

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017054.D
 Acq On : 23 Jun 2020 14:35
 Operator : SY/MD
 Sample : L3067-15DL 25X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH2DL

Quant Time: Jun 24 06:18:59 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	178721	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	175132	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	82757	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44433	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.58	69	35311	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.12	63	74533	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	3.93	46	133683	48.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.80%
24) Chloroform-d	4.38	84	100683	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.06	65	59760	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.08	84	208329	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.10	67	61733	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.34	98	189431	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
45) trans-1,3-Dichloropropene-	7.64	79	23564	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
48) 2-Hexanone-d5	8.11	63	79543	36.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.70%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41576	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	75756	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

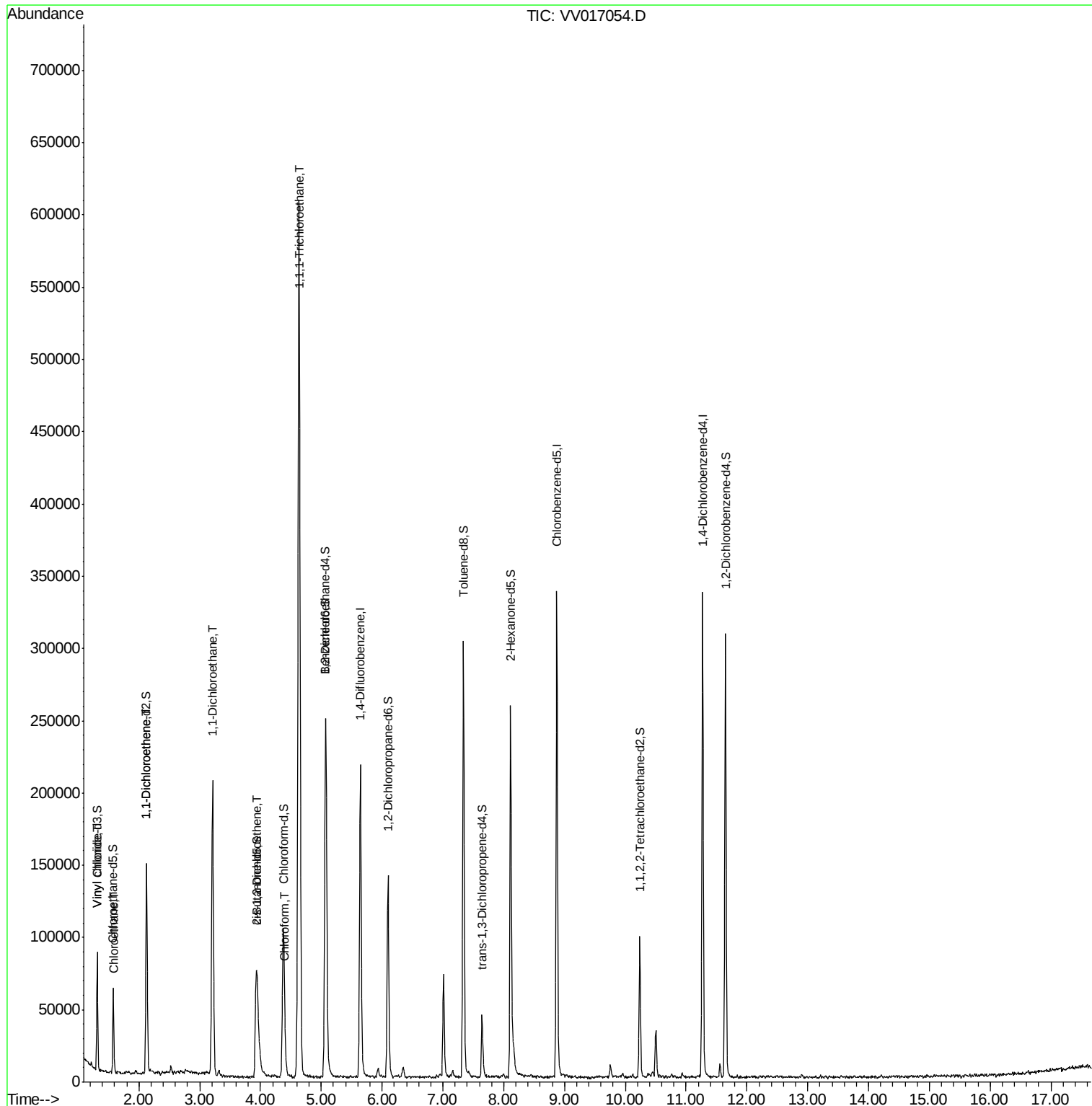
					Ovalue
5) Vinyl chloride	1.32	62	2700	0.230 ug/L #	63
8) Chloroethane	1.60	64	2190	0.338 ug/L	95
12) 1,1-Dichloroethene	2.13	96	9912	1.156 ug/L #	1
19) 1,1-Dichloroethane	3.21	63	199055	9.747 ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	6037	0.486 ug/L	75
25) Chloroform	4.41	83	10970	0.492 ug/L	94
29) 1,1,1-Trichloroethane	4.63	97	482870	23.014 ug/L	98

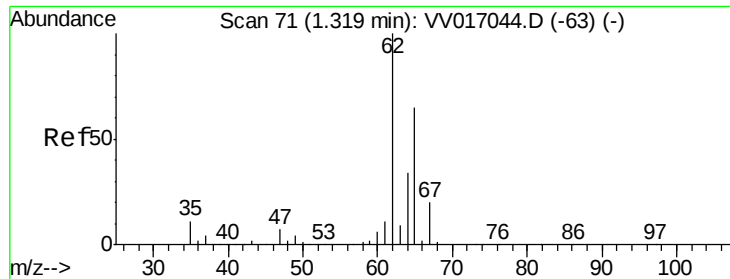
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
Data File : VV017054.D
Acq On : 23 Jun 2020 14:35
Operator : SY/MD
Sample : L3067-15DL 25X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXH2DL

Quant Time: Jun 24 06:18:59 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





#5

Vinyl chloride

Concen: 0.230 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017054.D

Acq: 23 Jun 2020 14:35

Instrument :

MSVOA_V

ClientSampleId :

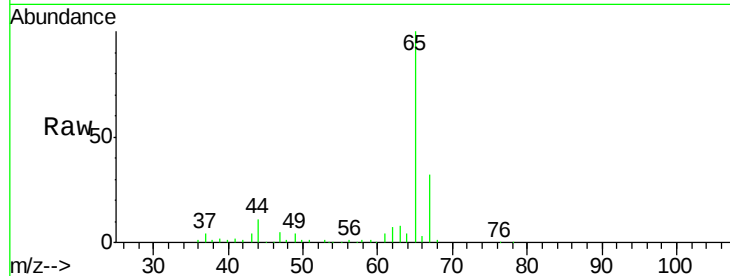
BFXH2DL

Tot Ion: 62 Resp: 2700

Ion Ratio Lower Upper

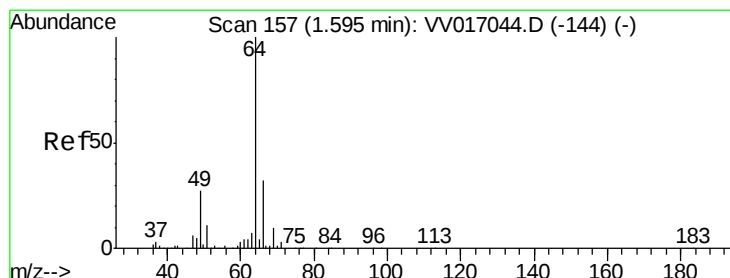
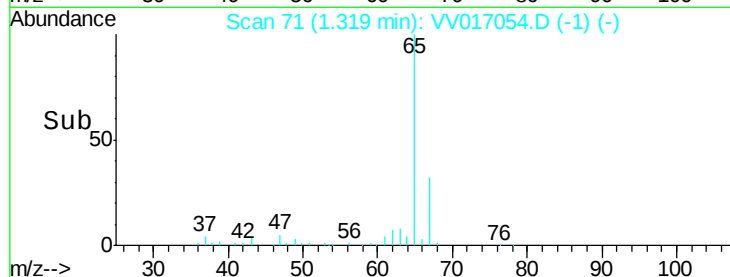
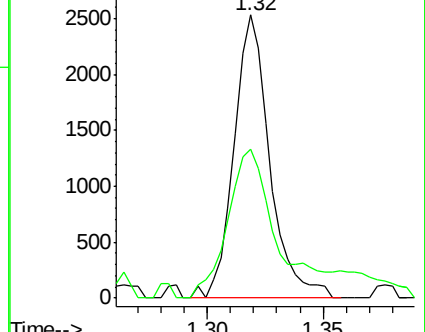
62 100

64 52.8 22.5 41.7#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 0.338 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV017054.D

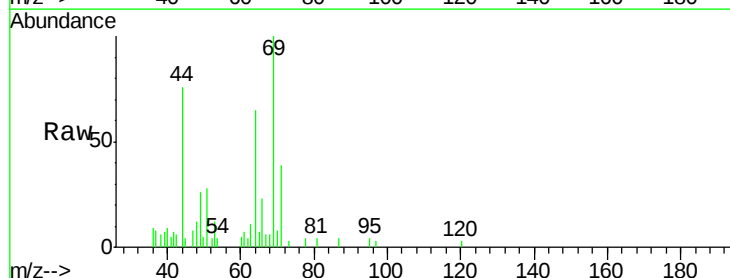
Acq: 23 Jun 2020 14:35

Tgt Ion: 64 Resp: 2190

Ion Ratio Lower Upper

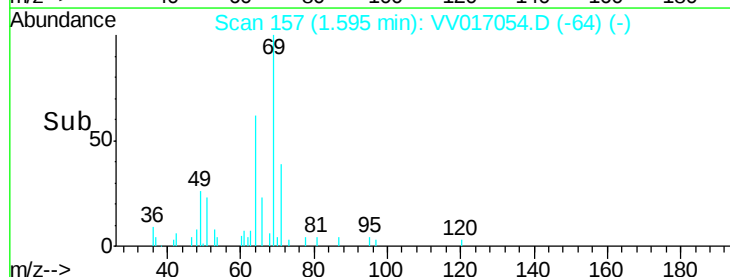
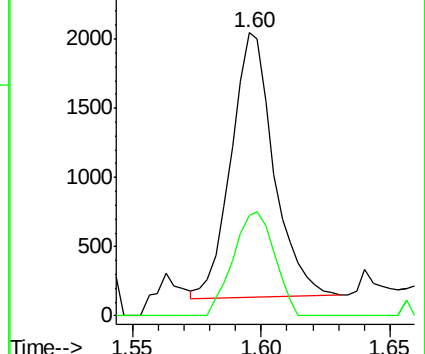
64 100

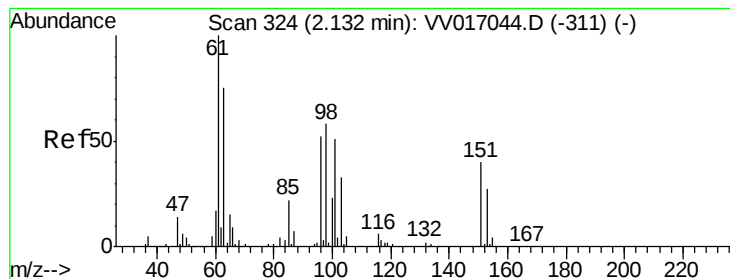
66 35.5 22.8 42.4



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#12

1,1-Dichloroethene

Concen: 1.156 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017054.D

Acq: 23 Jun 2020 14:35

Instrument :

MSVOA_V

ClientSampleId :

BFXH2DL

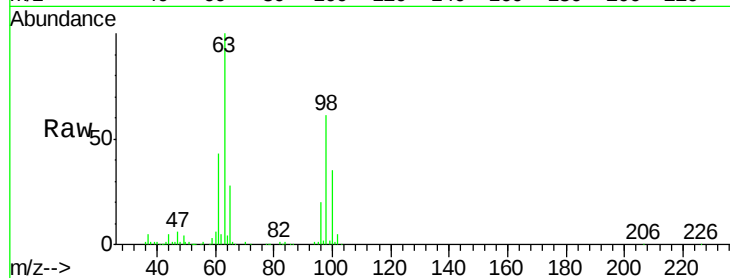
Tot Ion: 96 Resp: 9912

Ion Ratio Lower Upper

96 100

61 216.7 125.0 232.2

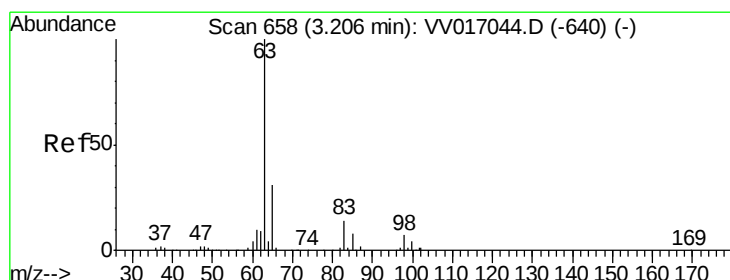
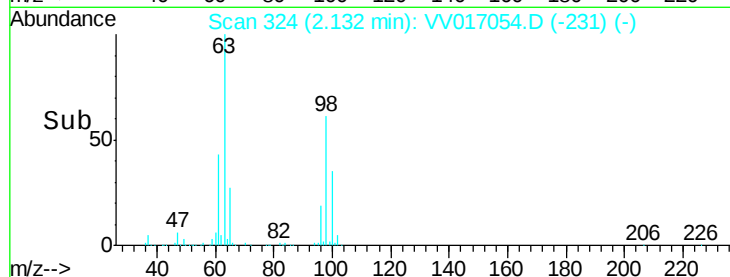
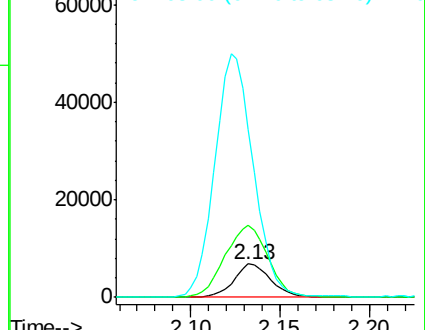
63 508.2 109.8 203.8#



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



#19

1,1-Dichloroethane

Concen: 9.747 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.01 min

Lab File: VV017054.D

Acq: 23 Jun 2020 14:35

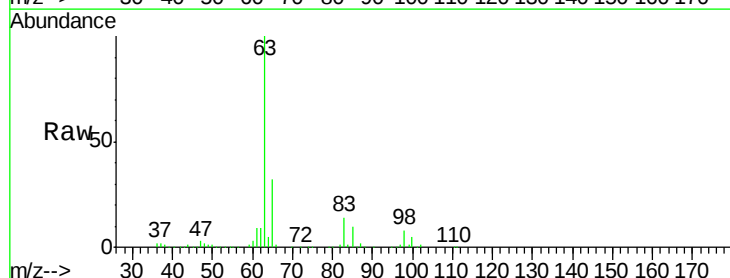
Tgt Ion: 63 Resp: 199055

Ion Ratio Lower Upper

63 100

65 32.2 21.8 40.4

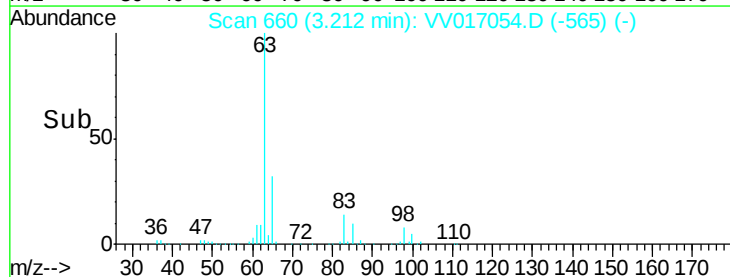
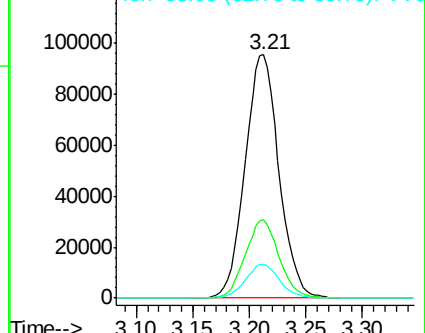
83 14.0 9.7 17.9

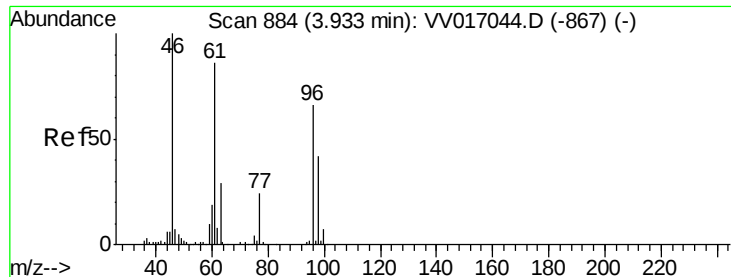


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0

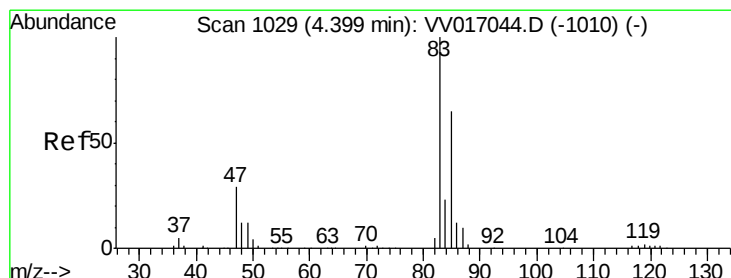
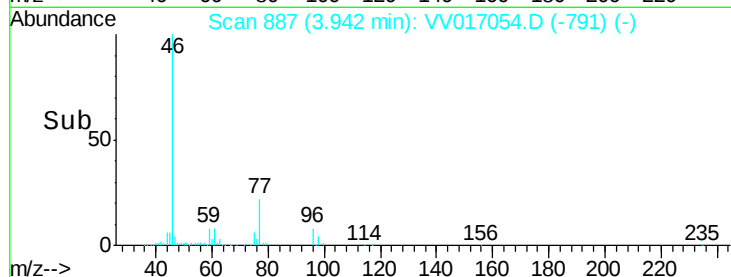
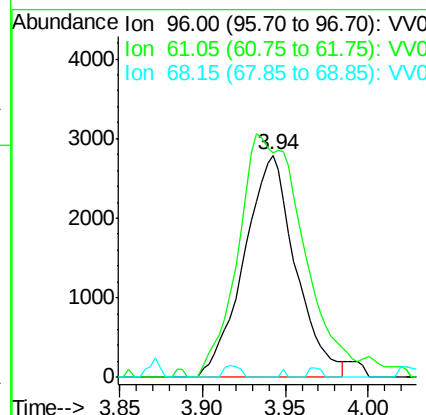
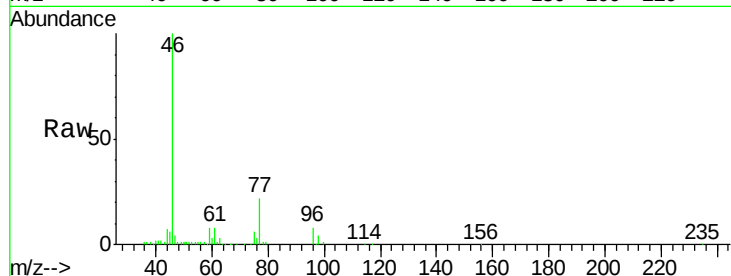




#22
 cis-1,2-Dichloroethene
 Concen: 0.486 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV017054.D
 Acq: 23 Jun 2020 14:35

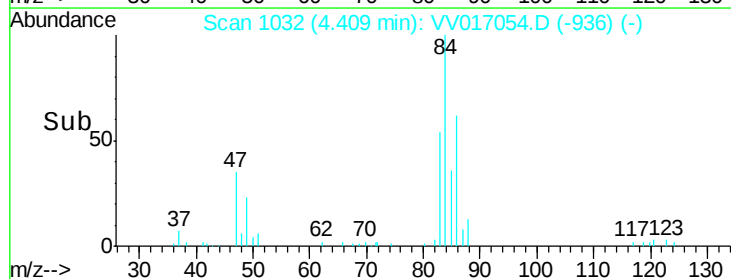
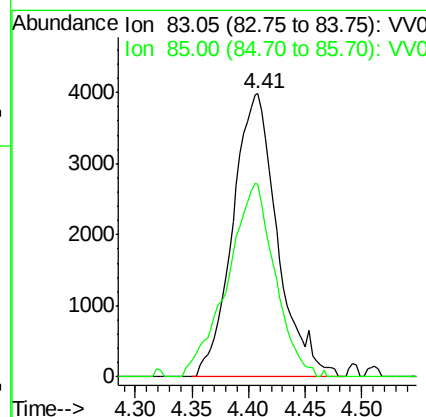
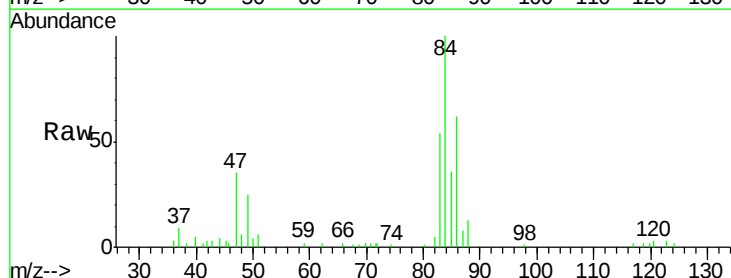
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH2DL

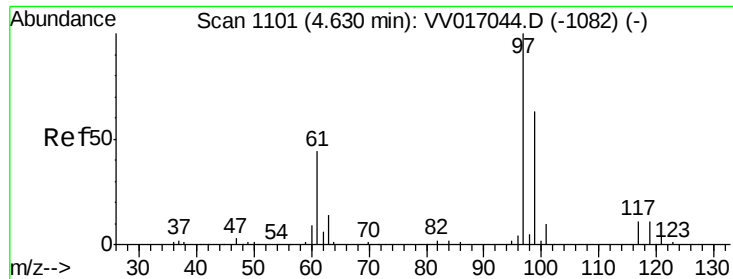
Tot Ion: 96 Resp: 6037
 Ion Ratio Lower Upper
 96 100
 61 100.9 91.0 169.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.492 ug/L
 RT: 4.41 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: VV017054.D
 Acq: 23 Jun 2020 14:35

Tgt Ion: 83 Resp: 10970
 Ion Ratio Lower Upper
 83 100
 85 67.9 44.2 82.2





#29

1,1,1-Trichloroethane

Concen: 23.014 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV017054.D

Acq: 23 Jun 2020 14:35

Instrument :

MSVOA_V

ClientSampleId :

BFXH2DL

Tot Ion: 97 Resp: 482870

Ion Ratio Lower Upper

97 100

99 65.1 50.3 75.5

61 44.6 36.0 54.0

