

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007076.D
 Acq On : 20 Aug 2018 16:35
 Operator : SY/MD
 Sample : J4488-12
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0307

Quant Time: Aug 21 05:15:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 04:05:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	234299	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226873	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87360	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79626	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	72561	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.14	63	1067501	37.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	752.20%#
20) 2-Butanone-d5	3.97	46	219679	50.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.02%
24) Chloroform-d	4.41	84	174100	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
26) 1,2-Dichloroethane-d4	5.09	65	86385	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.11	84	336450	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
36) 1,2-Dichloropropane-d6	6.12	67	110596	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.37	98	240503	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.67	79	22172	3.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.00%
46) 2-Hexanone-d5	8.15	63	76568	27.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	54.02%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78843	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	88530	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

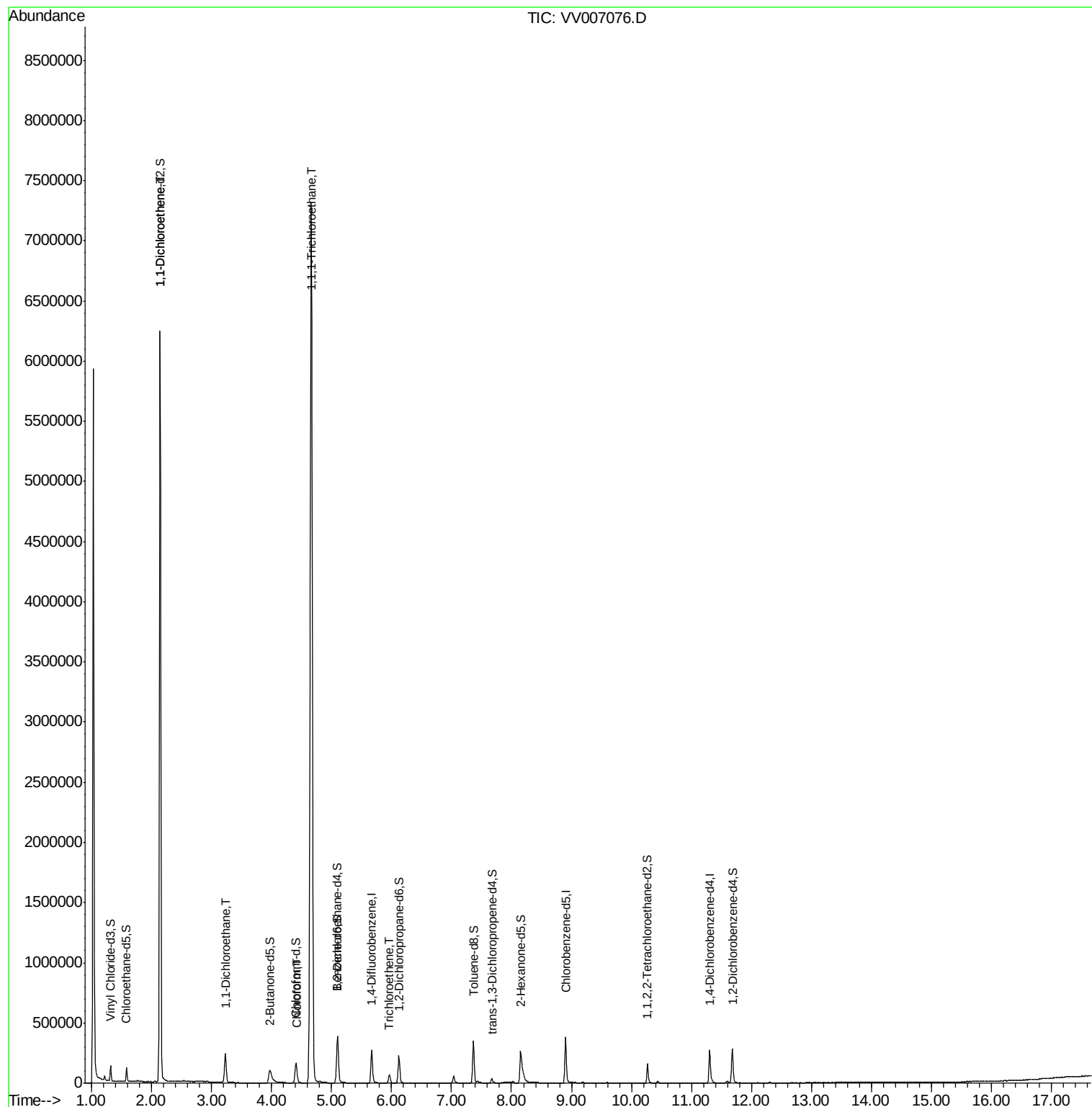
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	1944537	115.58	ug/L	# 69
19) 1,1-Dichloroethane	3.23	63	244222	7.51	ug/L	97
25) Chloroform	4.44	83	9106	0.26	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	5841265	193.09	ug/L	98
34) Trichloroethene	5.96	95	25380	1.35	ug/L	96

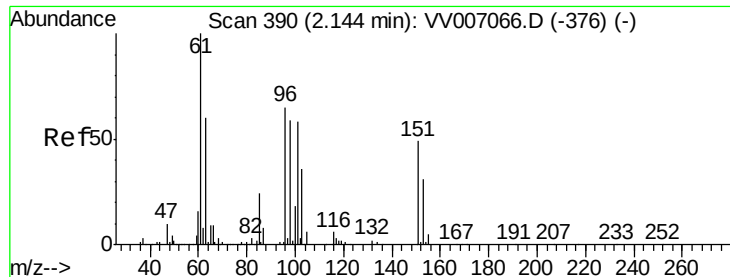
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 115.58 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV007076.D

Acq: 20 Aug 2018 16:35

Instrument :

MSVOA_V

ClientSampled :

C0307

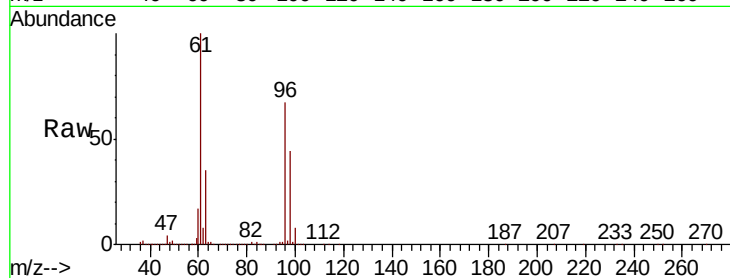
Tot Ion: 96 Resp: 1944537

Ion Ratio Lower Upper

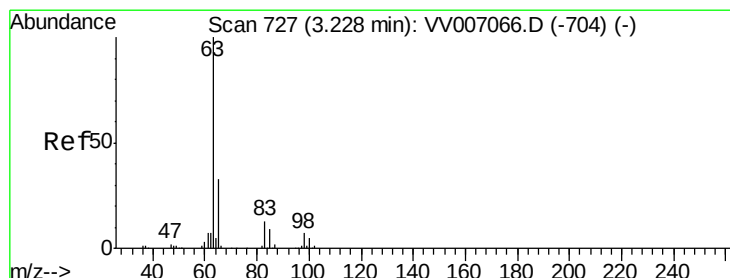
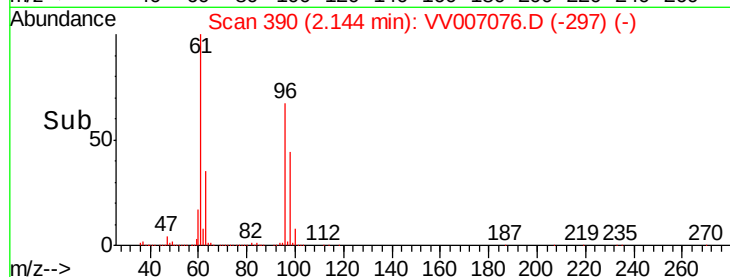
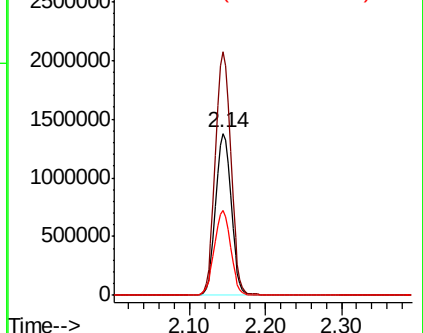
96 100

61 150.1 111.6 207.4

63 52.1 84.9 157.7#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 63.00 (62.70 to 63.70): VV0



#19

1,1-Dichloroethane

Concen: 7.51 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007076.D

Acq: 20 Aug 2018 16:35

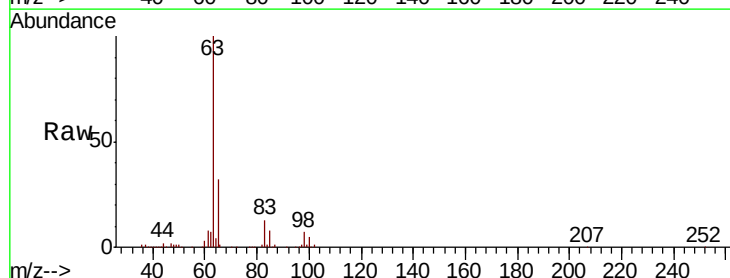
Tgt Ion: 63 Resp: 244222

Ion Ratio Lower Upper

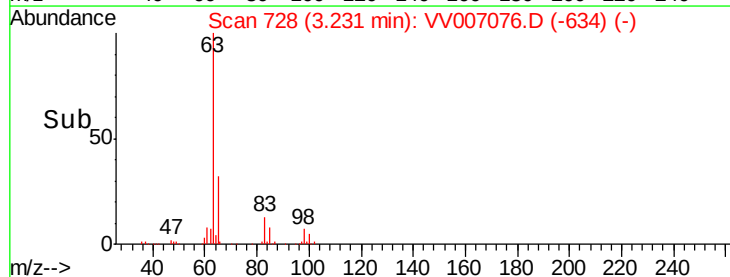
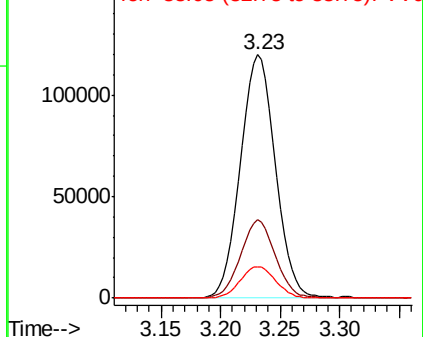
63 100

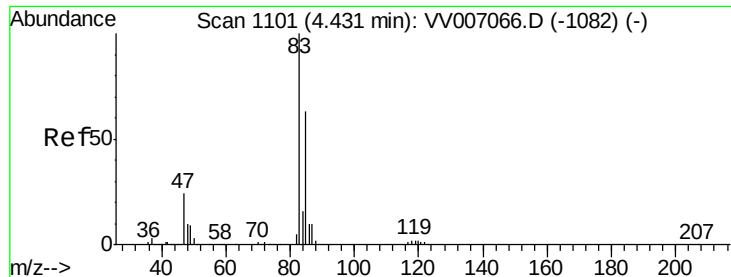
65 32.3 21.7 40.3

83 12.9 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0

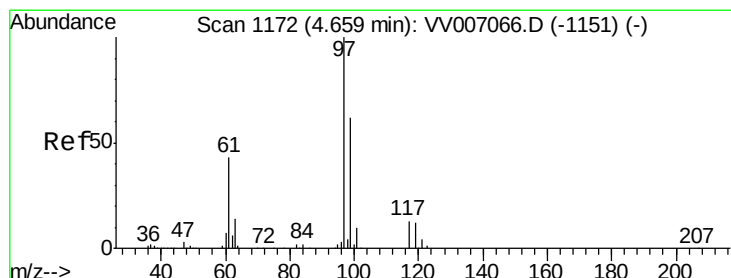
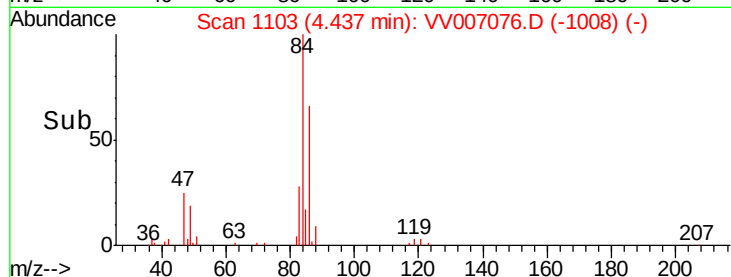
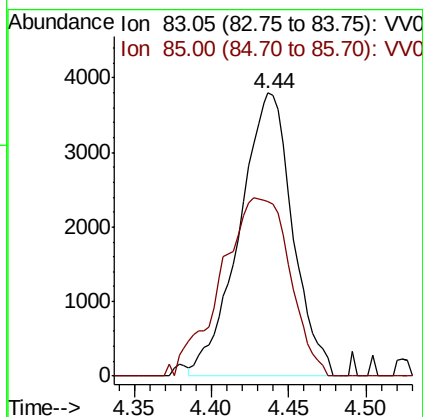
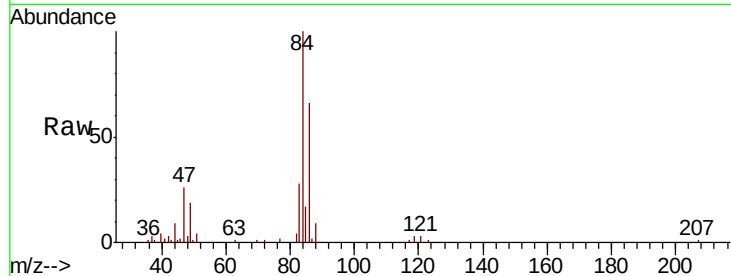




#25
Chloroform
Concen: 0.26 ug/L
RT: 4.44 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VV007076.D
Acq: 20 Aug 2018 16:35

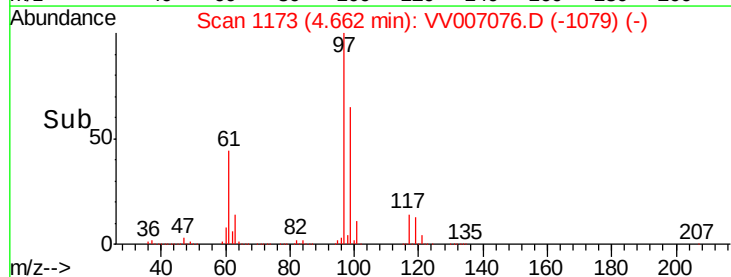
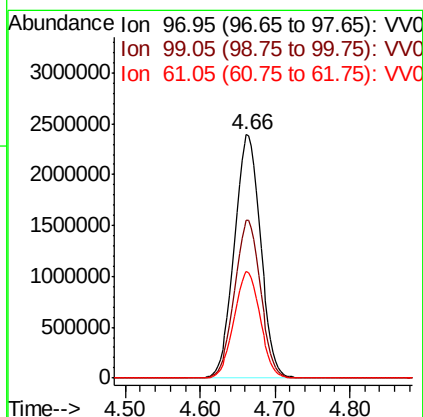
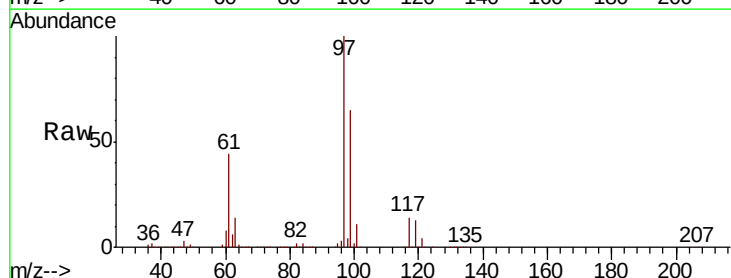
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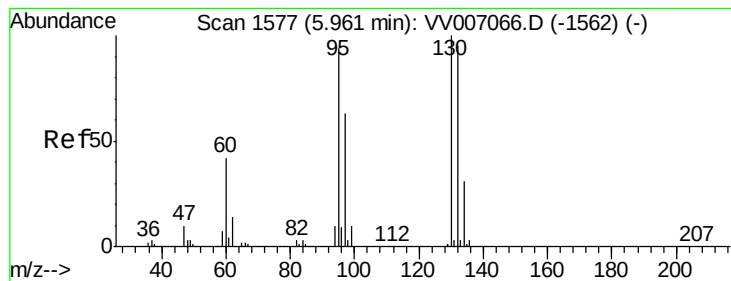
Tot Ion: 83 Resp: 9106
Ion Ratio Lower Upper
83 100
85 61.8 44.7 82.9



#29
1,1,1-Trichloroethane
Concen: 193.09 ug/L
RT: 4.66 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VV007076.D
Acq: 20 Aug 2018 16:35

Tgt Ion: 97 Resp: 5841265
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.6
61 43.8 36.6 54.8





#34
 Trichloroethene
 Concen: 1.35 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV007076.D
 Acq: 20 Aug 2018 16:35

Instrument :
 MSVOA_V
 ClientSampleId :
 C0307

Tot Ion:	95	Resp:	25380
Ion	Ratio	Lower	Upper
95	100		
97	58.0	44.8	83.2
132	87.8	65.5	121.6
130	94.7	66.4	123.4

