

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061219\
 Data File : VV011422.D
 Acq On : 12 Jun 2019 15:07
 Operator : SY/MD
 Sample : K3289-03DL 4X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCL8DL

Quant Time: Jun 13 09:00:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 13 01:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	140374	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	123927	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48561	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47289	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.56	69	34325	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.11	63	78556	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.96	46	106290	44.39	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.78%
24) Chloroform-d	4.40	84	85081	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	47764	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.09	84	169375	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.12	67	50805	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.36	98	148578	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	14659	3.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.40%
46) 2-Hexanone-d5	8.14	63	77267	42.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33188	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	42958	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

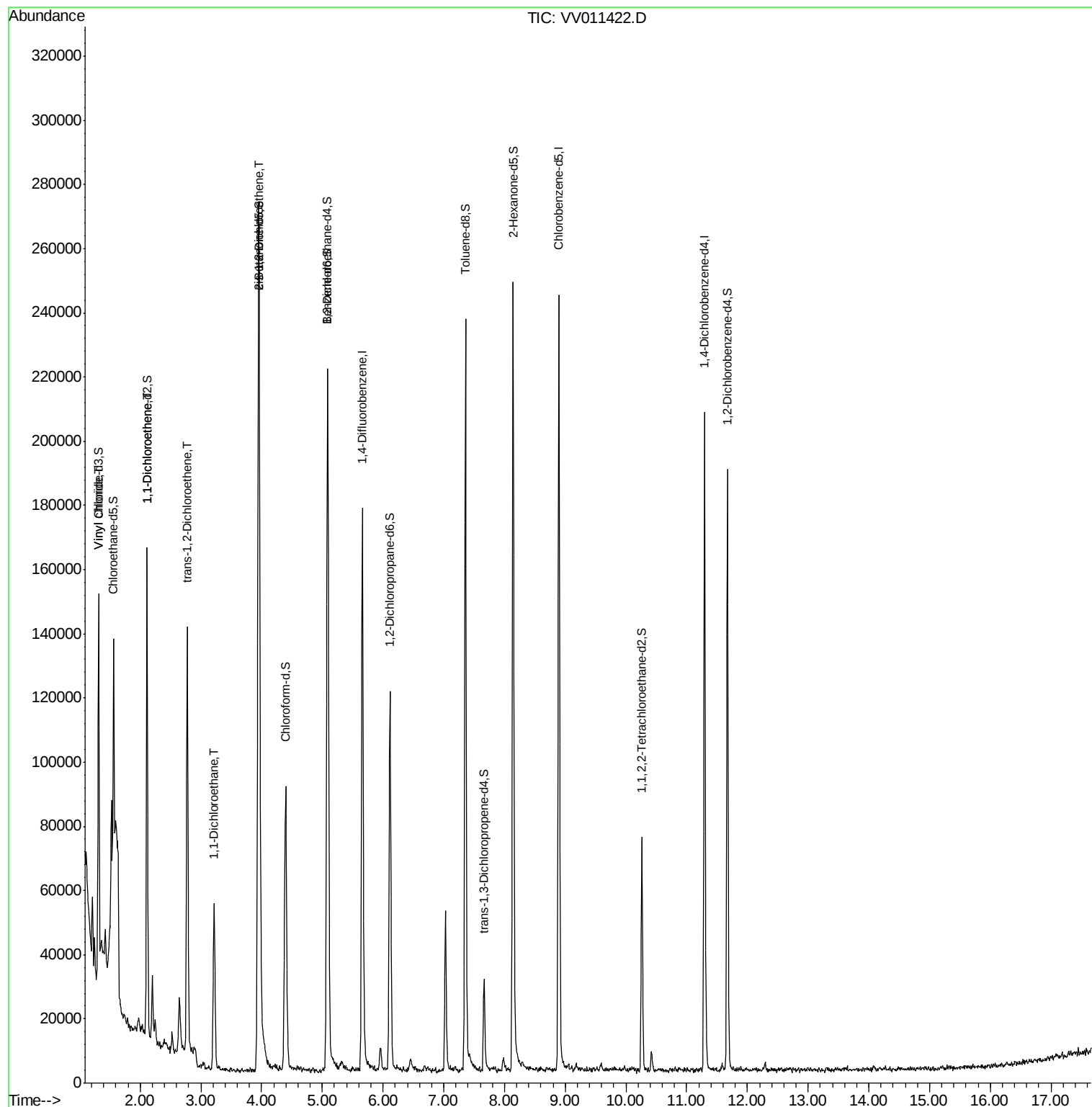
					Ovalue
5) Vinyl chloride	1.32	62	25085	1.942 ug/L #	38
12) 1,1-Dichloroethene	2.12	96	4410	0.499 ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	42933	4.336 ug/L	99
19) 1,1-Dichloroethane	3.22	63	49973	2.558 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	112079	10.220 ug/L	96

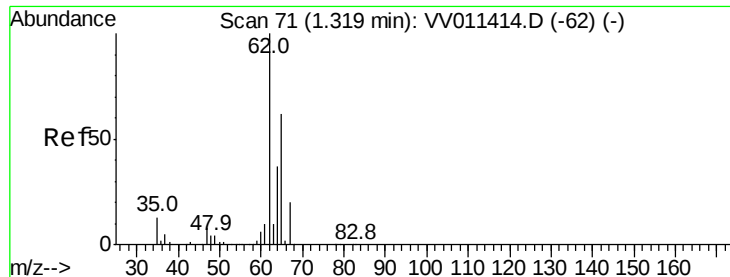
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.942 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV011422.D

Acq: 12 Jun 2019 15:07

Instrument :

MSVOA_V

ClientSampleId :

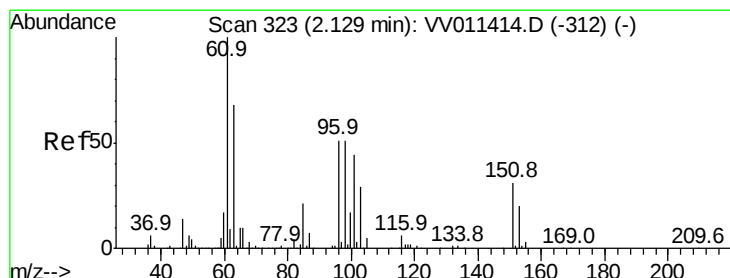
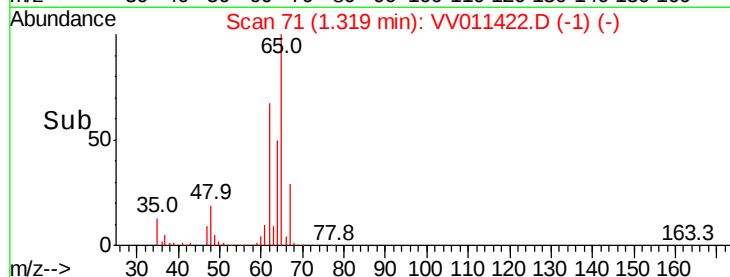
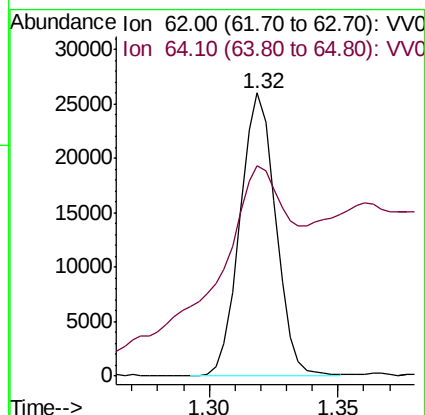
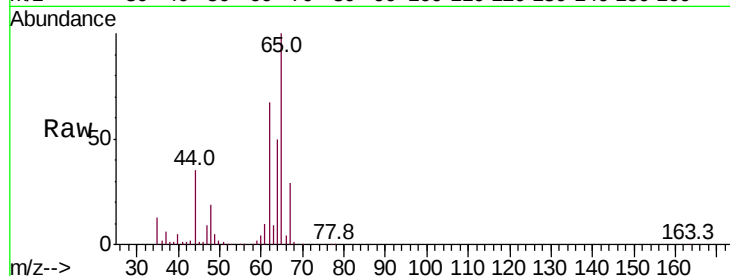
BFCL8DL

Tot Ion: 62 Resp: 25085

Ion Ratio Lower Upper

62 100

64 74.2 25.9 48.1#



#12

1,1-Dichloroethene

Concen: 0.499 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011422.D

Acq: 12 Jun 2019 15:07

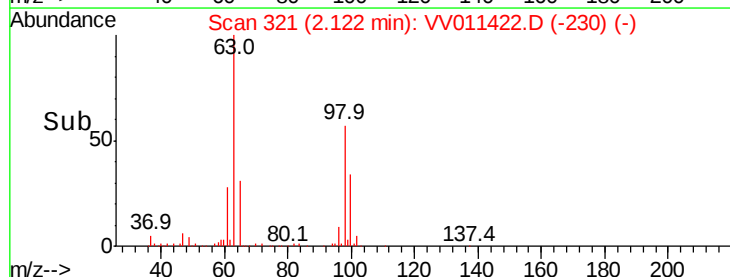
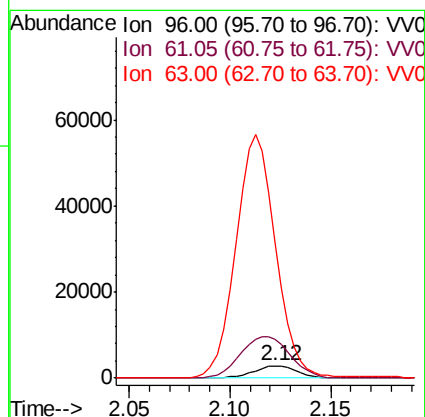
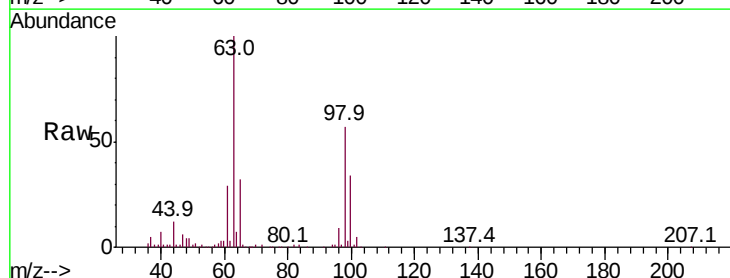
Tgt Ion: 96 Resp: 4410

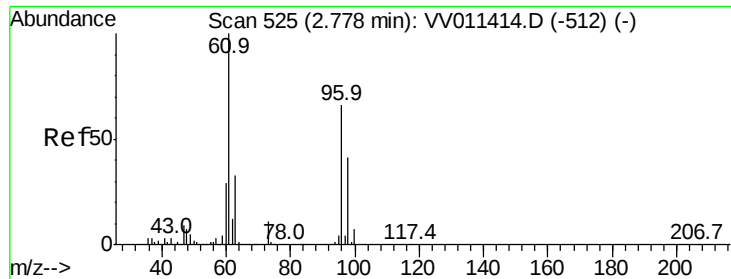
Ion Ratio Lower Upper

96 100

61 312.7 139.8 259.6#

63 1088.1 94.3 175.1#

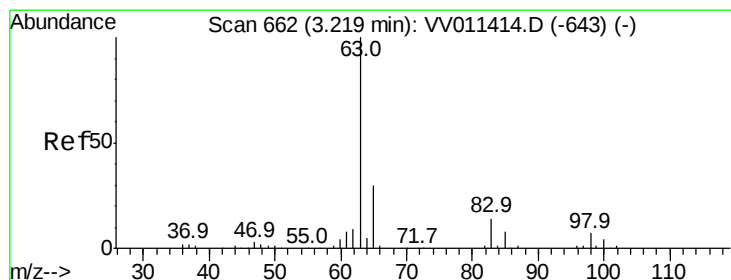
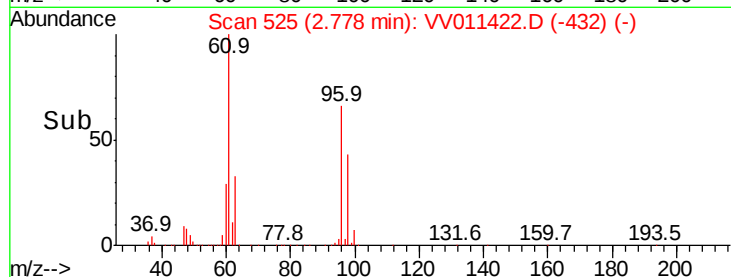
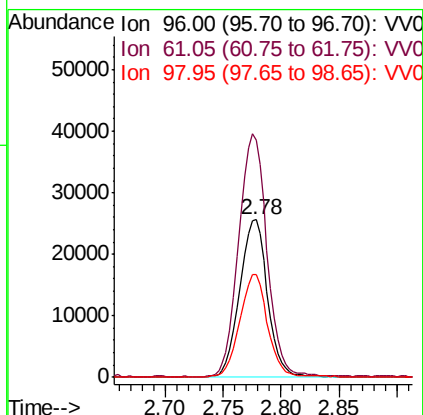
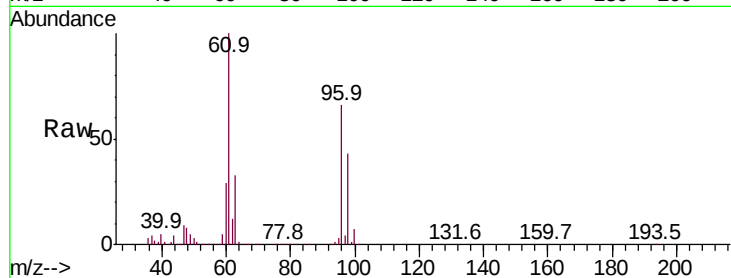




#18
trans-1,2-Dichloroethene
Concen: 4.336 ug/L
RT: 2.78 min Scan# 525
Delta R.T. -0.00 min
Lab File: VV011422.D
Acq: 12 Jun 2019 15:07

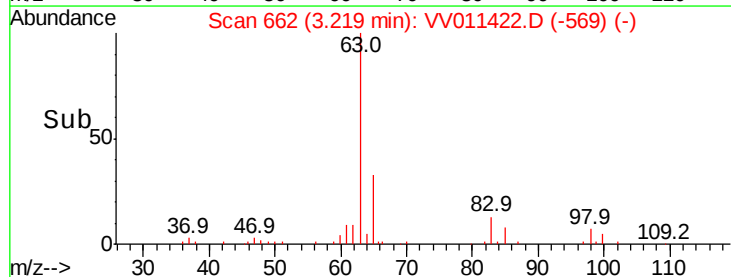
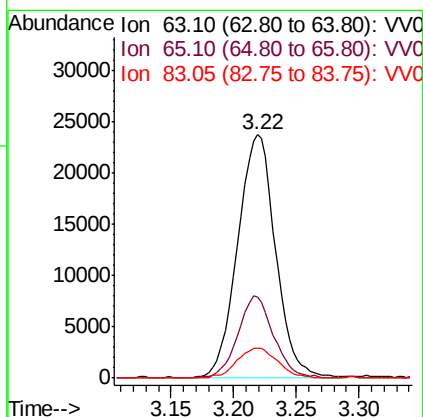
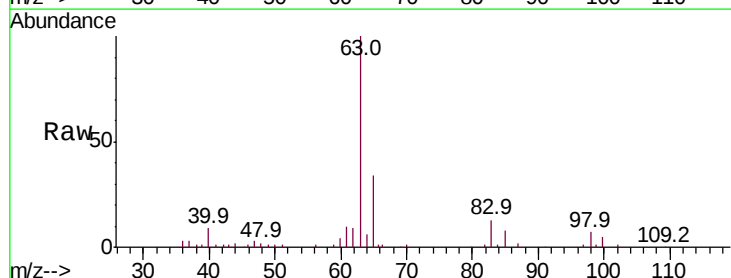
Instrument :
MSVOA_V
ClientSampled :
BFCL8DL

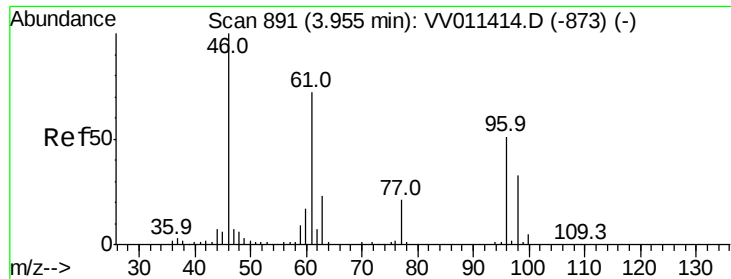
Tot Ion: 96 Resp: 42933
Ion Ratio Lower Upper
96 100
61 150.9 104.0 193.2
98 65.2 45.7 84.9



#19
1,1-Dichloroethane
Concen: 2.558 ug/L
RT: 3.22 min Scan# 662
Delta R.T. -0.00 min
Lab File: VV011422.D
Acq: 12 Jun 2019 15:07

Tgt Ion: 63 Resp: 49973
Ion Ratio Lower Upper
63 100
65 34.3 22.1 41.1
83 12.5 9.2 17.0





#22

cis-1,2-Dichloroethene
 Concen: 10.220 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VV011422.D
 Acq: 12 Jun 2019 15:07

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCL8DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.5	100.8	187.2
68	0.0	0.0	0.0

