

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101018\
 Data File : VR026032.D
 Acq On : 10 Oct 2018 16:40
 Operator : SY/MD
 Sample : J5379-07
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 H42A7

Quant Time: Oct 11 04:58:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 11 04:11:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	476808	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	403337	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	136825	5.00	ug/L	0.00

System Monitoring Compounds

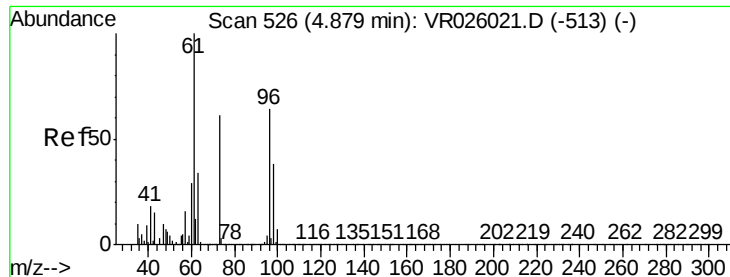
4) Vinyl Chloride-d3	2.16	65	131239	3.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.80%
7) Chloroethane-d5	2.63	69	129321	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	3.64	63	243267	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	6.59	46	197164	47.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.08%
24) Chloroform-d	7.20	84	251047	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.80%
26) 1,2-Dichloroethane-d4	7.90	65	119454	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
32) Benzene-d6	7.85	84	467526	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.60%#
36) 1,2-Dichloropropane-d6	8.90	67	141539	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.20%
41) Toluene-d8	9.97	98	407624	3.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.60%#
43) trans-1,3-Dichloropropene-	10.24	79	31186	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	10.59	63	153759	49.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.20%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62114	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	86928	3.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.40%#

Target Compounds

					Ovalue
18) trans-1,2-Dichloroethene	4.89	96	7128	0.239 ug/L	99
19) 1,1-Dichloroethane	5.69	63	6654	0.113 ug/L #	94
22) cis-1,2-Dichloroethene	6.68	96	327937	10.948 ug/L #	99
25) Chloroform	7.23	83	8986	0.157 ug/L	82
29) 1,1,1-Trichloroethane	7.43	97	87313	1.925 ug/L	96
34) Trichloroethene	8.71	95	1376275	38.610 ug/L	89

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

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#18

trans-1,2-Dichloroethene

Concen: 0.239 ug/L

RT: 4.89 min Scan# 528

Delta R.T. 0.01 min

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Instrument :

MSVOA_R

ClientSampled :

H42A7

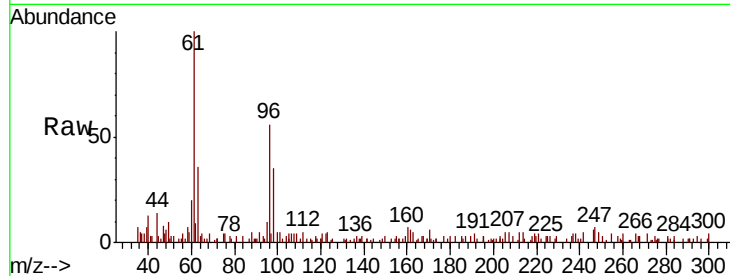
Tot Ion: 96 Resp: 7128

Ion Ratio Lower Upper

96 100

61 179.7 127.4 236.6

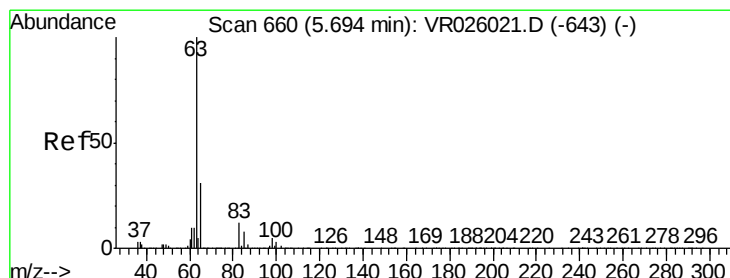
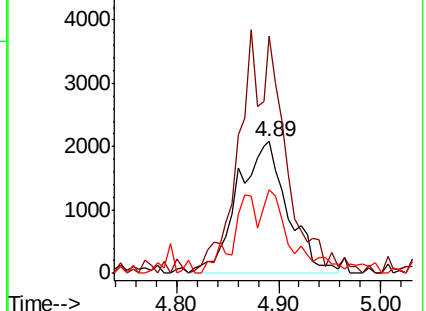
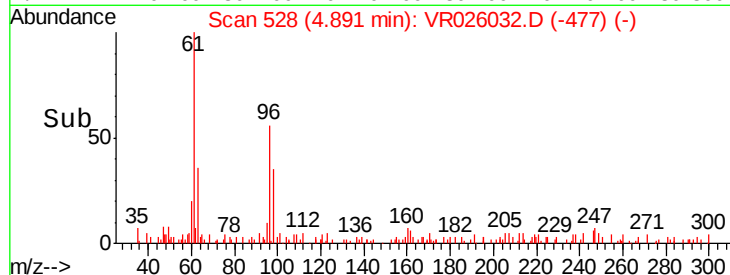
98 63.1 43.8 81.3



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



#19

1,1-Dichloroethane

Concen: 0.113 ug/L

RT: 5.69 min Scan# 660

Delta R.T. -0.00 min

Lab File: VR026032.D

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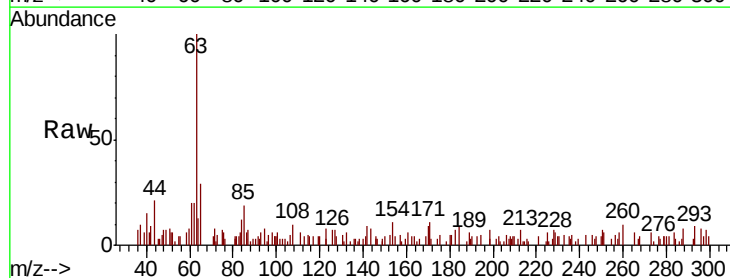
Tgt Ion: 63 Resp: 6654

Ion Ratio Lower Upper

63 100

65 28.6 21.1 39.1

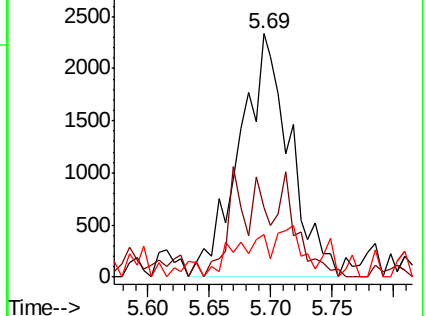
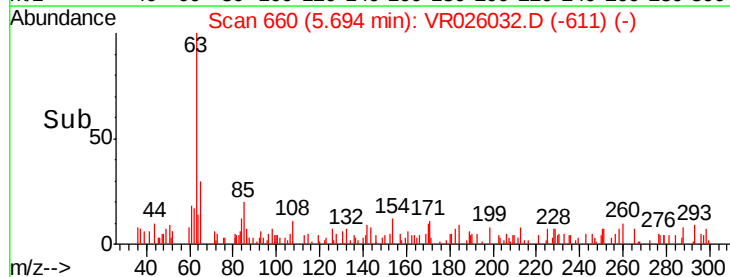
83 17.6 8.9 16.5#

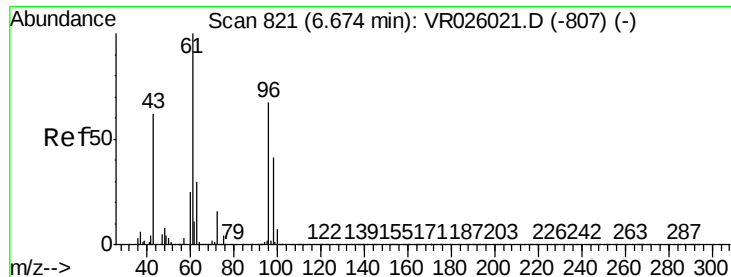


Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0



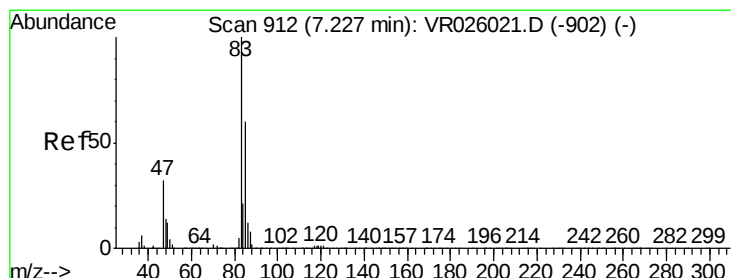
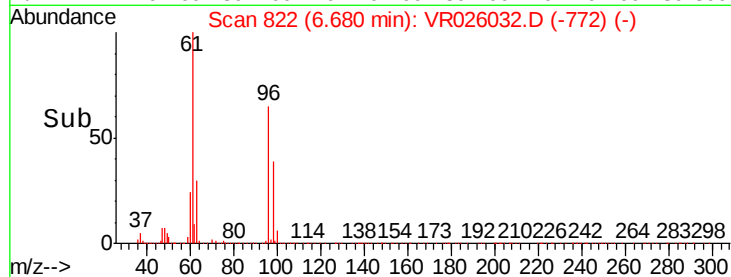
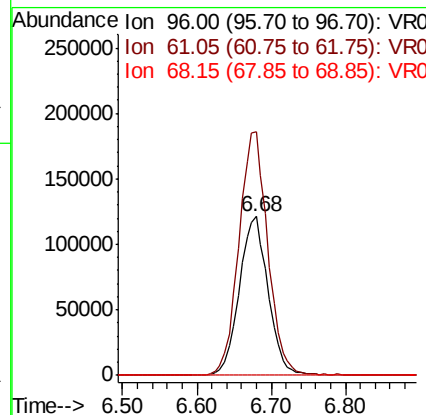
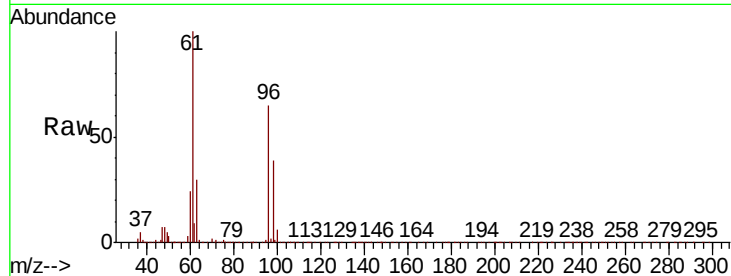


#22

cis-1,2-Dichloroethene
 Concen: 10.948 ug/L
 RT: 6.68 min Scan# 822
 Delta R.T. 0.01 min
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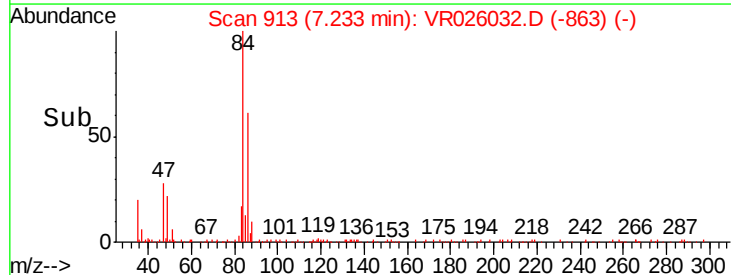
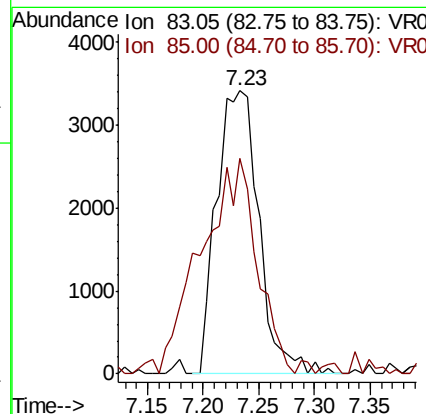
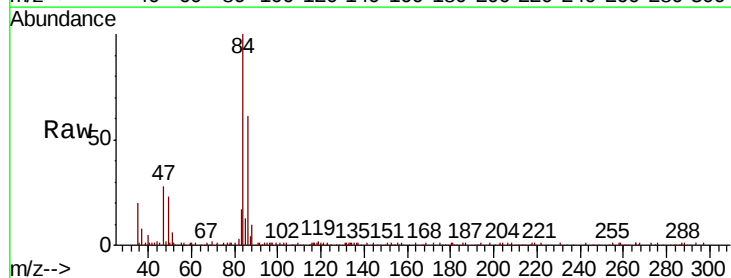
Tot Ion	96	Resp	327937
Ion Ratio	Lower	Upper	
96	100		
61	153.6	108.7	201.9
68	0.0	0.1	0.1#

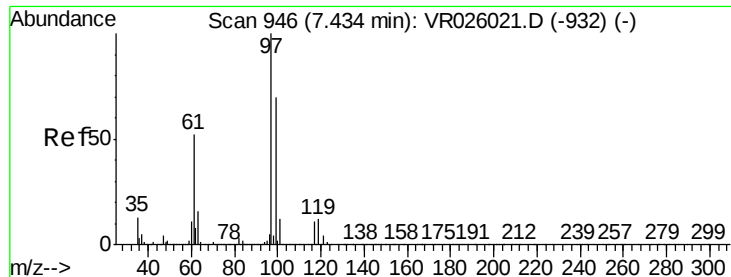


#25

Chloroform
 Concen: 0.157 ug/L
 RT: 7.23 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VR026032.D
 Acq: 10 Oct 2018 16:40

Tgt Ion	83	Resp	8986
Ion Ratio	Lower	Upper	
83	100		
85	76.2	43.8	81.4

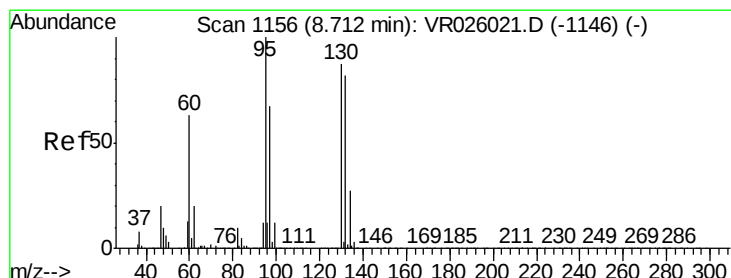
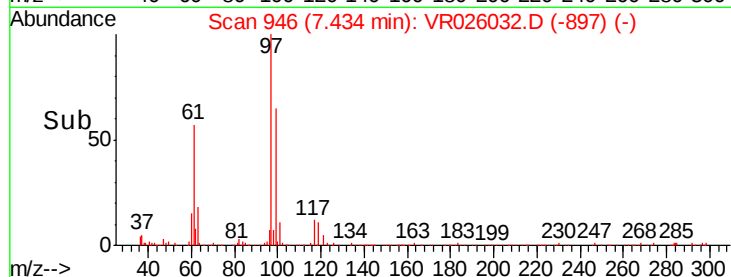
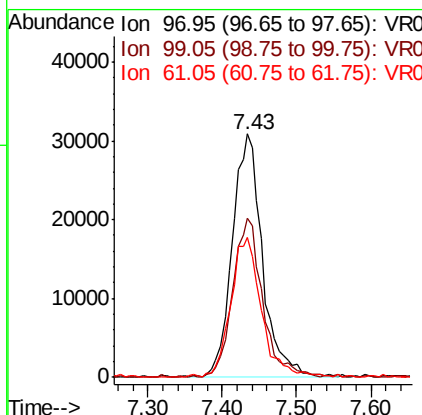
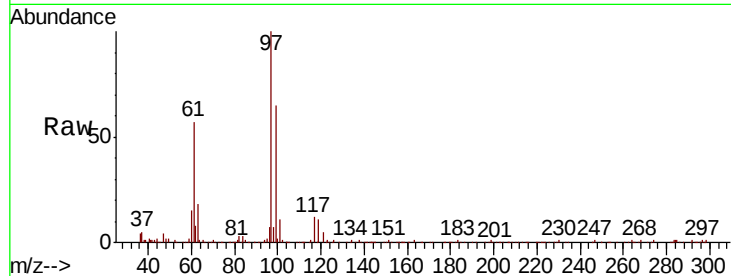




#29
1,1,1-Trichloroethane
Concen: 1.925 ug/L
RT: 7.43 min Scan# 946
Delta R.T. -0.00 min
Lab File: VR026032.D
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Tot Ion: 97 Resp: 87313
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 57.0 41.6 62.4



#34
Trichloroethene
Concen: 38.610 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VR026032.D
Acq: 10 Oct 2018 16:40

Tgt Ion: 95 Resp: 1376275
Ion Ratio Lower Upper
95 100
97 65.5 43.9 81.5
132 85.5 53.3 98.9
130 91.4 53.8 99.8

