

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017050.D
 Acq On : 23 Jun 2020 12:59
 Operator : SY/MD
 Sample : L3067-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH1

Quant Time: Jun 24 05:39:22 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	164014	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	162407	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75854	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44714	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.58	69	36064	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.12	63	72096	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.93	46	138673	55.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.54%
24) Chloroform-d	4.38	84	112409	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.06	65	61354	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.07	84	213842	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.10	67	63432	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.34	98	193231	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
45) trans-1,3-Dichloropropene-	7.64	79	24680	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
48) 2-Hexanone-d5	8.11	63	84666	42.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.60%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42908	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	76703	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

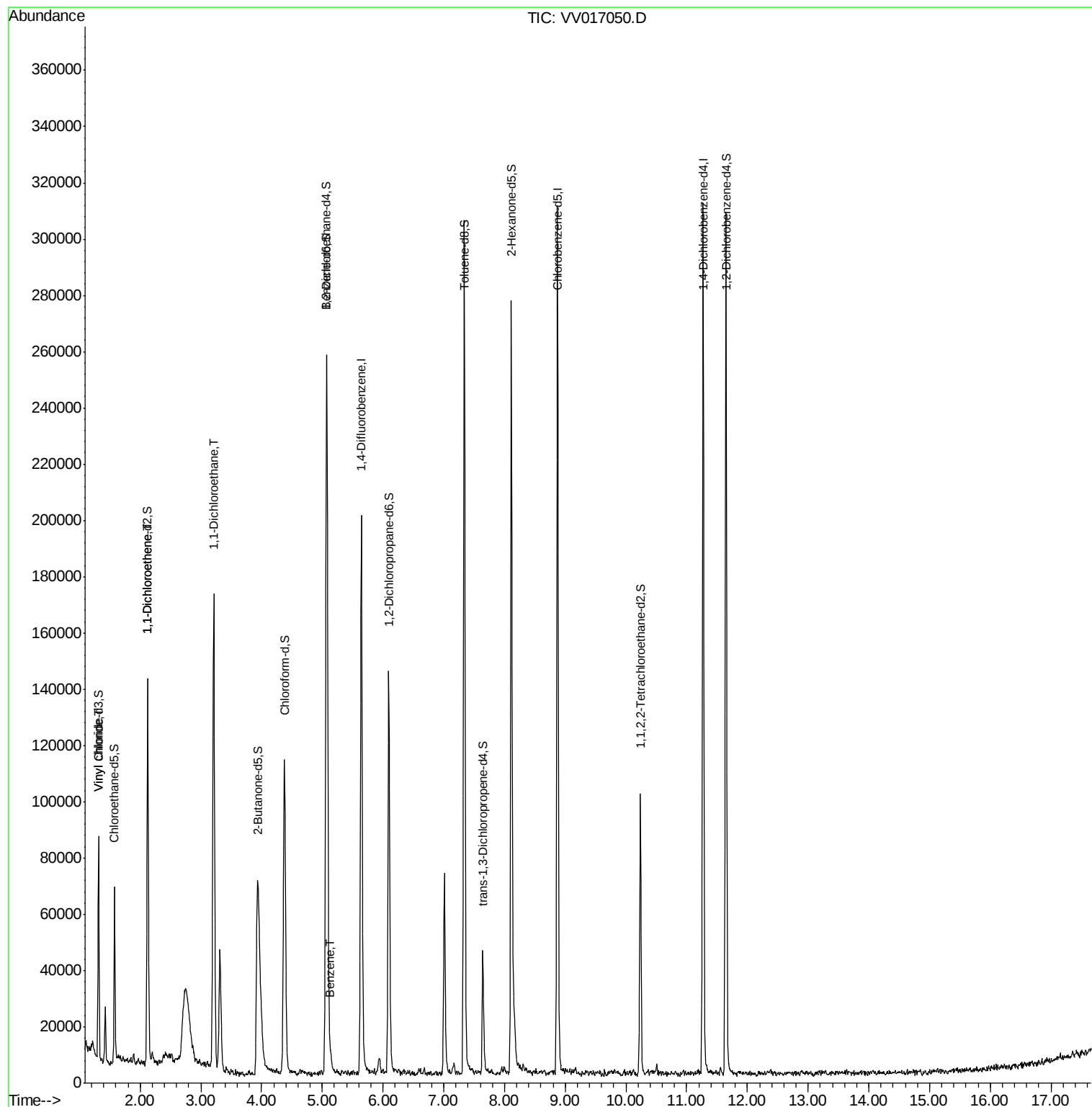
					Ovalue
5) Vinyl chloride	1.32	62	2914	0.271 ug/L #	74
12) 1,1-Dichloroethene	2.14	96	4608	0.585 ug/L #	1
19) 1,1-Dichloroethane	3.21	63	165754	8.844 ug/L	97
33) Benzene	5.14	78	5708	0.134 ug/L	100

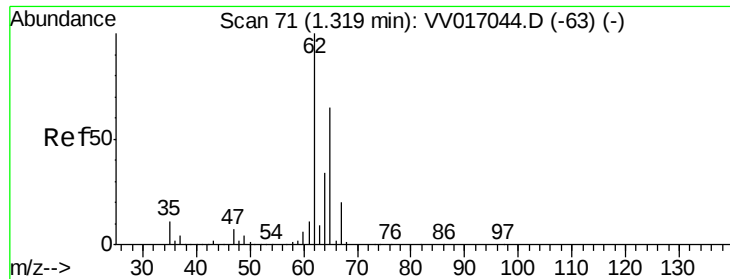
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.271 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017050.D

Acq: 23 Jun 2020 12:59

Instrument :

MSVOA_V

ClientSampled :

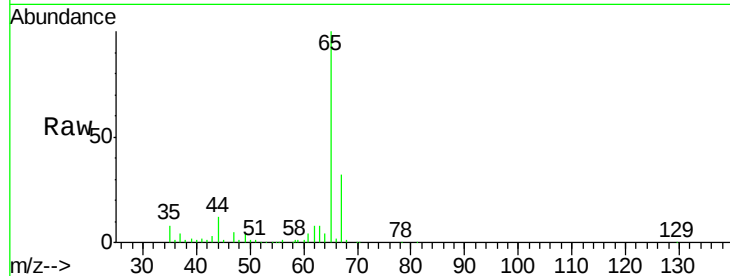
BFXH1

Tot Ion: 62 Resp: 2914

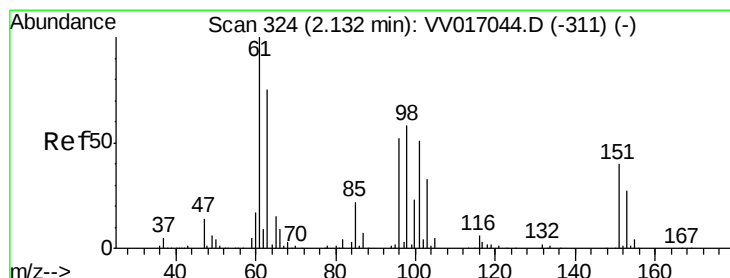
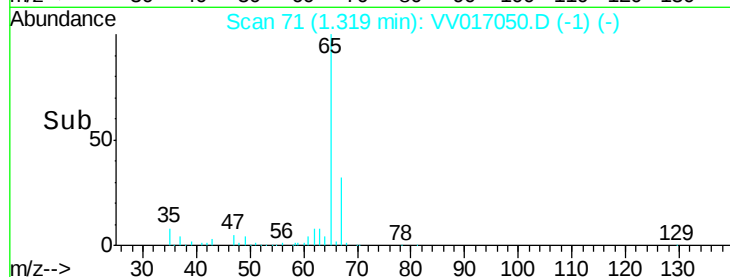
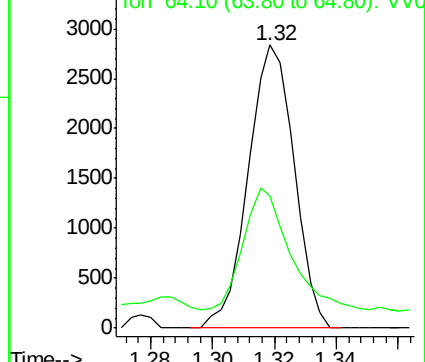
Ion Ratio Lower Upper

62 100

64 46.9 22.5 41.7#



Abundance Ion 62.00 (61.70 to 62.70): VV017044.D (-63) (-)



#12

1,1-Dichloroethene

Concen: 0.585 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV017050.D

Acq: 23 Jun 2020 12:59

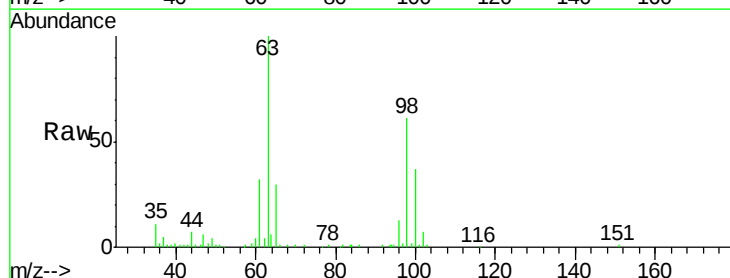
Tgt Ion: 96 Resp: 4608

Ion Ratio Lower Upper

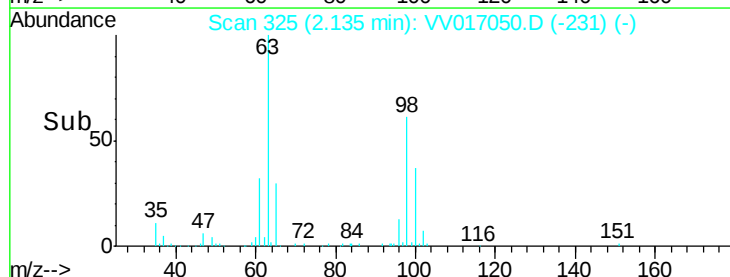
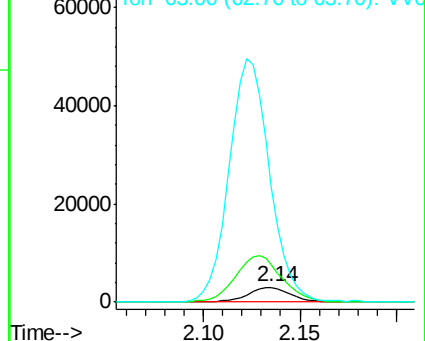
96 100

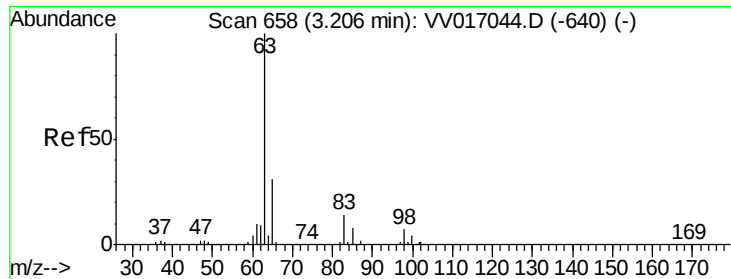
61 256.2 125.0 232.2#

63 798.1 109.8 203.8#



Abundance Ion 96.00 (95.70 to 96.70): VV017044.D (-311) (-)

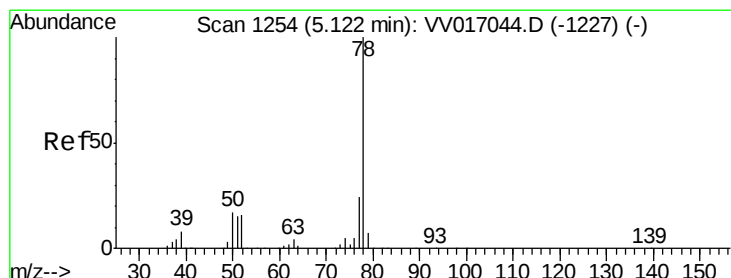
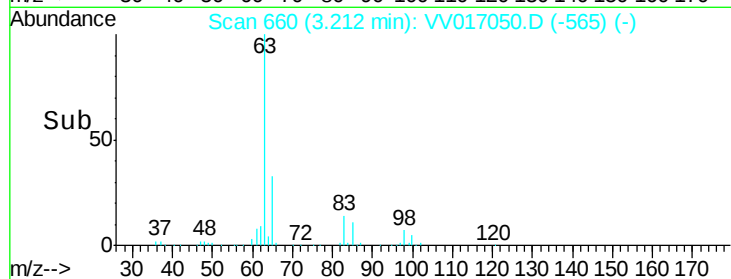
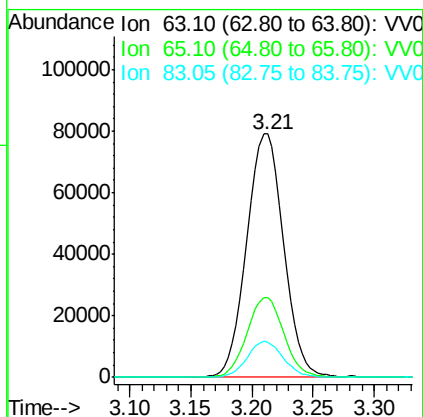
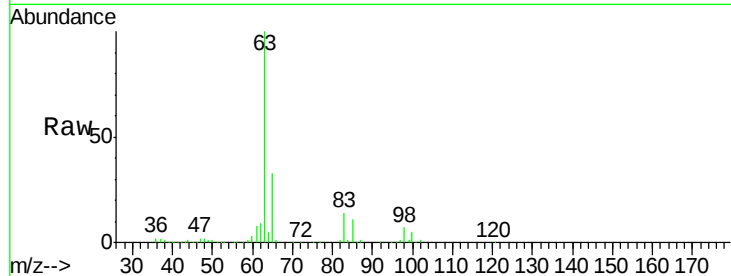




#19
 1,1-Dichloroethane
 Concen: 8.844 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VV017050.D
 Acq: 23 Jun 2020 12:59

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 MSVOA_V
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Tot Ion: 63 Resp: 165754
 Ion Ratio Lower Upper
 63 100
 65 33.0 21.8 40.4
 83 14.4 9.7 17.9



#33
 Benzene
 Concen: 0.134 ug/L
 RT: 5.14 min Scan# 1258
 Delta R.T. 0.01 min
 Lab File: VV017050.D
 Acq: 23 Jun 2020 12:59

Tgt Ion: 78 Resp: 5708

