

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR110518\
 Data File : VR026177.D
 Acq On : 5 Nov 2018 13:36
 Operator : SY/MD
 Sample : J5802-11
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0BD7

Quant Time: Nov 06 03:36:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 06 03:06:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	540595	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	452019	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	136127	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	229839	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	2.62	69	204141	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	3.60	63	464305	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	6.58	46	193683	49.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.72%
24) Chloroform-d	7.20	84	384927	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	7.89	65	162320	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	7.85	84	773543	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	8.89	67	206701	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	9.97	98	733208	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
43) trans-1,3-Dichloropropene-	10.23	79	46533	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	10.59	63	158452	55.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	76183	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	131388	6.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.20%#

Target Compounds

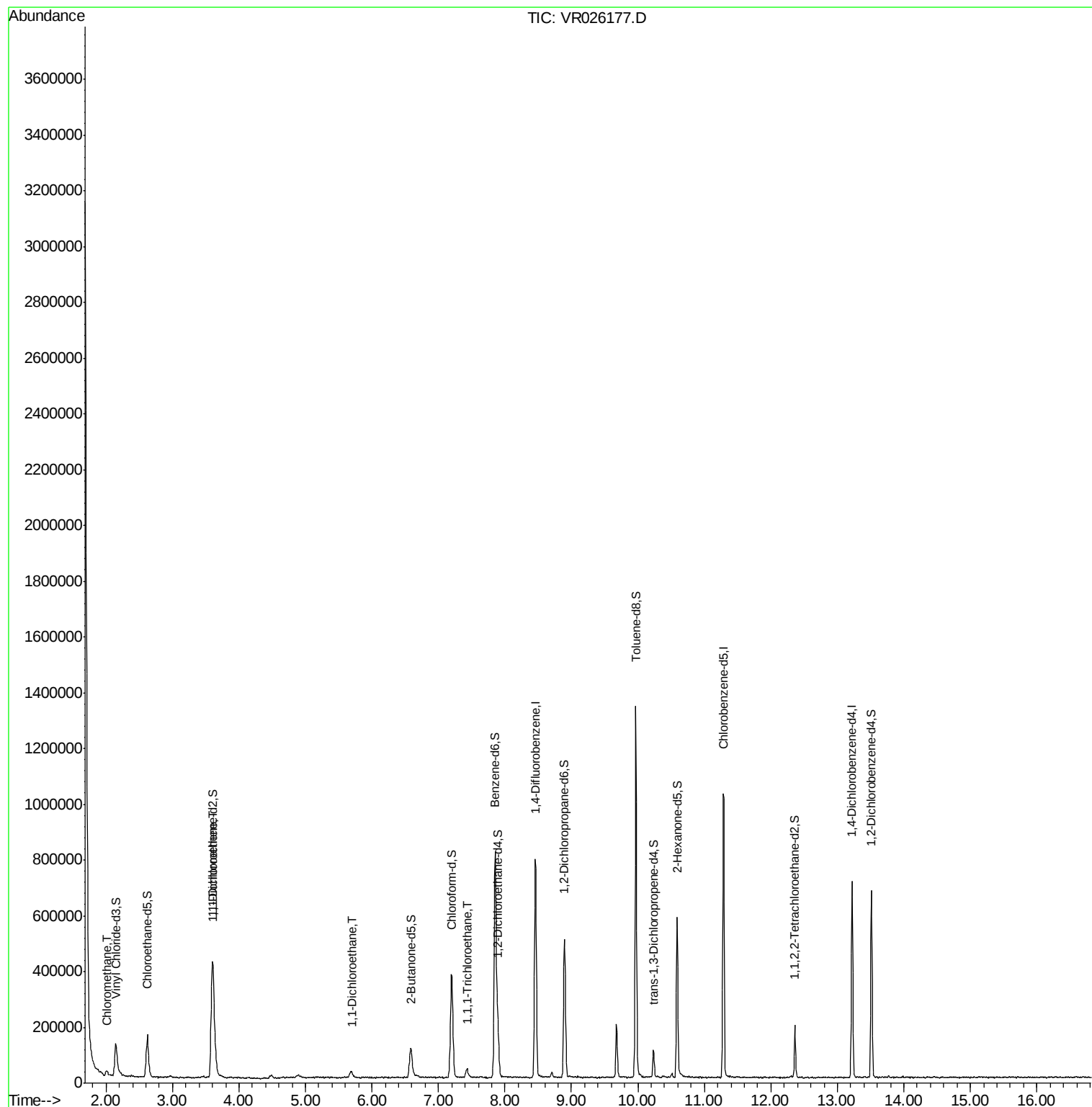
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.01	50	26096	0.453	ug/L #	79
12) 1,1-Dichloroethene	3.61	96	44306	0.843	ug/L #	1
19) 1,1-Dichloroethane	5.69	63	30747	0.412	ug/L	96
29) 1,1,1-Trichloroethane	7.43	97	25140	0.407	ug/L	95

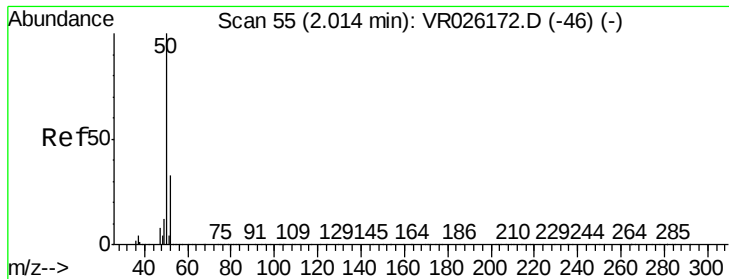
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.453 ug/L

RT: 2.01 min Scan# 54

Delta R.T. -0.01 min

Lab File: VR026177.D

Acq: 5 Nov 2018 13:36

Instrument :

MSVOA_R

ClientSampleId :

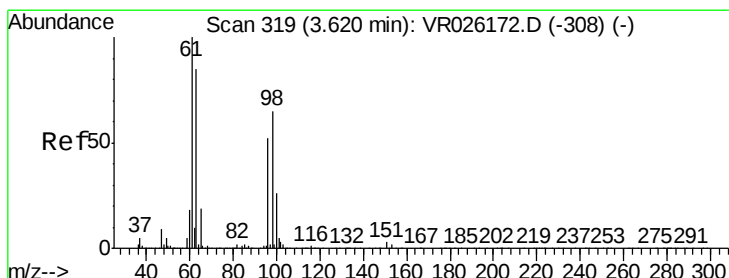
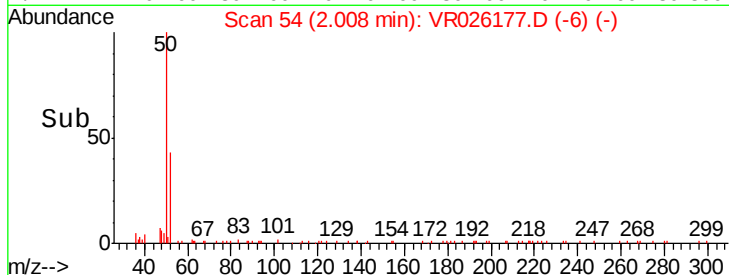
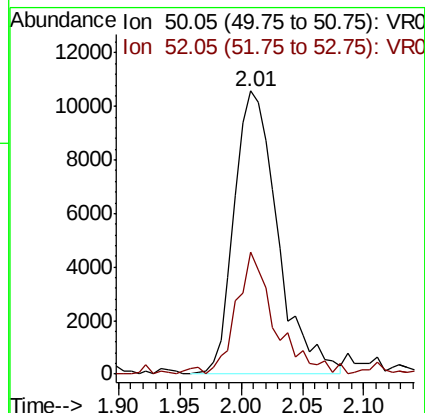
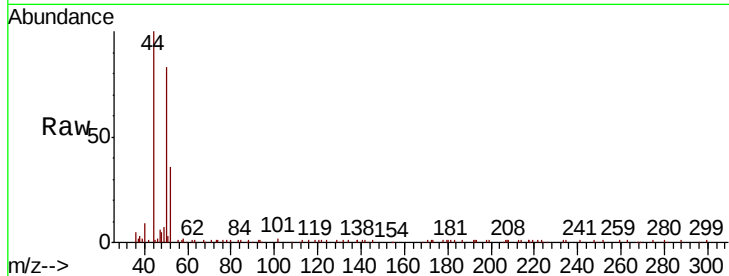
C0BD7

Tot Ion: 50 Resp: 26096

Ion Ratio Lower Upper

50 100

52 43.1 22.0 40.8#



#12

1,1-Dichloroethene

Concen: 0.843 ug/L

RT: 3.61 min Scan# 318

Delta R.T. -0.01 min

Lab File: VR026177.D

Acq: 5 Nov 2018 13:36

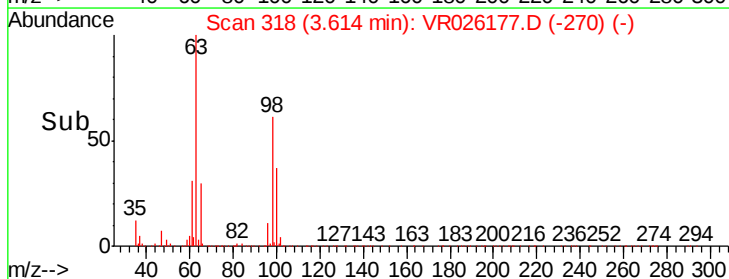
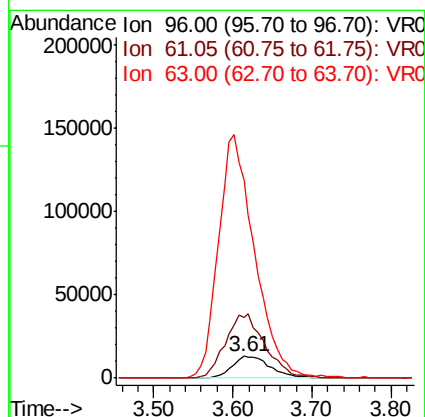
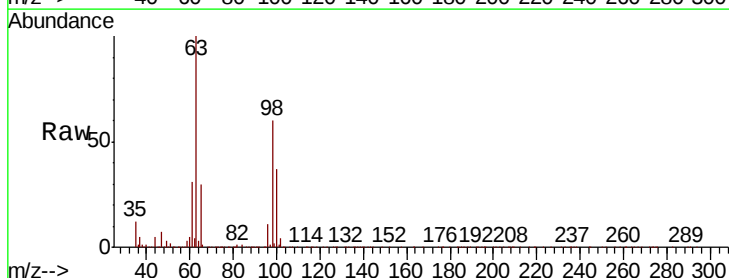
Tgt Ion: 96 Resp: 44306

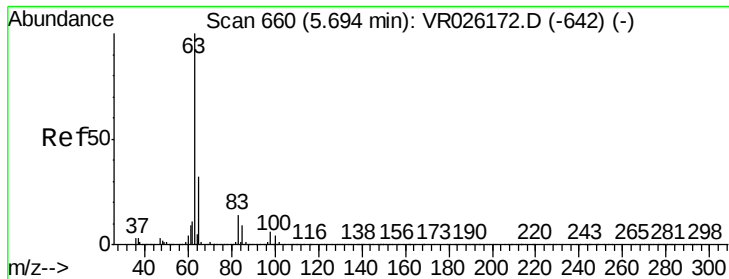
Ion Ratio Lower Upper

96 100

61 277.2 126.7 235.3#

63 902.9 125.0 232.2#

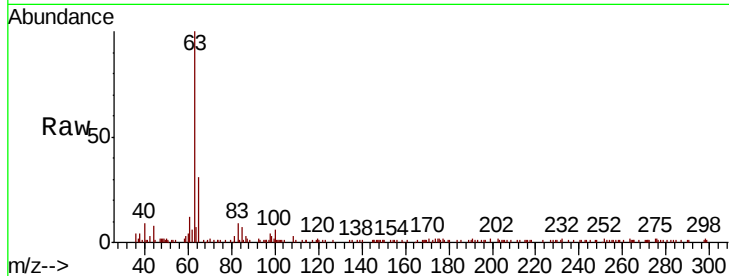




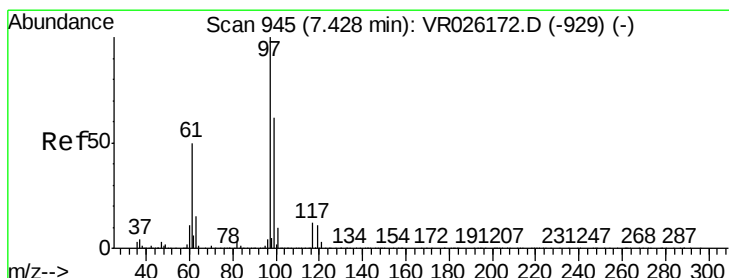
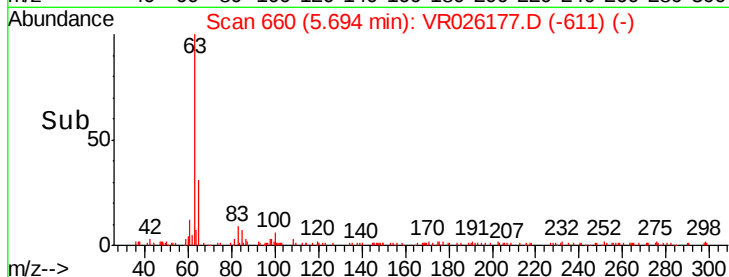
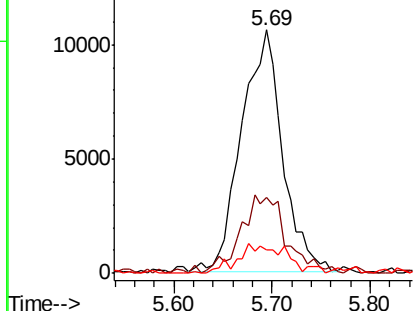
#19
 1,1-Dichloroethane
 Concen: 0.412 ug/L
 RT: 5.69 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VR026177.D
 Acq: 5 Nov 2018 13:36

Instrument :
 MSVOA_R
 ClientSampled :
 C0BD7

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.2	39.4
83	9.7	9.2	17.2

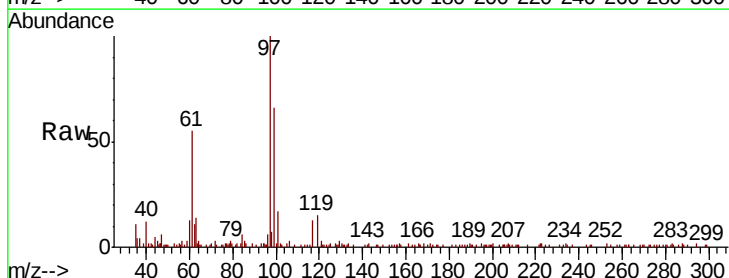


Abundance Ion 63.10 (62.80 to 63.80): VR0
 Ion 65.10 (64.80 to 65.80): VR0
 Ion 83.05 (82.75 to 83.75): VR0



#29
 1,1,1-Trichloroethane
 Concen: 0.407 ug/L
 RT: 7.43 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VR026177.D
 Acq: 5 Nov 2018 13:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.4	51.1	76.7
61	55.8	42.1	63.1



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

