

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090619\
 Data File : VV012617.D
 Acq On : 06 Sep 2019 23:58
 Operator : SY/MD
 Sample : K4685-09DL 10X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD78DL

Quant Time: Sep 07 03:57:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 07 01:06:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	149295	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150566	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	52648	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62094	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	64655	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.12	63	105596	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.97	46	174817	64.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.40%
24) Chloroform-d	4.40	84	106070	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.08	65	62265	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.09	84	188534	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.12	67	64238	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.36	98	143149	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.66	79	19764	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.14	63	93346	56.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45240	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	48850	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

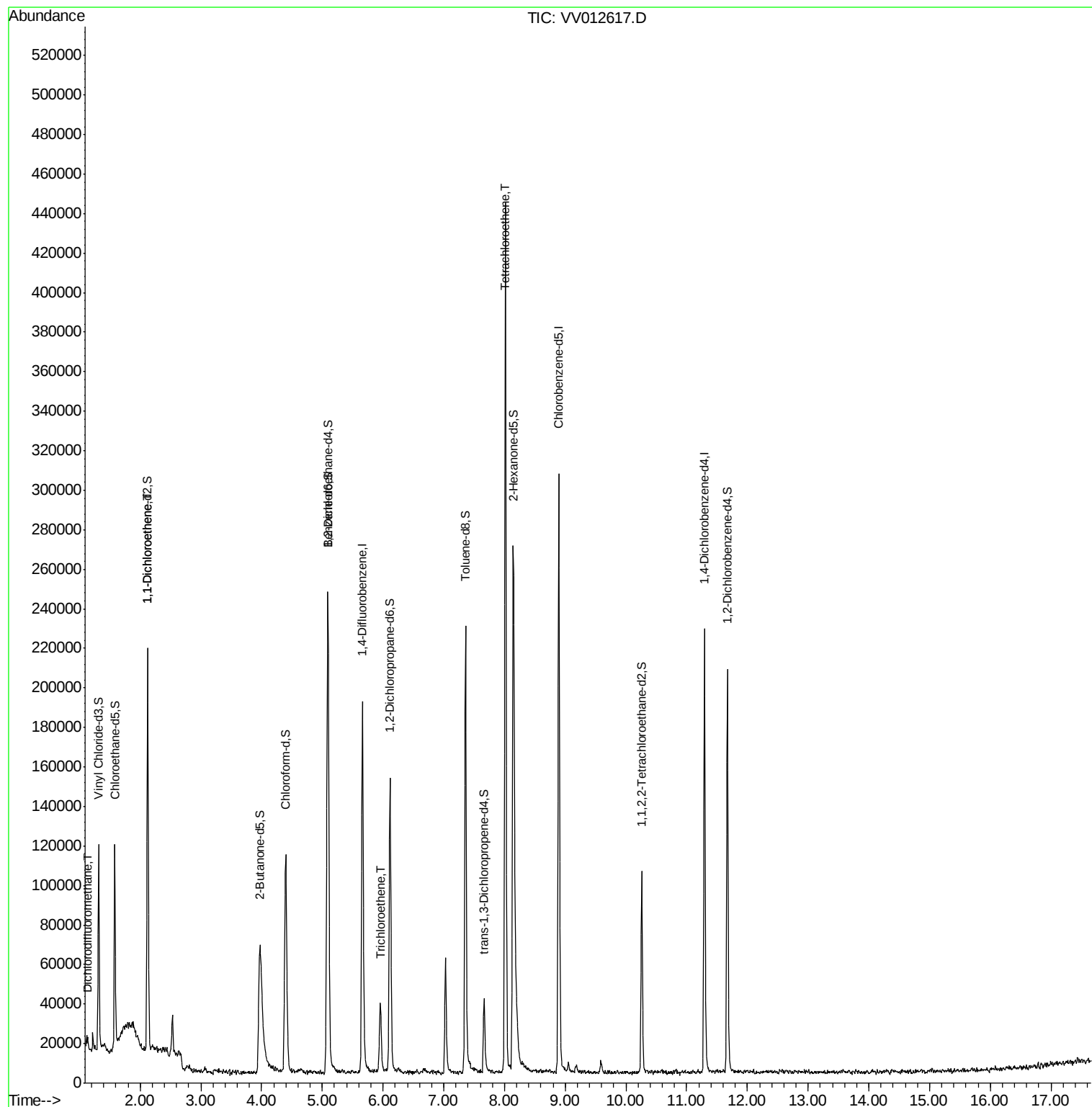
					Ovalue
2) Dichlorodifluoromethane	1.14	85	3777	0.241 ug/L	97
12) 1,1-Dichloroethene	2.13	96	6320	0.355 ug/L #	1
34) Trichloroethene	5.96	95	9766	0.643 ug/L	95
47) Tetrachloroethene	8.02	164	89173	8.056 ug/L	99

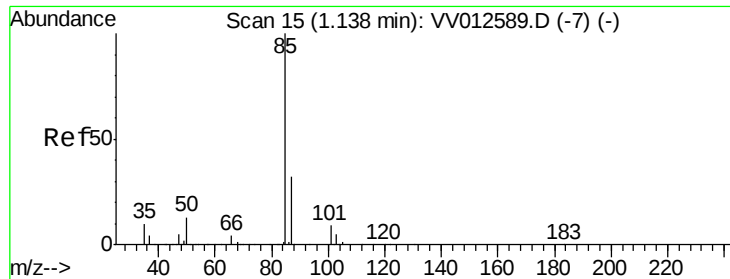
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.241 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

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Acq: 06 Sep 2019 23:58

Instrument :

MSVOA_V

ClientSampleId :

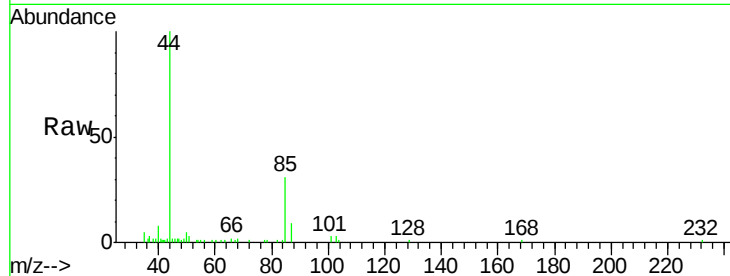
BFD78DL

Tot Ion: 85 Resp: 3777

Ion Ratio Lower Upper

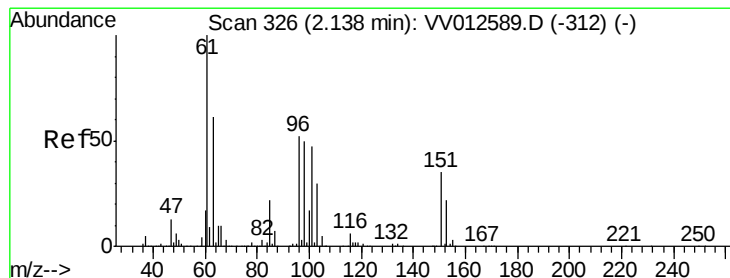
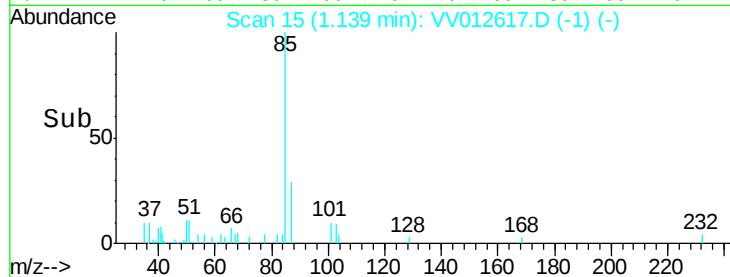
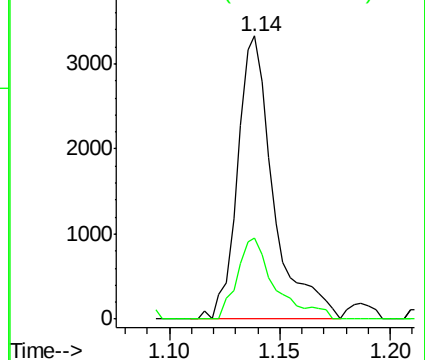
85 100

87 29.9 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#12

1,1-Dichloroethene

Concen: 0.355 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012617.D

Acq: 06 Sep 2019 23:58

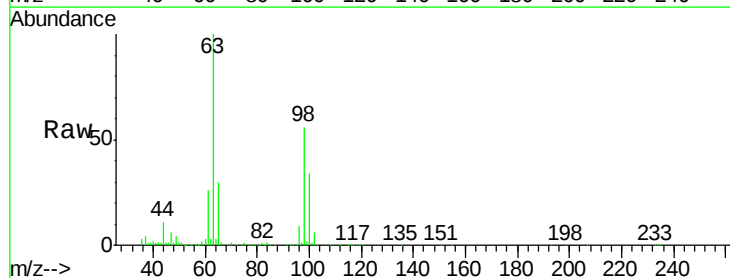
Tgt Ion: 96 Resp: 6320

Ion Ratio Lower Upper

96 100

61 308.3 132.7 246.5#

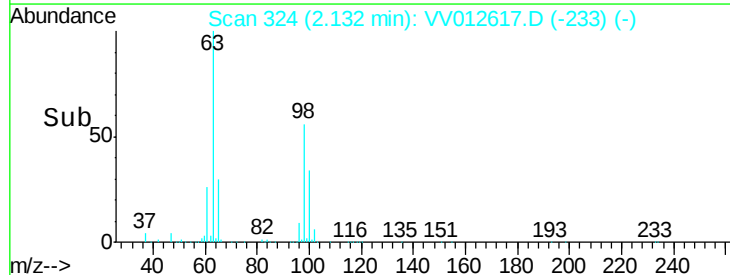
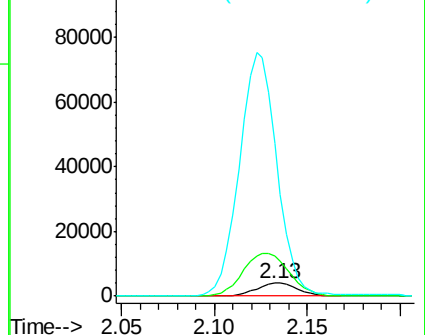
63 1166.6 84.1 156.1#

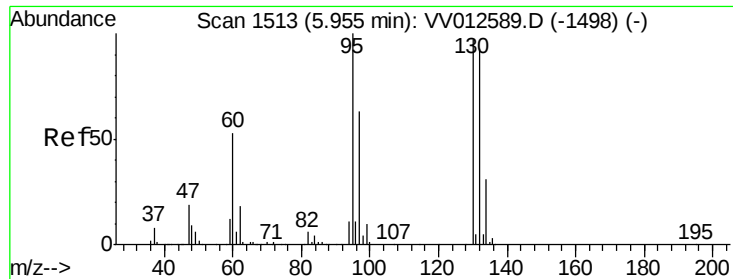


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

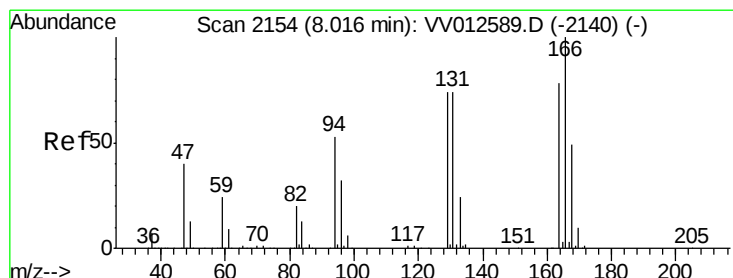
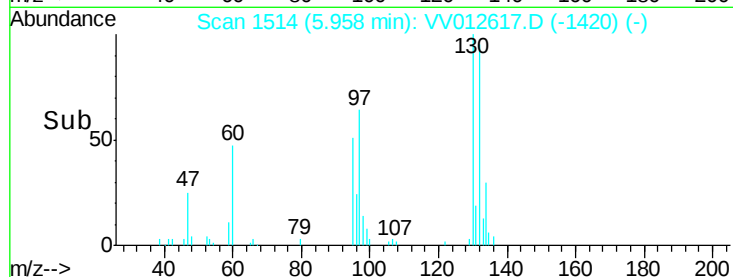
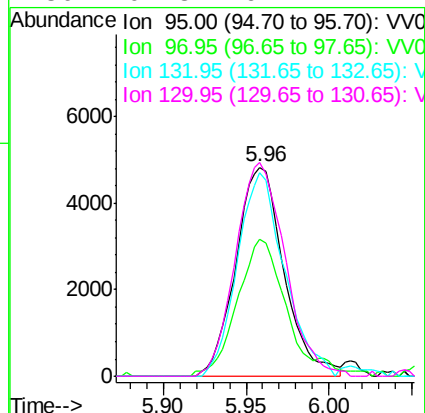
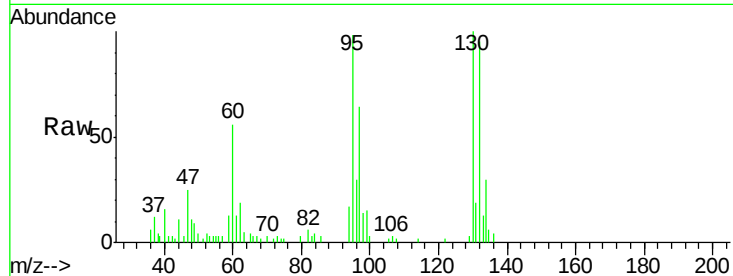




#34
 Trichloroethene
 Concen: 0.643 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
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Tot Ion:	95	Resp:	9766
Ion	Ratio	Lower	Upper
95	100		
97	65.9	43.9	81.5
132	97.3	64.8	120.4
130	102.3	67.1	124.7



#47
 Tetrachloroethene
 Concen: 8.056 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV012617.D
 Acq: 06 Sep 2019 23:58

Tgt Ion:	164	Resp:	89173
Ion	Ratio	Lower	Upper
164	100		
129	91.7	65.0	120.6
131	90.9	62.0	115.2
166	123.2	87.0	161.6

