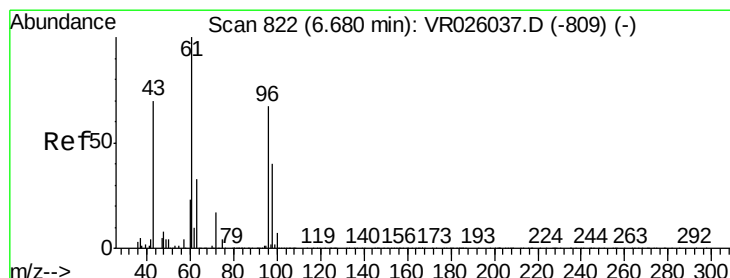
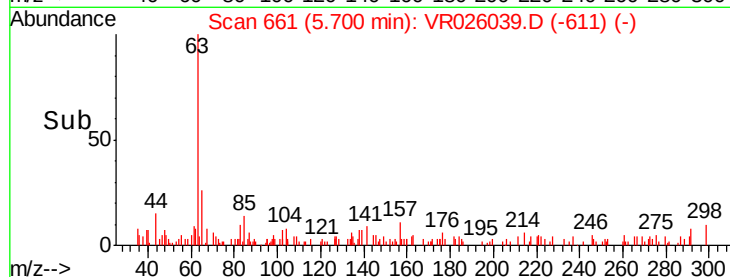
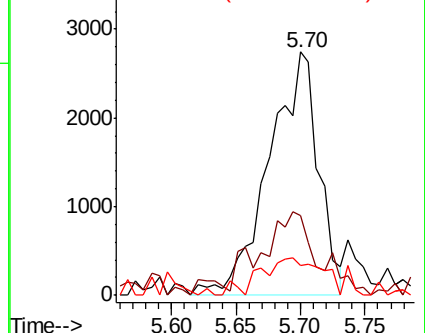
83 12.4 8.9 16.5



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: 11.135 ug/L

RT: 6.68 min Scan# 822

Delta R.T. 0.00 min

Lab File: VR026039.D

Acq: 11 Oct 2018 11:59

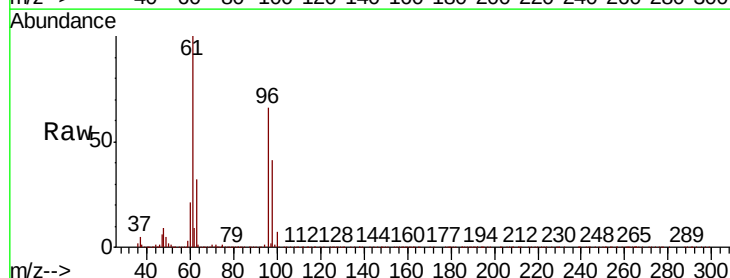
Tgt Ion: 96 Resp: 340286

Ion Ratio Lower Upper

96 100

61 152.3 108.7 201.9

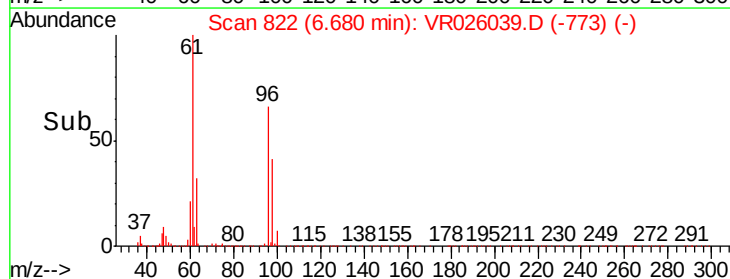
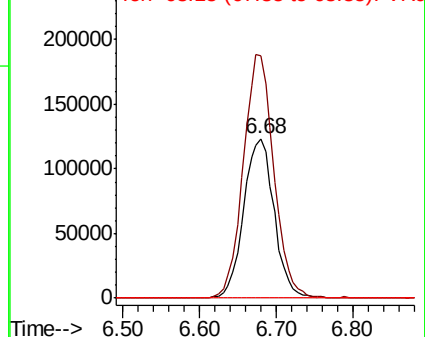
68 0.1 0.1 0.1

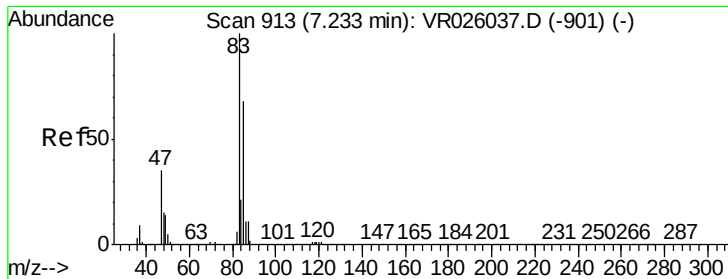


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#25

Chloroform

Concen: 0.152 ug/L

RT: 7.23 min Scan# 913

Delta R.T. 0.00 min

Lab File: VR026039.D

Acq: 11 Oct 2018 11:59

Instrument :

MSVOA_R

ClientSampleId :

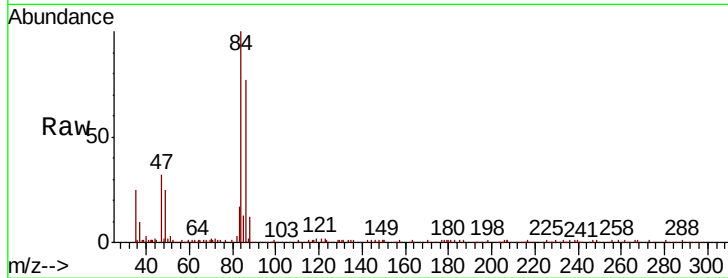
H42A7

Tot Ion: 83 Resp: 8879

Ion Ratio Lower Upper

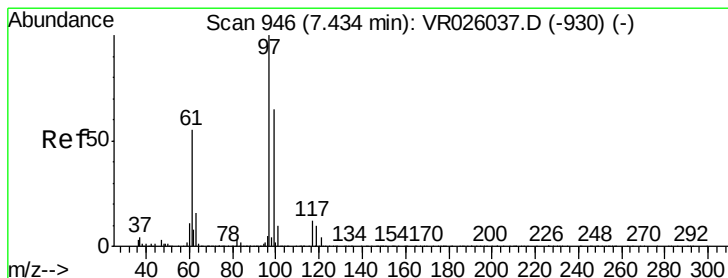
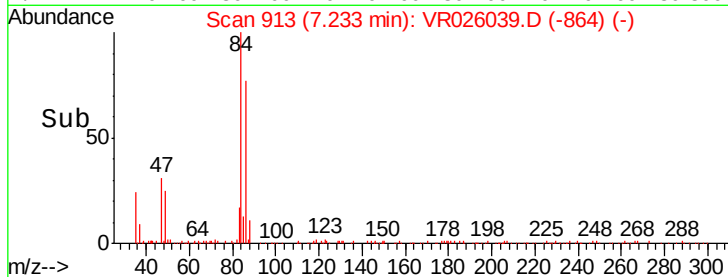
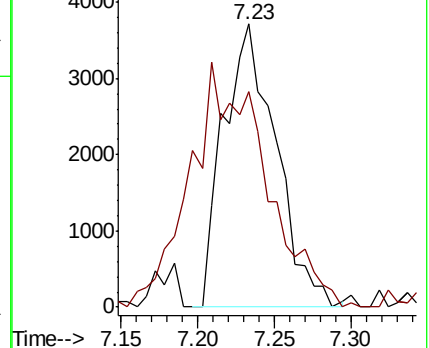
83 100

85 76.2 43.8 81.4



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0



#29

1,1,1-Trichloroethane

Concen: 1.979 ug/L

RT: 7.43 min Scan# 946

Delta R.T. 0.00 min

Lab File: VR026039.D

Acq: 11 Oct 2018 11:59

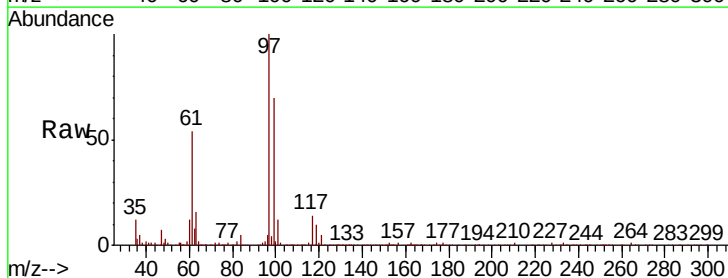
Tgt Ion: 97 Resp: 92536

Ion Ratio Lower Upper

97 100

99 65.5 51.0 76.6

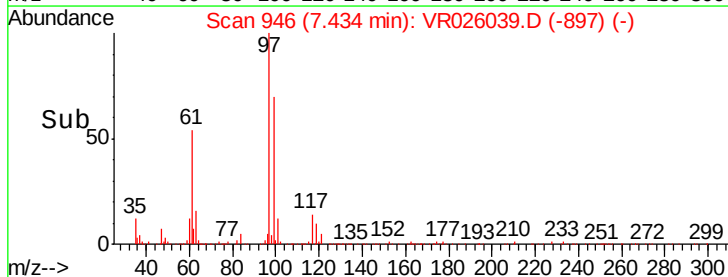
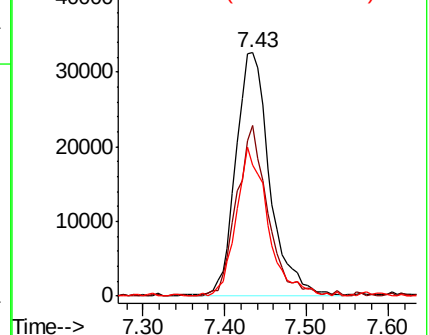
61 57.5 41.6 62.4

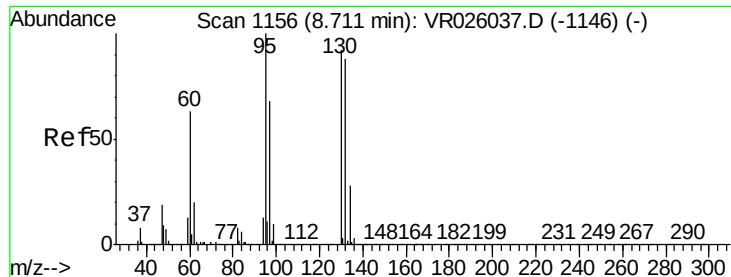


Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0





#34

Trichloroethene

Concen: 37.901 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR026039.D

Acq: 11 Oct 2018 11:59

Instrument :

MSVOA_R

ClientSampleId :

H42A7

Tot Ion: 95 Resp: 1393085

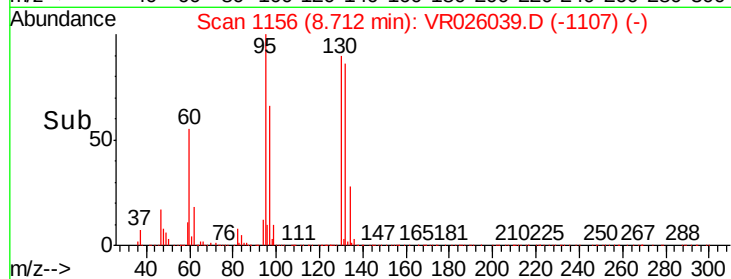
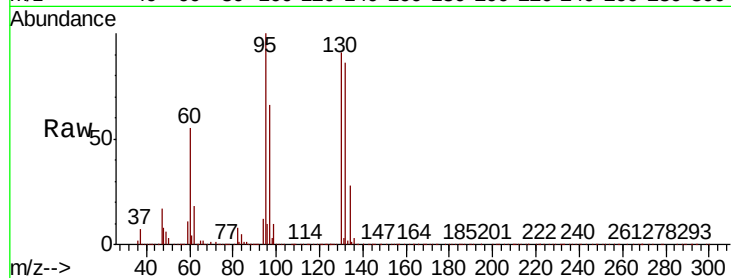
Ion Ratio Lower Upper

95 100

97 65.8 43.9 81.5

132 86.4 53.3 98.9

130 90.5 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

