

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007081.D
 Acq On : 20 Aug 2018 19:33
 Operator : SY/MD
 Sample : J4488-15
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0320

Quant Time: Aug 21 08:55:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 05:25:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	236668	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226853	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86495	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80295	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	72112	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.14	63	1957602	68.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	1365.60%#
20) 2-Butanone-d5	3.97	46	210778	47.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.96%
24) Chloroform-d	4.41	84	172111	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
26) 1,2-Dichloroethane-d4	5.09	65	87240	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.10	84	334108	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
36) 1,2-Dichloropropane-d6	6.12	67	109926	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.37	98	242054	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.67	79	22376	3.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.60%
46) 2-Hexanone-d5	8.15	63	77942	27.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	55.00%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	77401	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	84533	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

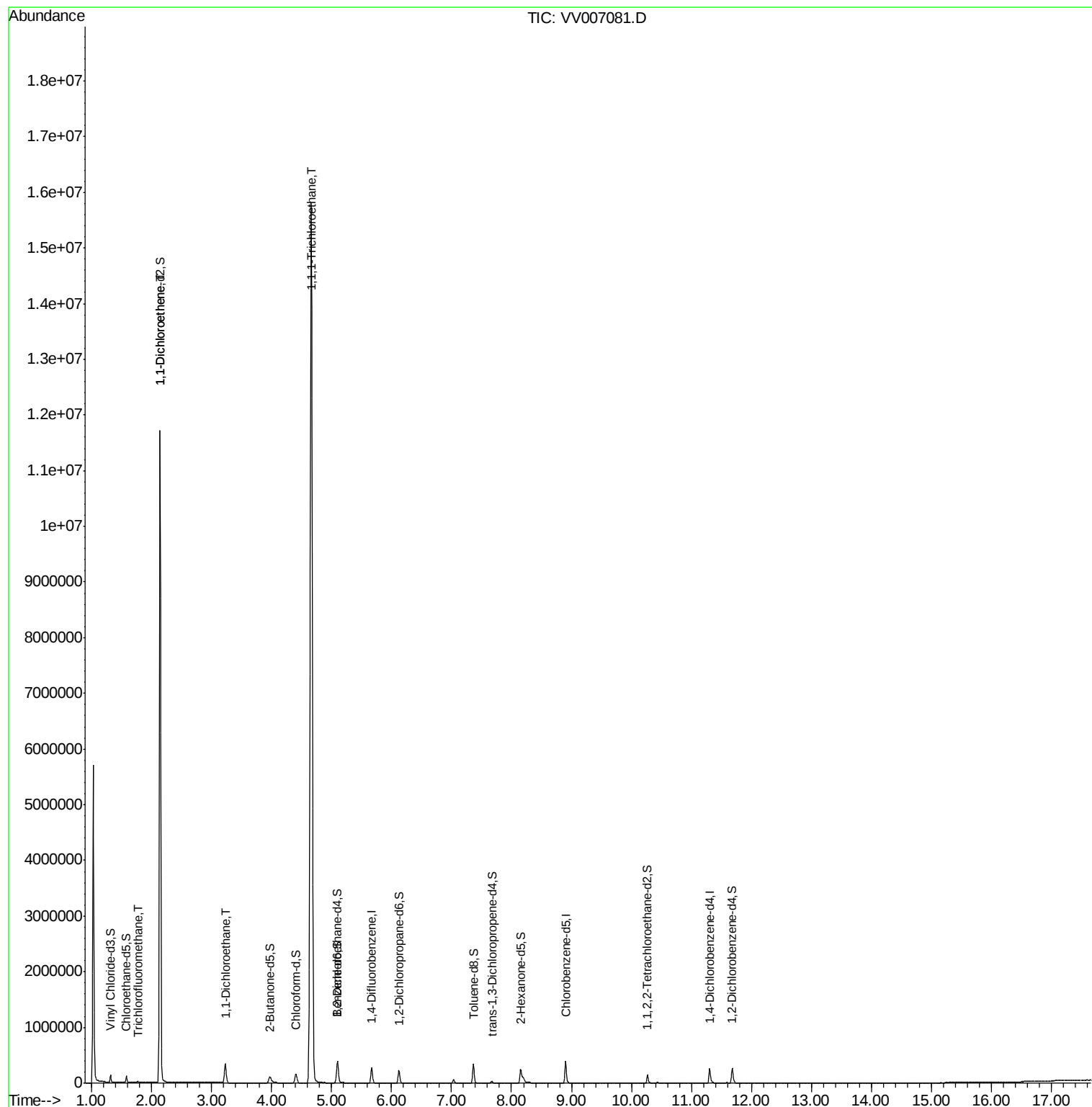
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.77	101	9421	0.32	ug/L	99
12) 1,1-Dichloroethene	2.14	96	3703253	217.90	ug/L	# 68
19) 1,1-Dichloroethane	3.23	63	361321	11.00	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	12652377	418.28	ug/L	98

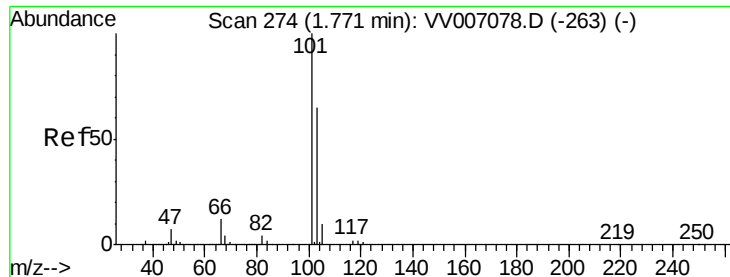
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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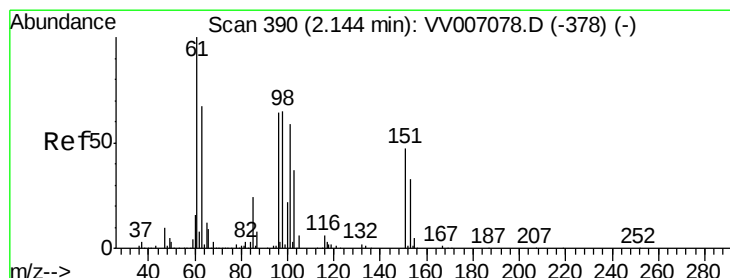
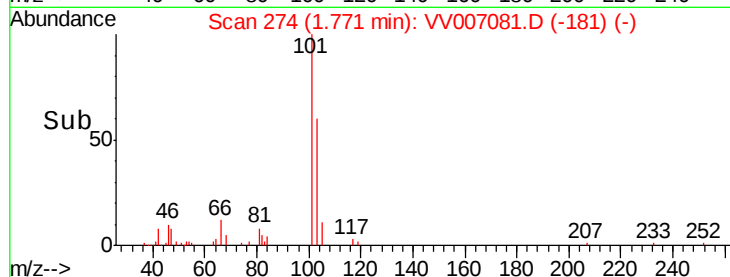
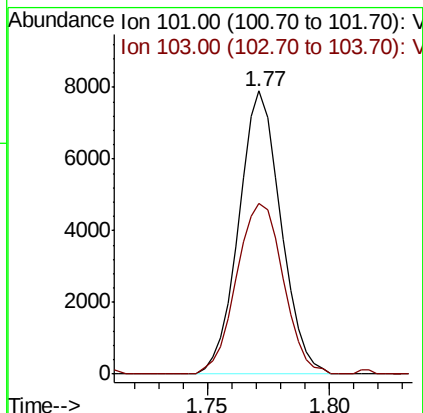
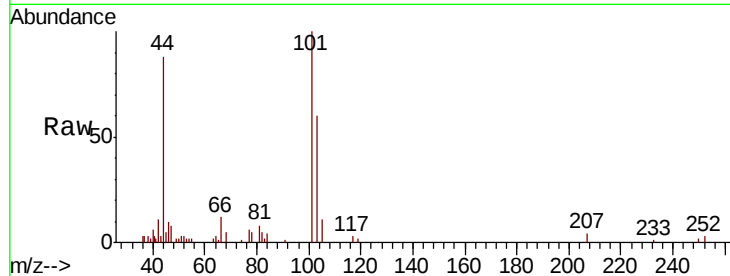


#9

Trichlorofluoromethane
Concen: 0.32 ug/L
RT: 1.77 min Scan# 274
Delta R.T. -0.00 min
Lab File: VV007081.D
Acq: 20 Aug 2018 19:33

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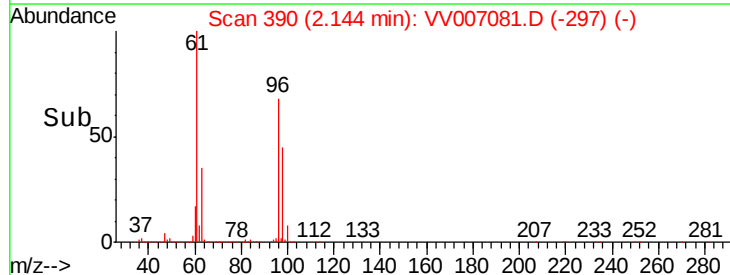
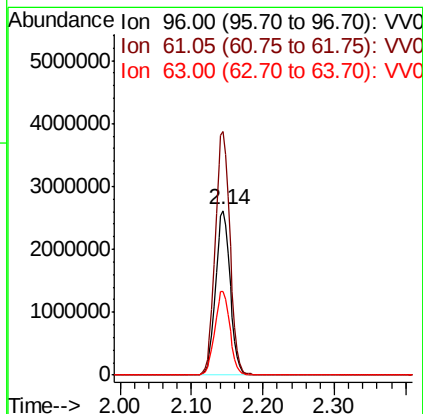
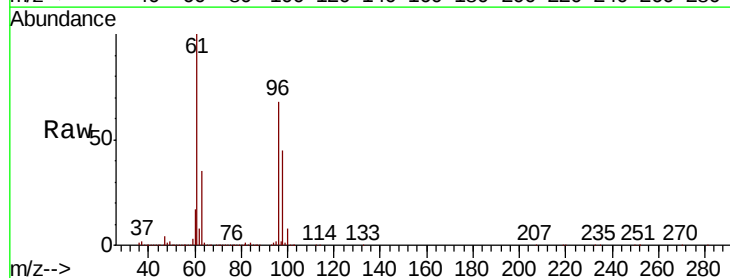
Tot Ion:101 Resp: 9421
Ion Ratio Lower Upper
101 100
103 67.0 52.7 79.1

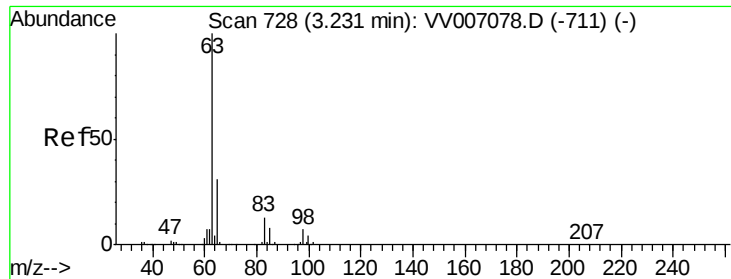


#12

1,1-Dichloroethene
Concen: 217.90 ug/L
RT: 2.14 min Scan# 390
Delta R.T. -0.00 min
Lab File: VV007081.D
Acq: 20 Aug 2018 19:33

Tgt Ion: 96 Resp: 3703253
Ion Ratio Lower Upper
96 100
61 148.1 111.6 207.4
63 51.1 84.9 157.7#

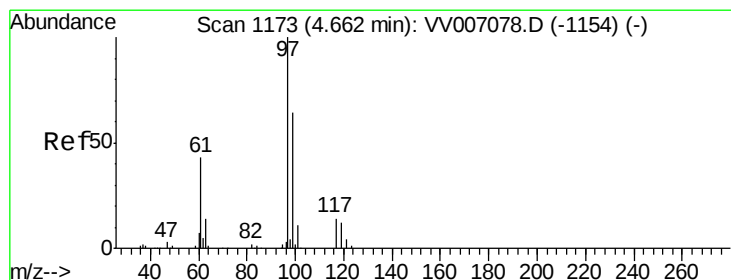
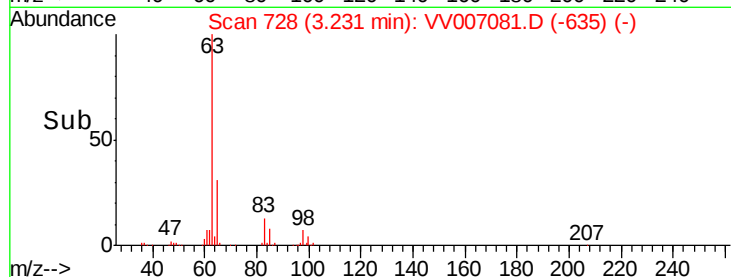
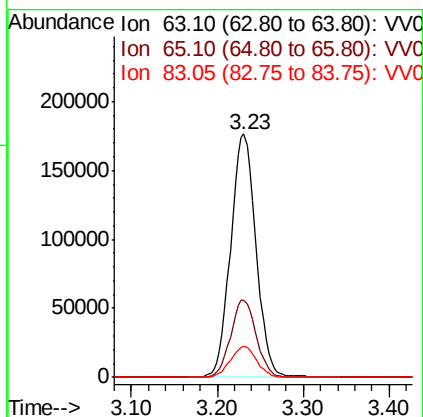
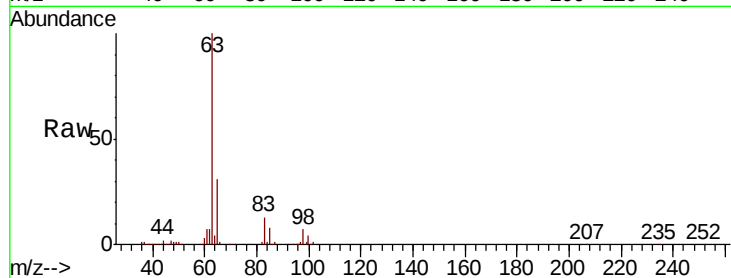




#19
 1,1-Dichloroethane
 Concen: 11.00 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VV007081.D
 Acq: 20 Aug 2018 19:33

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Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	21.7	40.3
83	12.6	10.0	18.6



#29
 1,1,1-Trichloroethane
 Concen: 418.28 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007081.D
 Acq: 20 Aug 2018 19:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.0	76.6
61	44.4	36.6	54.8

