

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090319\
 Data File : VV012552.D
 Acq On : 03 Sep 2019 17:15
 Operator : SY/MD
 Sample : K4607-09DL 5X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD65DL

Quant Time: Sep 04 03:47:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 04 02:10:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	136933	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	138332	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50260	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61840	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	63675	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	111652	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.96	46	127465	50.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.60%
24) Chloroform-d	4.40	84	98362	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.08	65	53653	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.10	84	182206	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.12	67	60834	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	144391	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.67	79	19095	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.14	63	74072	44.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41005	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	48316	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

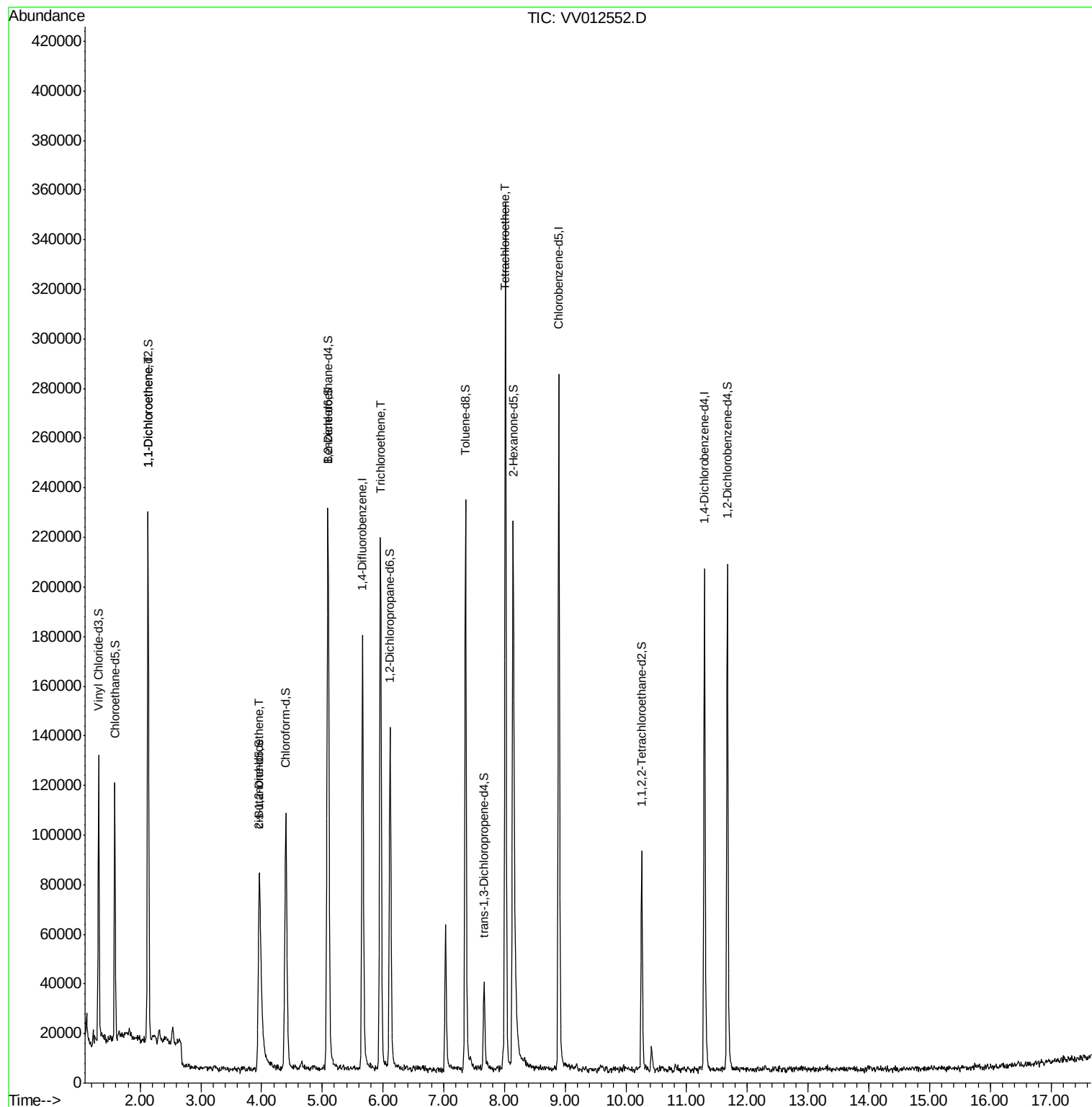
				Ovalue
12) 1,1-Dichloroethene	2.14	96	8661	0.489 ug/L # 1
22) cis-1,2-Dichloroethene	3.96	96	12915	0.882 ug/L # 99
34) Trichloroethene	5.96	95	71831	4.564 ug/L 98
47) Tetrachloroethene	8.02	164	68173	5.995 ug/L 94

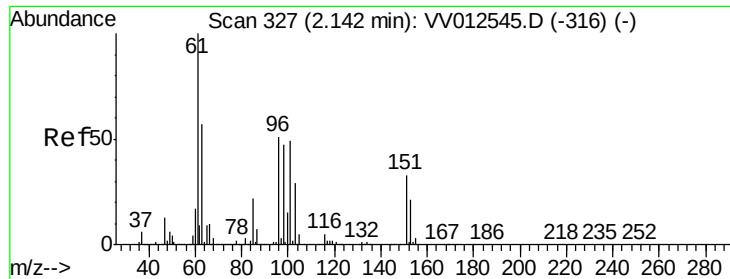
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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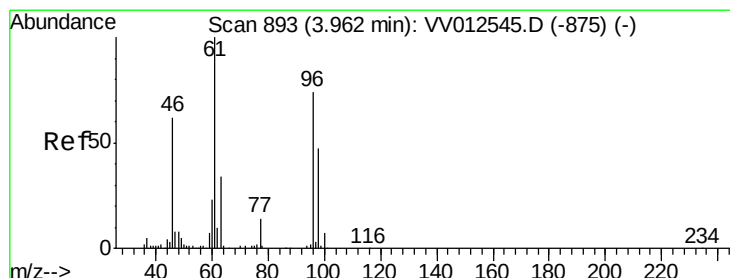
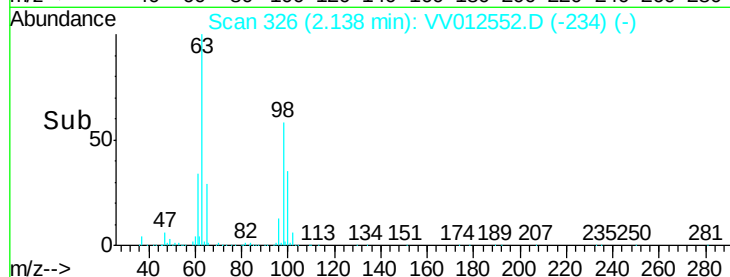
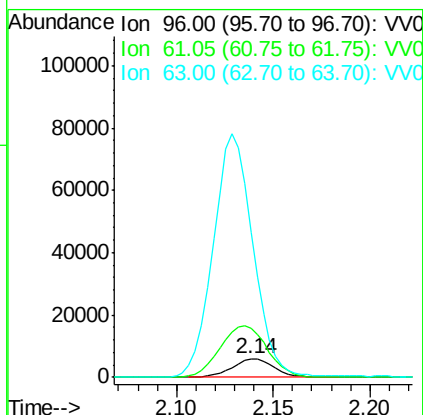
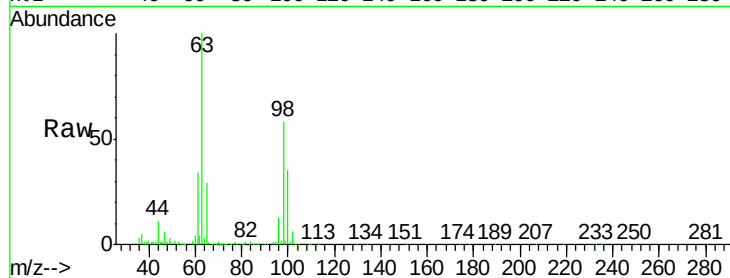




#12
 1,1-Dichloroethene
 Concen: 0.489 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV012552.D
 Acq: 03 Sep 2019 17:15

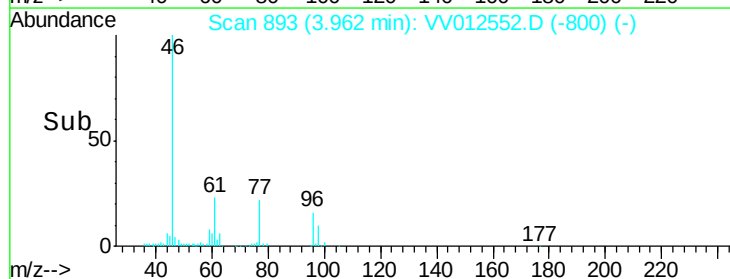
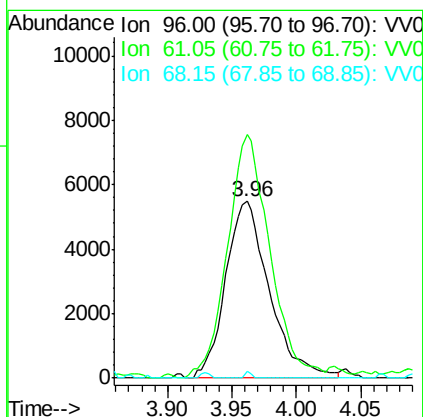
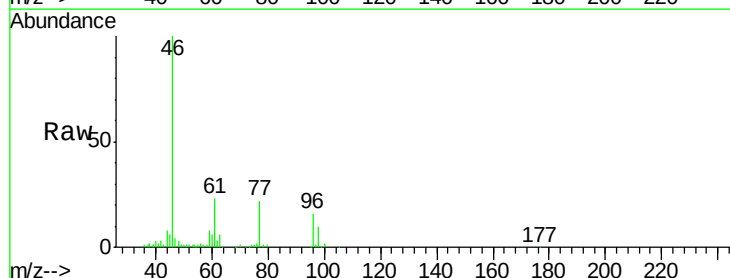
Instrument :
 MSVOA_V
 ClientSampleId :
 BFD65DL

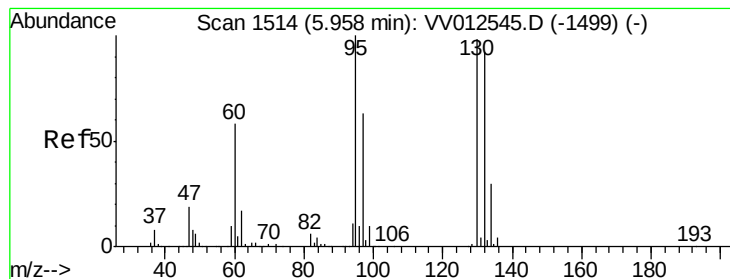
Tot Ion: 96 Resp: 8661
 Ion Ratio Lower Upper
 96 100
 61 262.4 133.7 248.3#
 63 775.2 83.2 154.6#



#22
 cis-1,2-Dichloroethene
 Concen: 0.882 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV012552.D
 Acq: 03 Sep 2019 17:15

Tgt Ion: 96 Resp: 12915
 Ion Ratio Lower Upper
 96 100
 61 138.0 97.5 181.1
 68 4.1 0.0 0.0#





#34

Trichloroethene

Concen: 4.564 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012552.D

Acq: 03 Sep 2019 17:15

Instrument :

MSVOA_V

ClientSampled :

BFD65DL

Tot Ion: 95 Resp: 71831

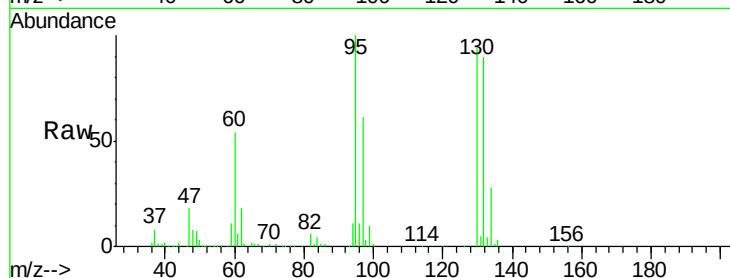
Ion Ratio Lower Upper

95 100

97 61.5 44.7 83.1

132 90.5 63.8 118.4

130 93.8 66.6 123.6

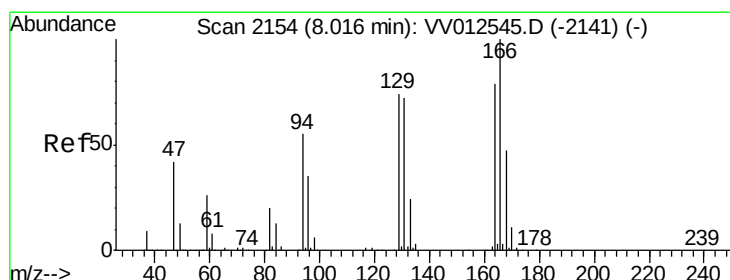
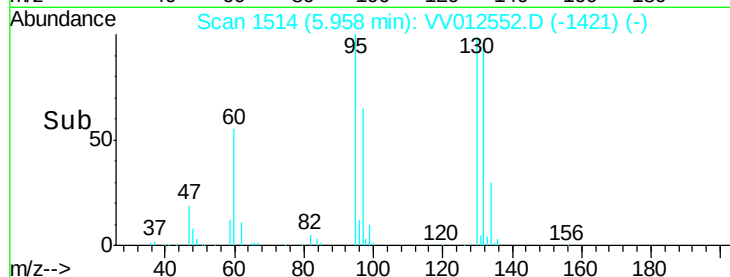
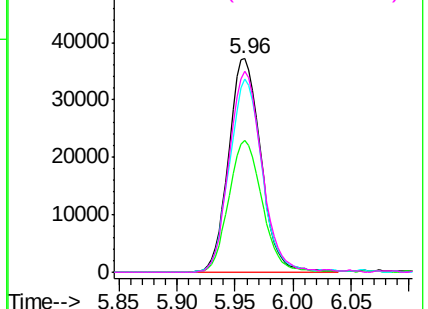


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#47

Tetrachloroethene

Concen: 5.995 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012552.D

Acq: 03 Sep 2019 17:15

Tgt Ion: 164 Resp: 68173

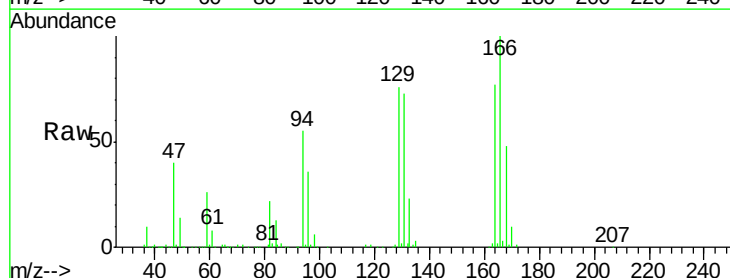
Ion Ratio Lower Upper

164 100

129 98.5 64.5 119.9

131 94.7 62.3 115.7

166 129.4 86.5 160.6



Abundance Ion 163.90 (163.60 to 164.60): VV0

Ion 128.95 (128.65 to 129.65): VV0

Ion 130.95 (130.65 to 131.65): VV0

Ion 165.90 (165.60 to 166.60): VV0

