

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017052.D
 Acq On : 23 Jun 2020 13:47
 Operator : SY/MD
 Sample : L3067-13DL 40X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH0DL

Quant Time: Jun 24 05:49:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 05:01:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	172805	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	168156	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81698	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45553	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.58	69	36205	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.12	63	69364	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.93	46	132216	50.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.04%
24) Chloroform-d	4.38	84	100726	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.06	65	59868	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.07	84	211243	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.10	67	62687	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.34	98	191996	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
45) trans-1,3-Dichloropropene-	7.64	79	24227	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
48) 2-Hexanone-d5	8.11	63	81069	39.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.24%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42155	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	75752	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

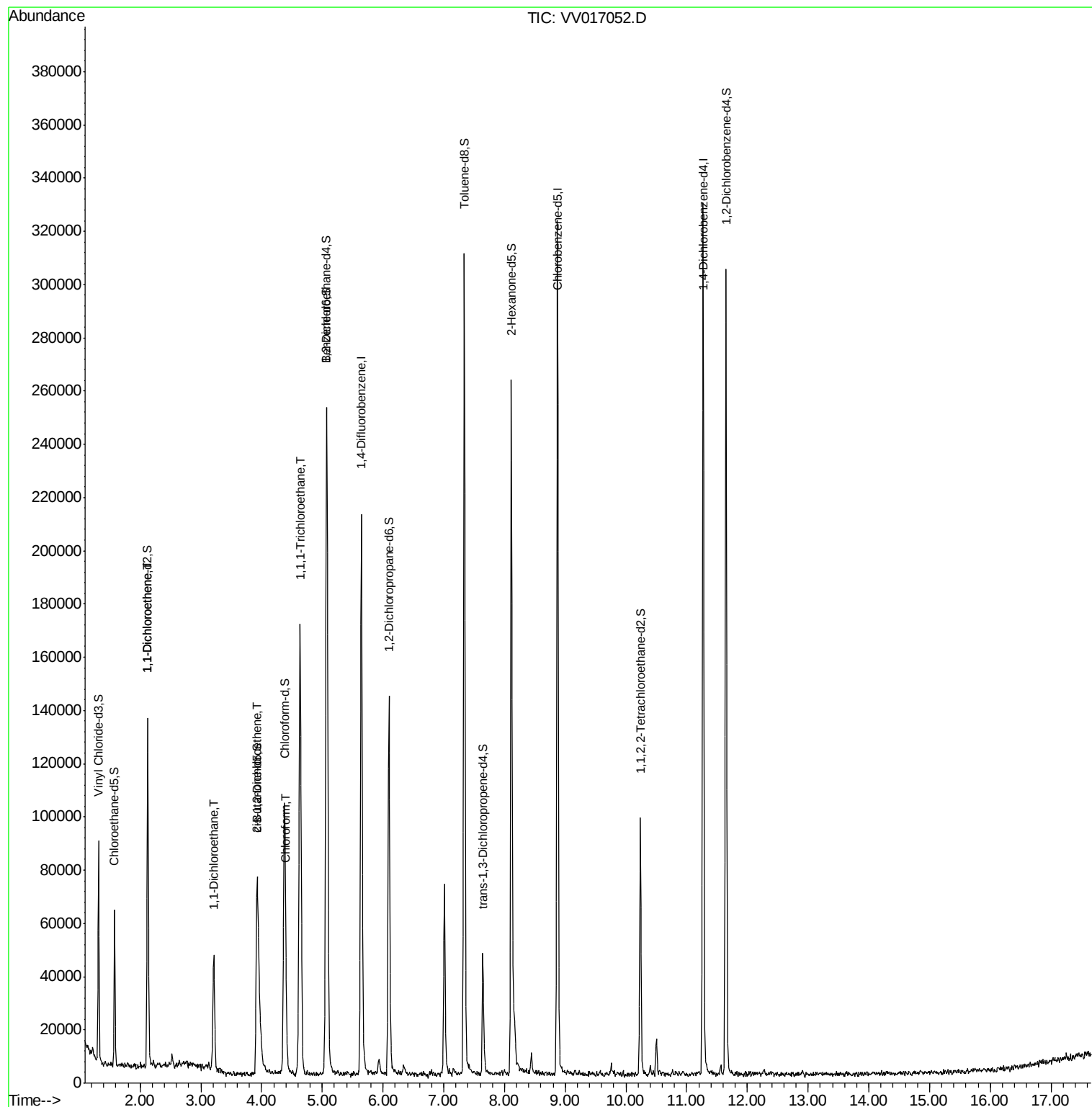
					Ovalue
12) 1,1-Dichloroethene	2.13	96	2895	0.349 ug/L #	1
19) 1,1-Dichloroethane	3.21	63	43002	2.178 ug/L	96
22) cis-1,2-Dichloroethene	3.93	96	1370	0.114 ug/L #	85
25) Chloroform	4.41	83	12483	0.579 ug/L	95
29) 1,1,1-Trichloroethane	4.63	97	134845	6.693 ug/L	99

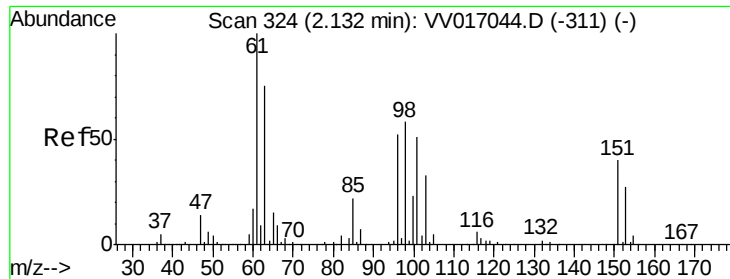
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 24 05:01:54 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.349 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV017052.D

Acq: 23 Jun 2020 13:47

Instrument :

MSVOA_V

ClientSampleId :

BFXH0DL

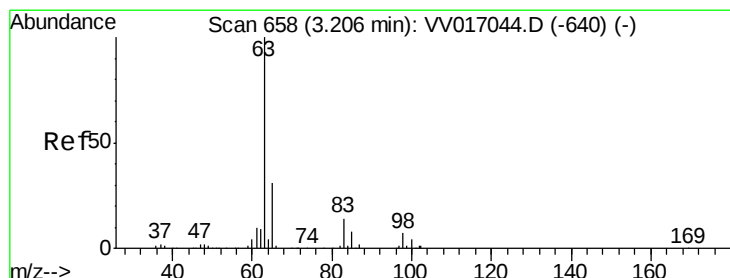
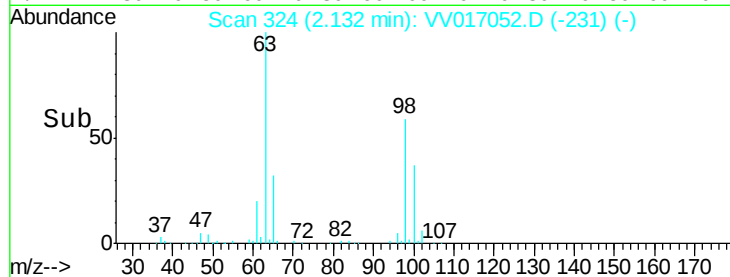
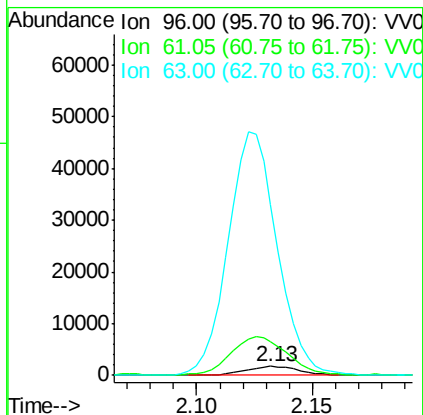
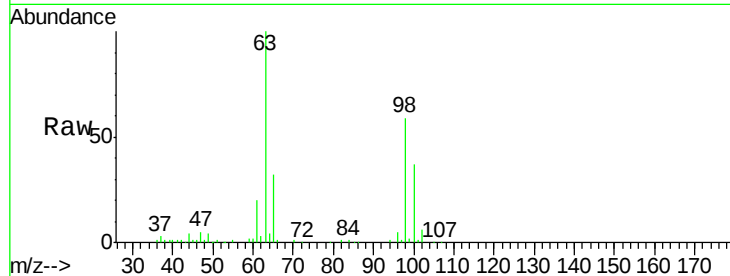
Tot Ion: 96 Resp: 2895

Ion Ratio Lower Upper

96 100

61 382.5 125.0 232.2#

63 1911.8 109.8 203.8#



#19

1,1-Dichloroethane

Concen: 2.178 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.01 min

Lab File: VV017052.D

Acq: 23 Jun 2020 13:47

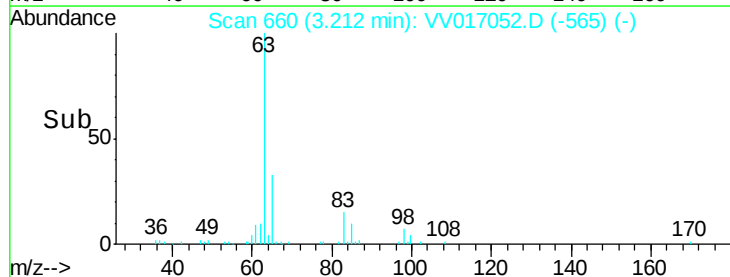
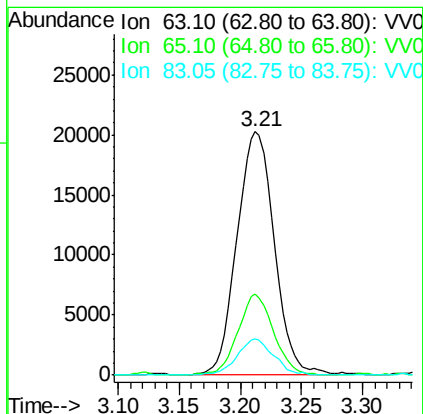
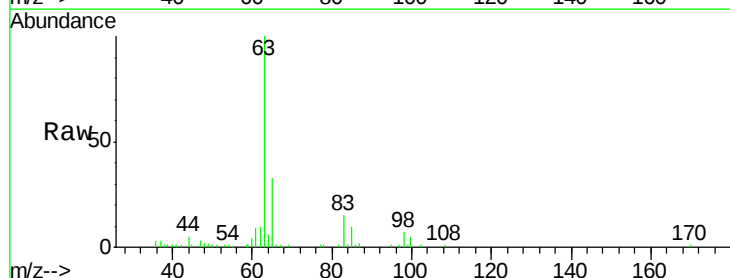
Tgt Ion: 63 Resp: 43002

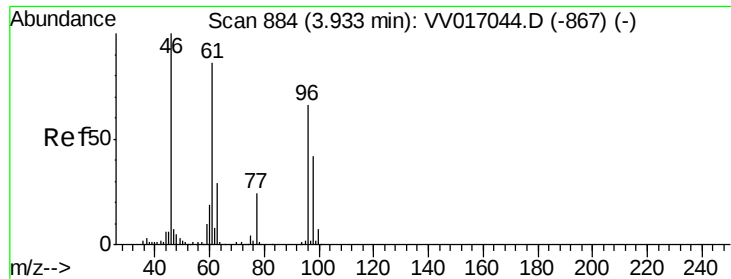
Ion Ratio Lower Upper

63 100

65 33.3 21.8 40.4

83 14.7 9.7 17.9



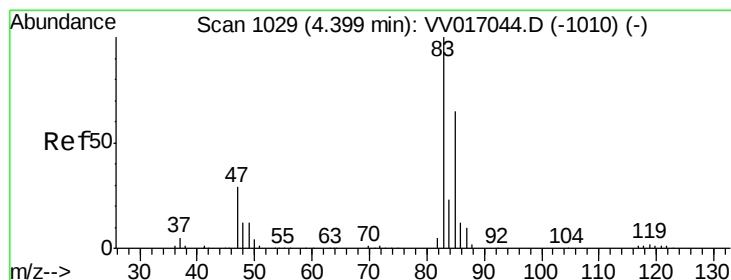
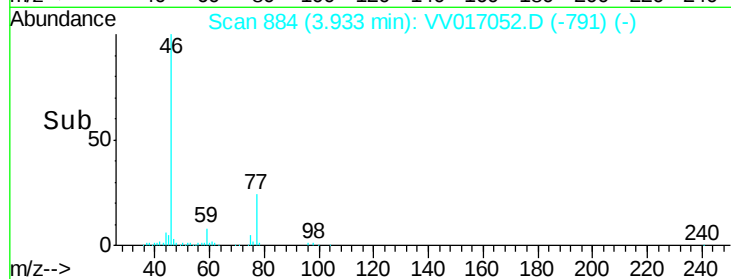
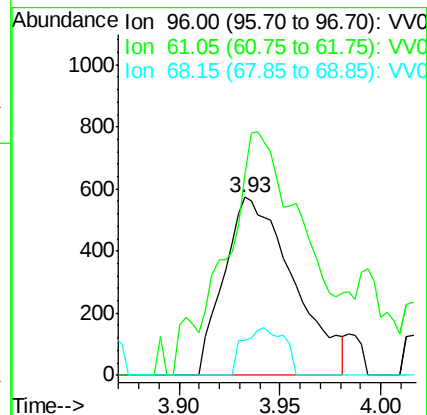
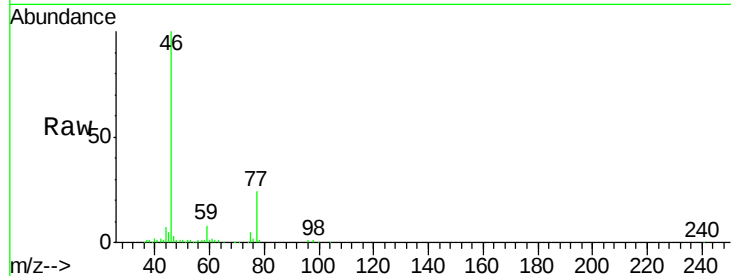


#22

cis-1,2-Dichloroethene
 Concen: 0.114 ug/L
 RT: 3.93 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: VV017052.D
 Acq: 23 Jun 2020 13:47

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 MSVOA_V
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 BFXH0DL

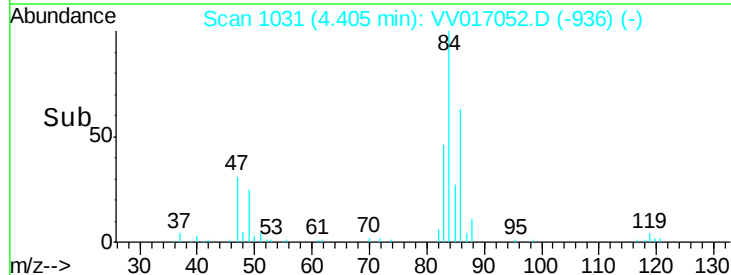
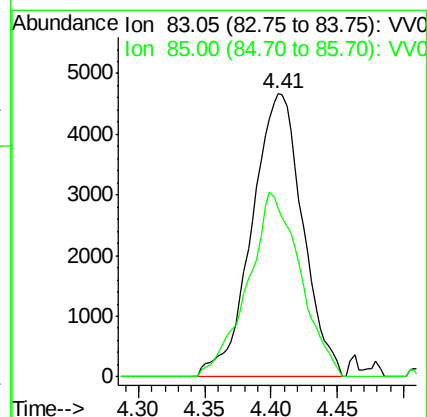
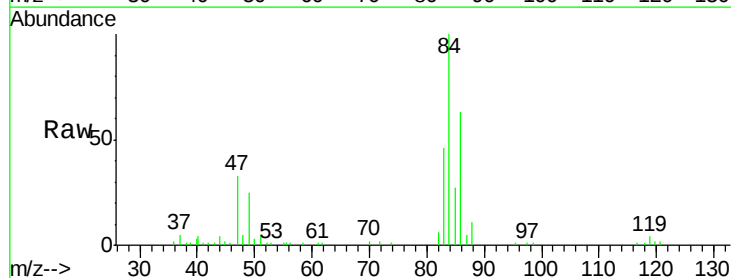
Tot Ion: 96 Resp: 1370
 Ion Ratio Lower Upper
 96 100
 61 112.7 91.0 169.0
 68 19.3 0.0 0.0#

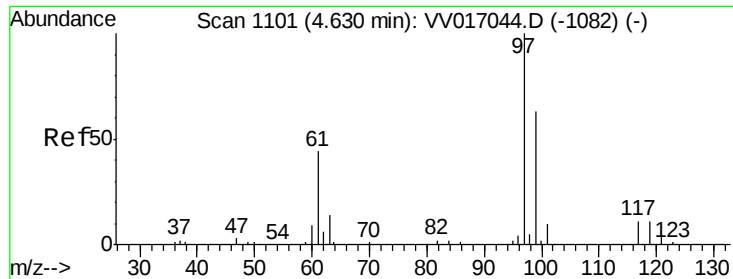


#25

Chloroform
 Concen: 0.579 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV017052.D
 Acq: 23 Jun 2020 13:47

Tgt Ion: 83 Resp: 12483
 Ion Ratio Lower Upper
 83 100
 85 59.5 44.2 82.2





#29

1,1,1-Trichloroethane

Concen: 6.693 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV017052.D

Acq: 23 Jun 2020 13:47

Instrument :

MSVOA_V

ClientSampleId :

BFXH0DL

Tot Ion: 97 Resp: 134845

Ion Ratio Lower Upper

97 100

99 64.7 50.3 75.5

61 44.9 36.0 54.0

