

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090319\
 Data File : VV012550.D
 Acq On : 03 Sep 2019 16:22
 Operator : SY/MD
 Sample : K4607-09DL 5X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD65DL

Quant Time: Sep 04 02:53:27 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	149859	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	151480	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	55810	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56894	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.58	69	64006	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.13	63	108382	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.94	46	121644	43.86	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.72%
24) Chloroform-d	4.40	84	98407	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.08	65	52456	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.10	84	180629	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.12	67	60021	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.36	98	145683	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
43) trans-1,3-Dichloropropene-	7.66	79	18647	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.13	63	73137	39.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39362	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	48238	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

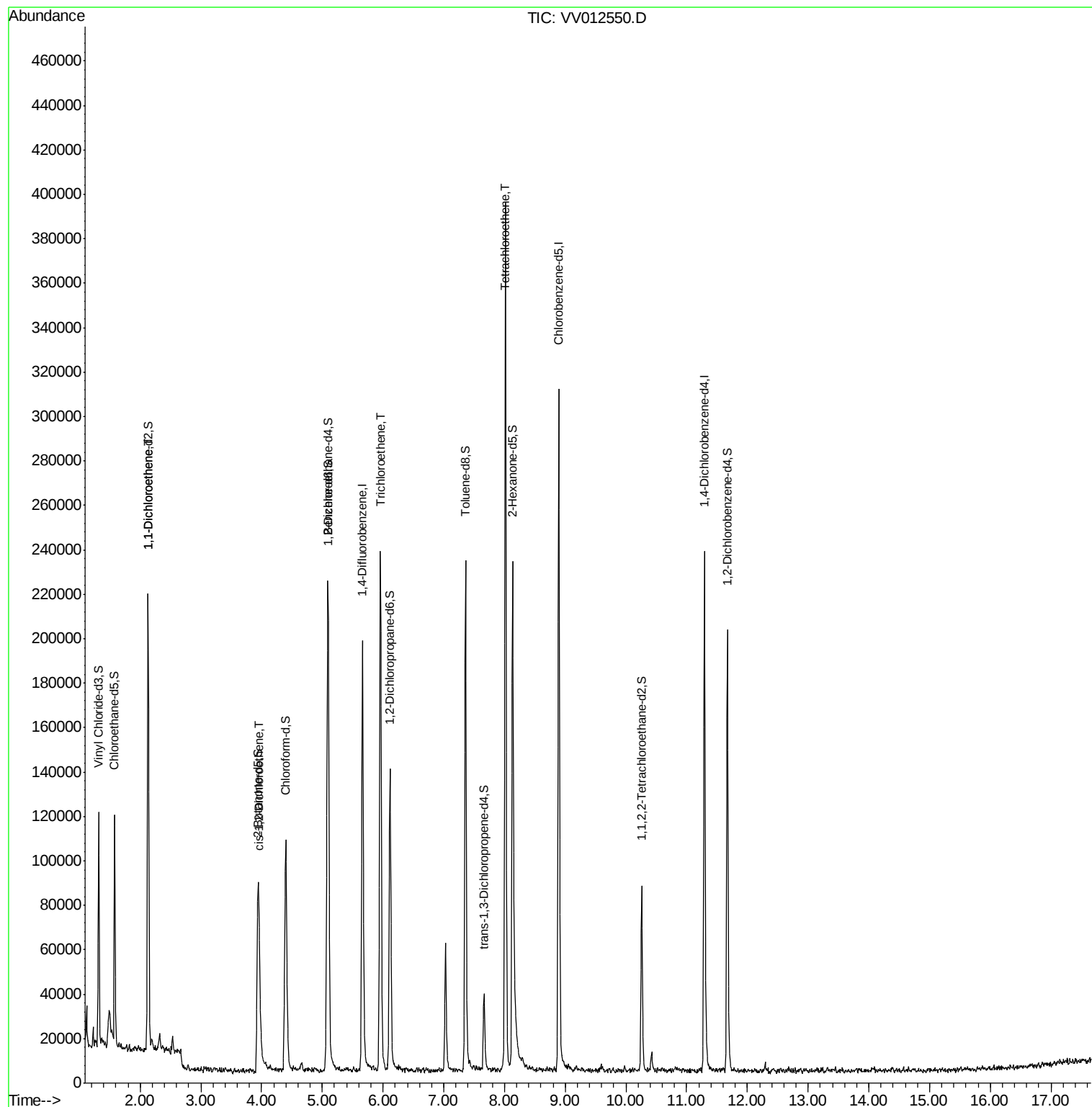
					Ovalue
12) 1,1-Dichloroethene	2.14	96	9446	0.487 ug/L	# 1
22) cis-1,2-Dichloroethene	3.96	96	13689	0.855 ug/L	97
34) Trichloroethene	5.96	95	76483	4.438 ug/L	98
47) Tetrachloroethene	8.02	164	76943	6.179 ug/L	98

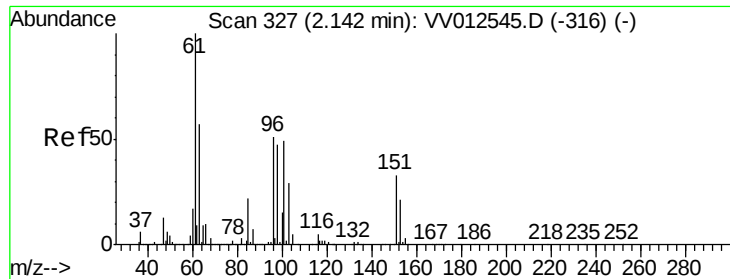
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.487 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV012550.D

Acq: 03 Sep 2019 16:22

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MSVOA_V

ClientSampleId :

BFD65DL

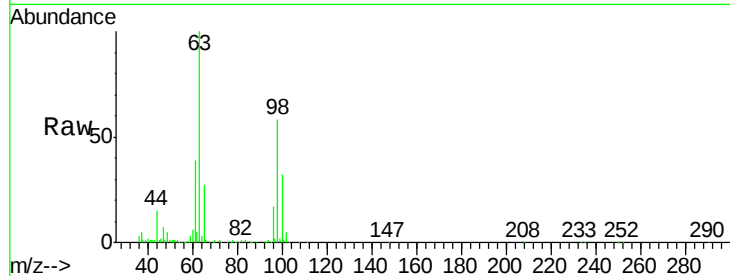
Tot Ion: 96 Resp: 9446

Ion Ratio Lower Upper

96 100

61 227.4 133.7 248.3

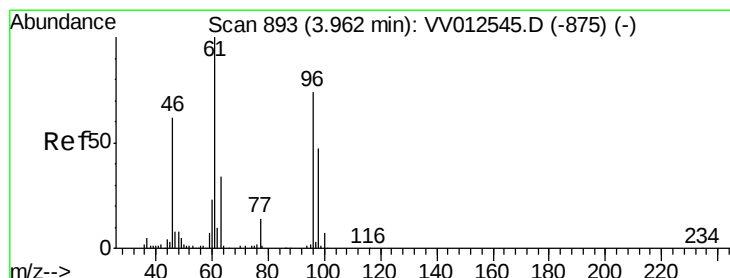
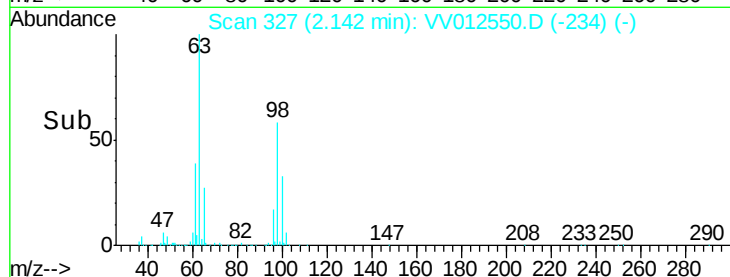
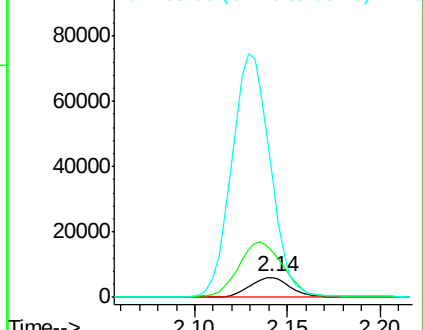
63 582.7 83.2 154.6#



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



#22

cis-1,2-Dichloroethene

Concen: 0.855 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV012550.D

Acq: 03 Sep 2019 16:22

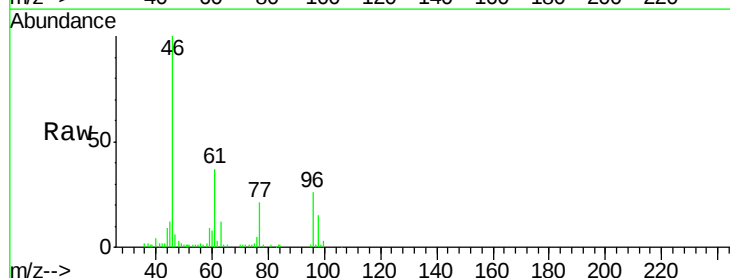
Tgt Ion: 96 Resp: 13689

Ion Ratio Lower Upper

96 100

61 143.2 97.5 181.1

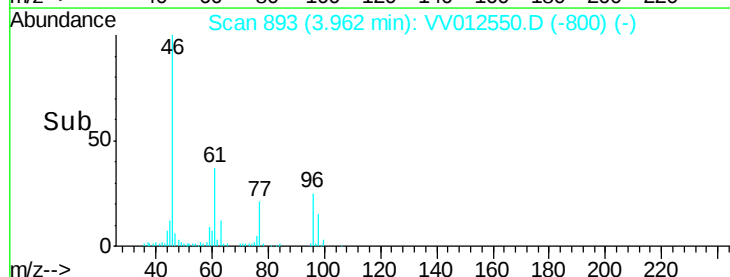
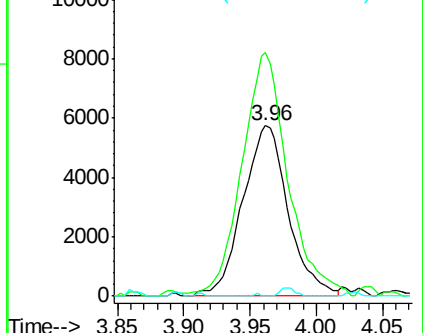
68 0.0 0.0 0.0

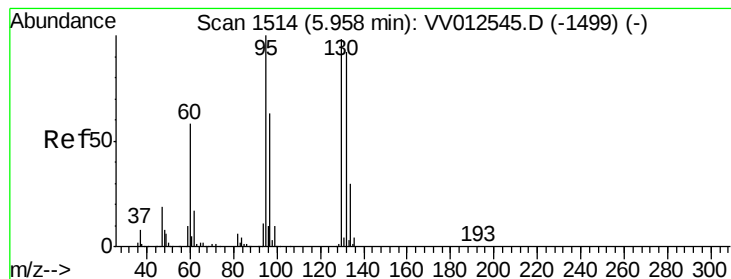


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 4.438 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012550.D

Acq: 03 Sep 2019 16:22

Instrument :

MSVOA_V

ClientSampleId :

BFD65DL

Tot Ion: 95 Resp: 76483

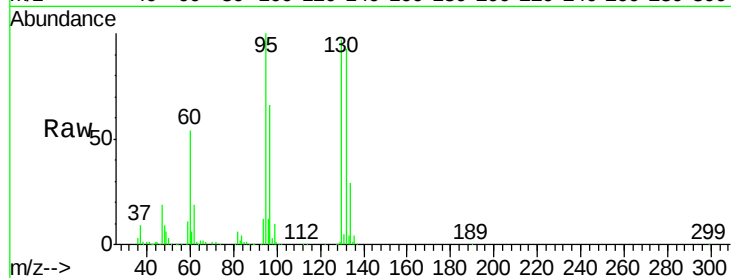
Ion Ratio Lower Upper

95 100

97 65.5 44.7 83.1

132 93.2 63.8 118.4

130 96.9 66.6 123.6

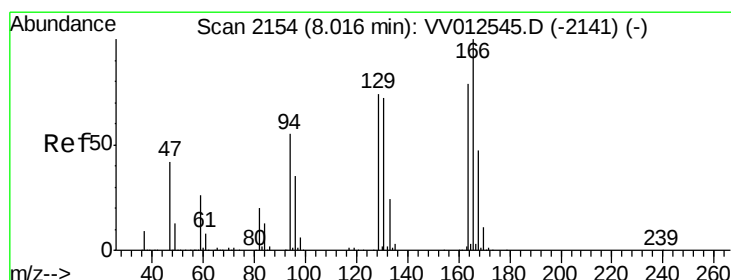
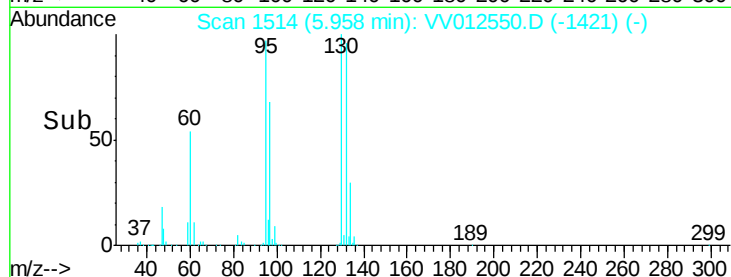
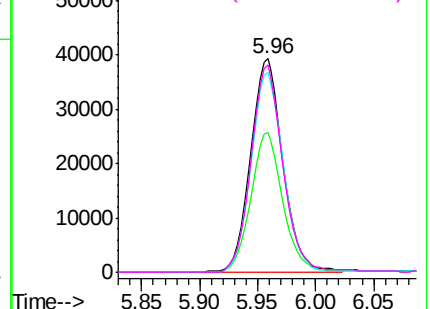


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 6.179 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012550.D

Acq: 03 Sep 2019 16:22

Tgt Ion: 164 Resp: 76943

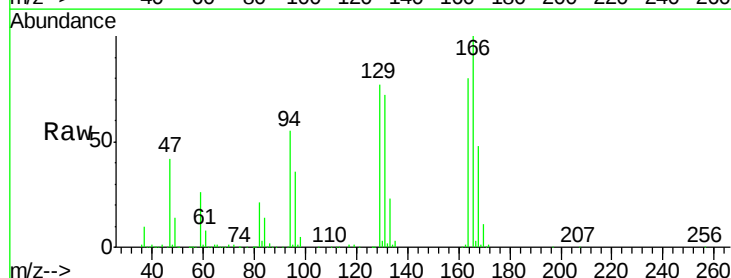
Ion Ratio Lower Upper

164 100

129 96.2 64.5 119.9

131 89.8 62.3 115.7

166 124.7 86.5 160.6



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

