

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062419\
 Data File : VV011732.D
 Acq On : 24 Jun 2019 16:00
 Operator : SY/MD
 Sample : K3462-15DL 100X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCQ0DL

Quant Time: Jun 25 08:49:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 25 08:19:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	163840	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	151160	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63442	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54790	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.57	69	38941	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.12	63	85594	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	3.95	46	174050	60.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.52%
24) Chloroform-d	4.40	84	110848	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.08	65	66409	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.10	84	230074	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.12	67	70764	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.36	98	196087	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.66	79	22613	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.13	63	130461	61.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51560	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	66973	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

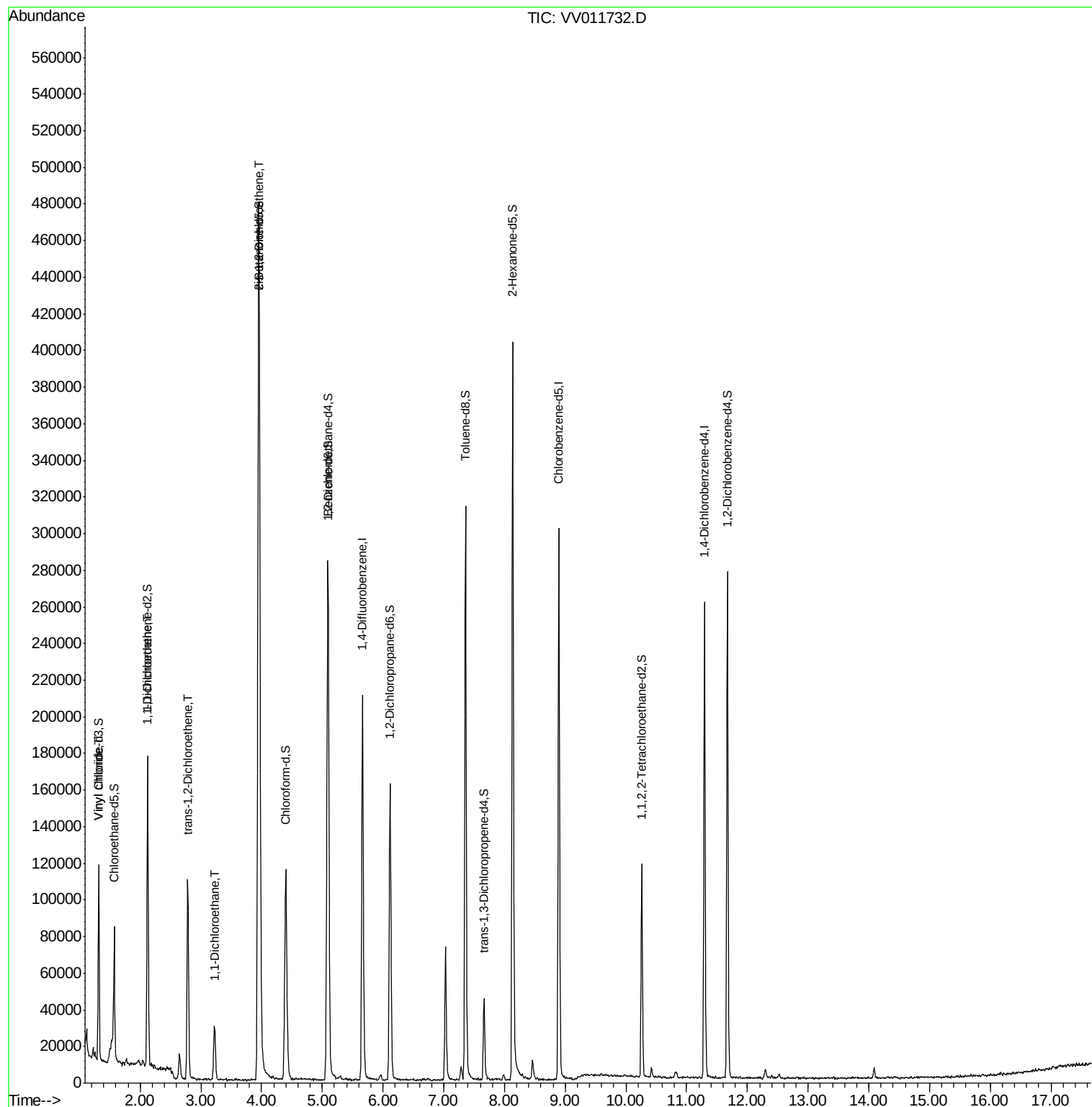
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	12331	0.814	ug/L	87
12) 1,1-Dichloroethene	2.14	96	5647	0.557	ug/L	# 1
18) trans-1,2-Dichloroethene	2.78	96	37826	3.173	ug/L	92
19) 1,1-Dichloroethane	3.23	63	29088	1.228	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	207921	15.872	ug/L	98

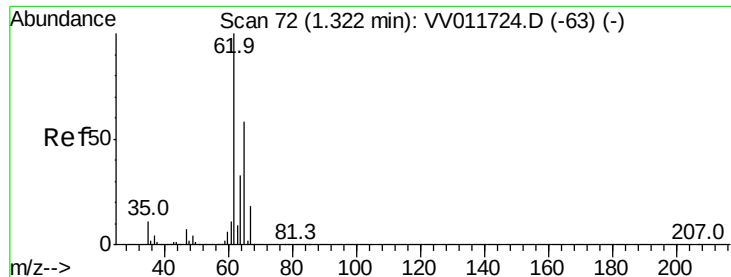
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.814 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV011732.D

Acq: 24 Jun 2019 16:00

Instrument :

MSVOA_V

ClientSampled :

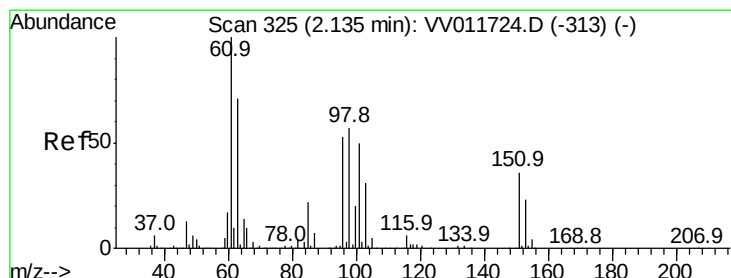
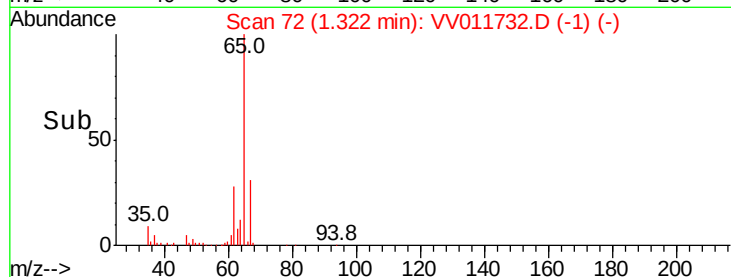
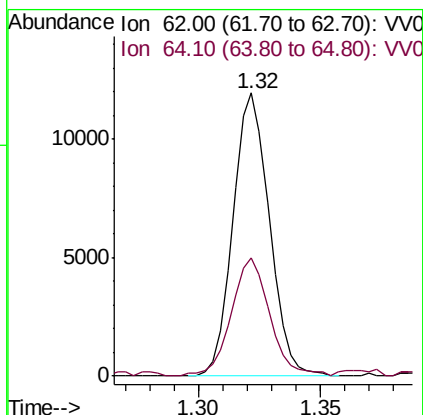
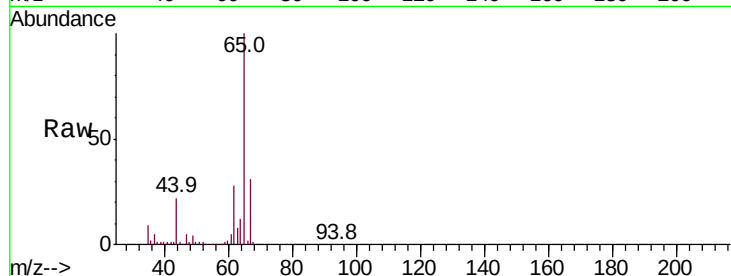
BFCQ0DL

Tot Ion: 62 Resp: 12331

Ion Ratio Lower Upper

62 100

64 41.6 24.1 44.7



#12

1,1-Dichloroethene

Concen: 0.557 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV011732.D

Acq: 24 Jun 2019 16:00

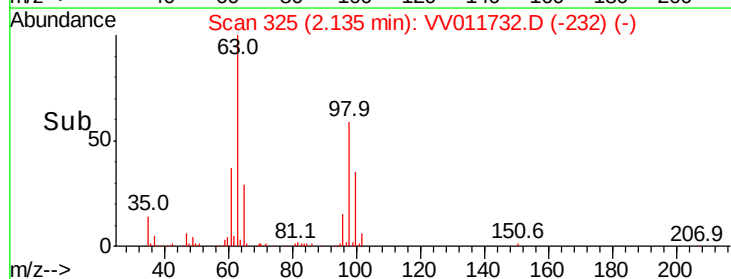
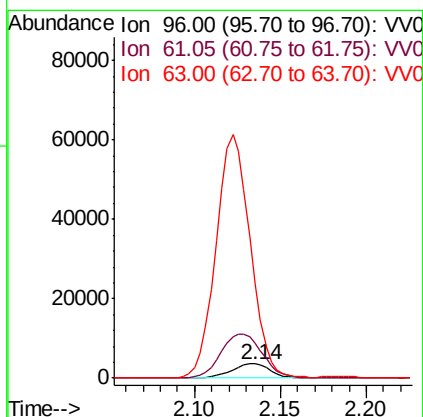
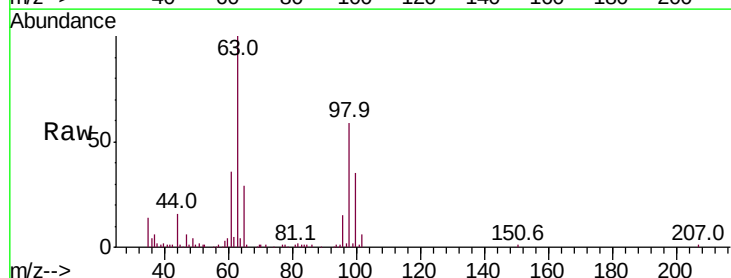
Tgt Ion: 96 Resp: 5647

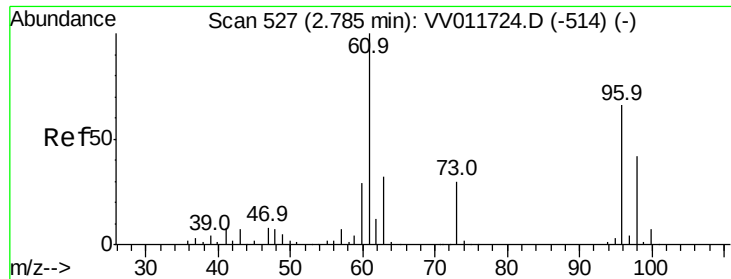
Ion Ratio Lower Upper

96 100

61 240.1 131.5 244.1

63 660.8 91.8 170.4#

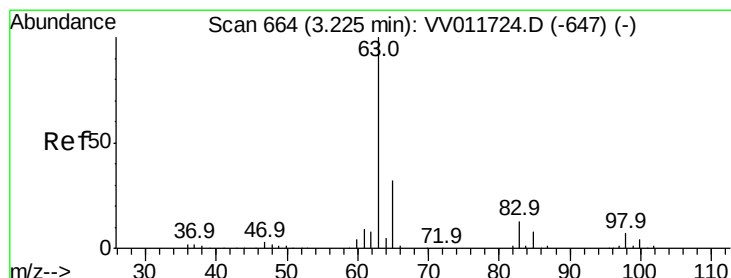
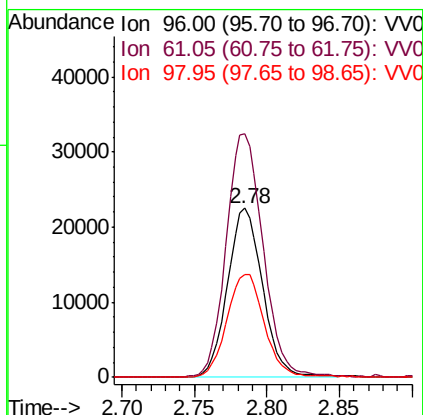
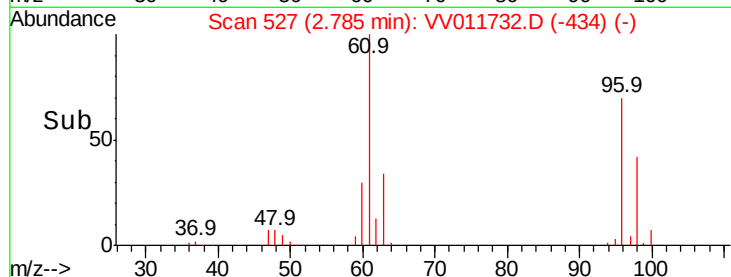
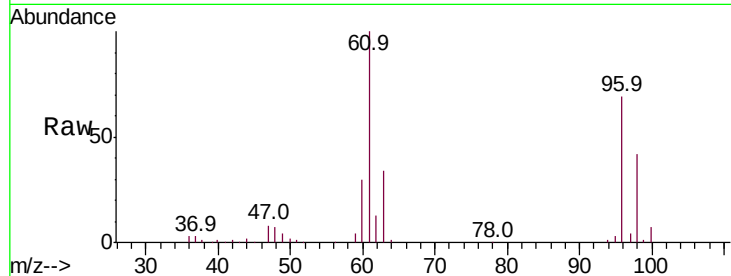




#18
trans-1,2-Dichloroethene
Concen: 3.173 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.00 min
Lab File: VV011732.D
Acq: 24 Jun 2019 16:00

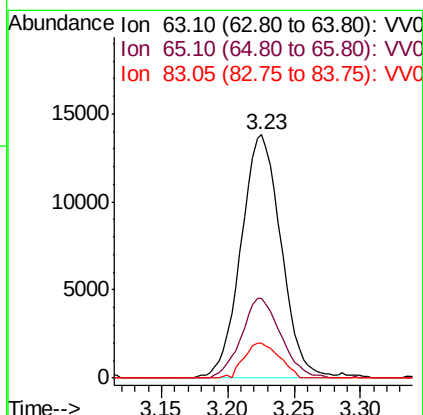
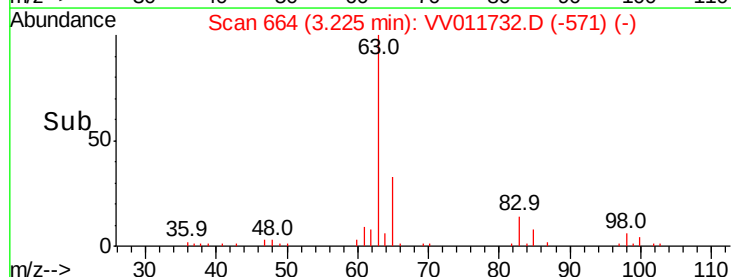
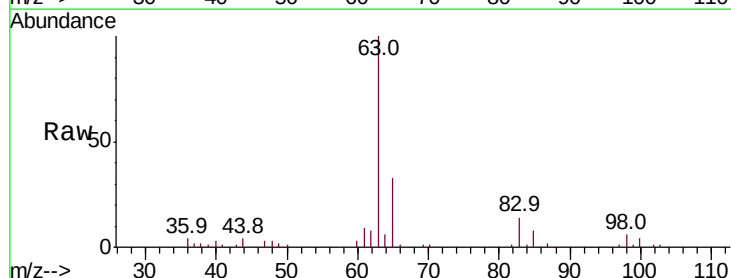
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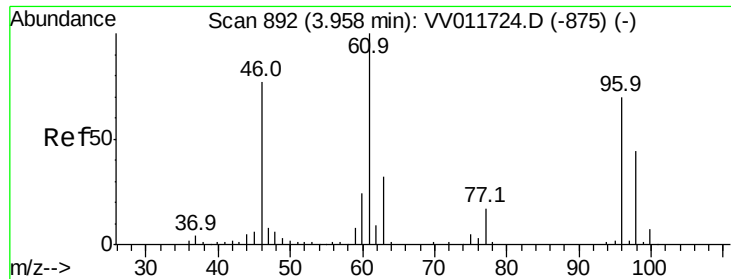
Tot Ion: 96 Resp: 37826
Ion Ratio Lower Upper
96 100
61 144.1 109.3 203.1
98 60.9 44.6 82.8



#19
1,1-Dichloroethane
Concen: 1.228 ug/L
RT: 3.23 min Scan# 664
Delta R.T. -0.00 min
Lab File: VV011732.D
Acq: 24 Jun 2019 16:00

Tgt Ion: 63 Resp: 29088
Ion Ratio Lower Upper
63 100
65 32.7 23.0 42.8
83 14.4 9.5 17.7





#22
 cis-1,2-Dichloroethene
 Concen: 15.872 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV011732.D
 Acq: 24 Jun 2019 16:00

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCQ0DL

Tot Ion: 96 Resp: 207921
 Ion Ratio Lower Upper
 96 100
 61 142.2 97.9 181.7
 68 0.0 0.0 0.0

