

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017035.D
 Acq On : 22 Jun 2020 22:33
 Operator : SY/MD
 Sample : L3067-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH4

Quant Time: Jun 23 04:59:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 04:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	182845	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	176858	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	83498	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45777	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	36225	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.13	63	70959	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	3.92	46	136688	48.87	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.74%
24) Chloroform-d	4.38	84	109788	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.06	65	58455	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.07	84	208346	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.09	67	62933	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.34	98	193166	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
45) trans-1,3-Dichloropropene-	7.65	79	24050	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
48) 2-Hexanone-d5	8.11	63	83947	38.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.02%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	43070	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	76736	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

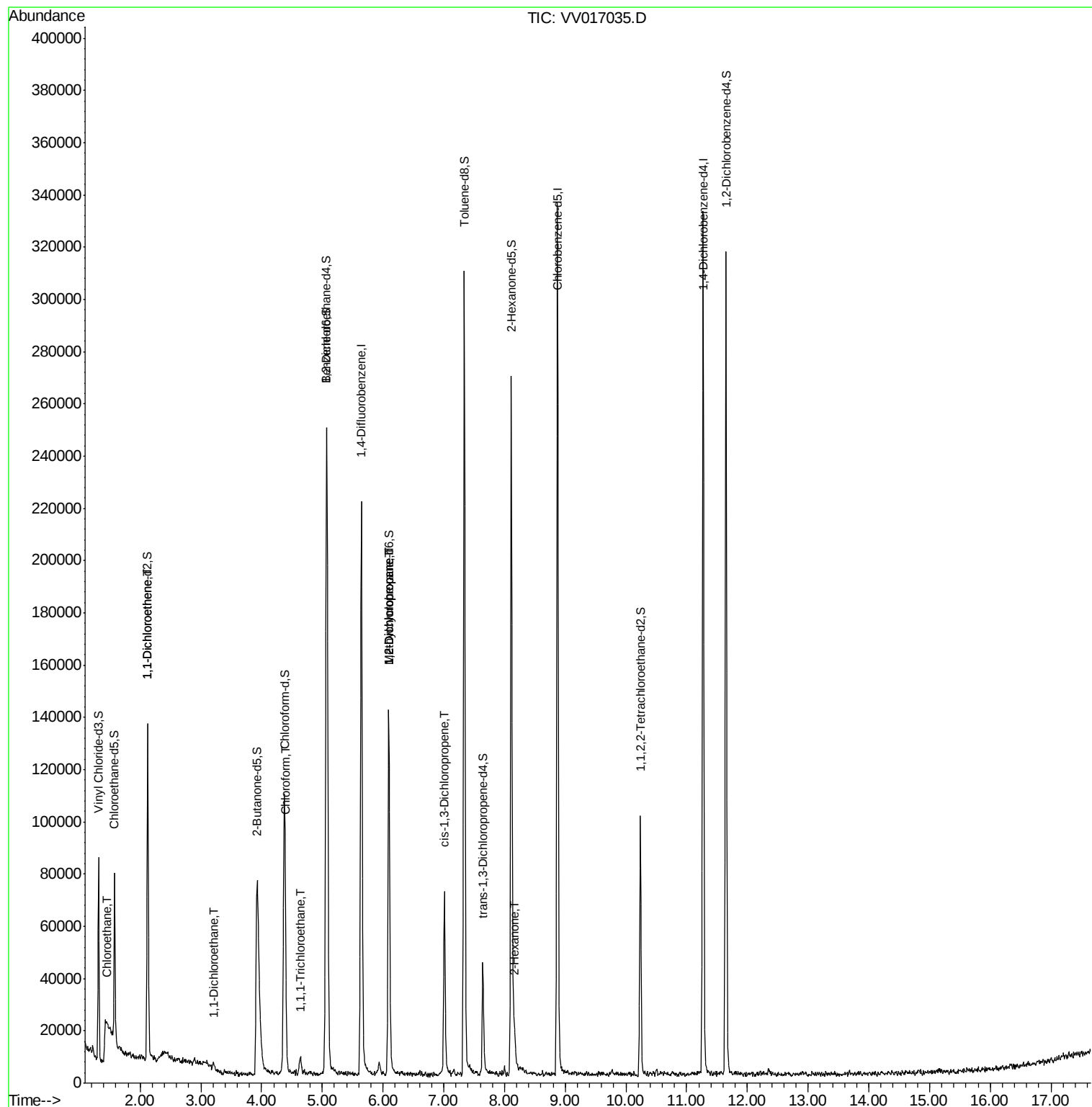
					Ovalue
8) Chloroethane	1.44	64	22427	3.382 ug/L #	53
12) 1,1-Dichloroethene	2.13	96	1439	0.164 ug/L #	1
19) 1,1-Dichloroethane	3.21	63	3508	0.168 ug/L #	89
25) Chloroform	4.40	83	2978	0.130 ug/L	97
29) 1,1,1-Trichloroethane	4.64	97	4782	0.226 ug/L	97
35) Methylcyclohexane	6.09	83	15855	0.752 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	8260	0.720 ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	2173	0.128 ug/L	85
50) 2-Hexanone	8.17	43	7912	1.679 ug/L #	71

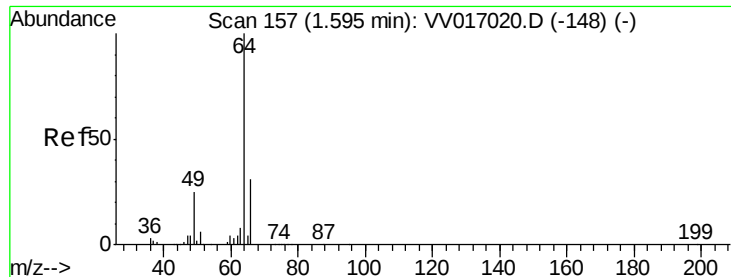
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 3.382 ug/L

RT: 1.44 min Scan# 110

Delta R.T. -0.15 min

Lab File: VV017035.D

Acq: 22 Jun 2020 22:33

Instrument :

MSVOA_V

ClientSampled :

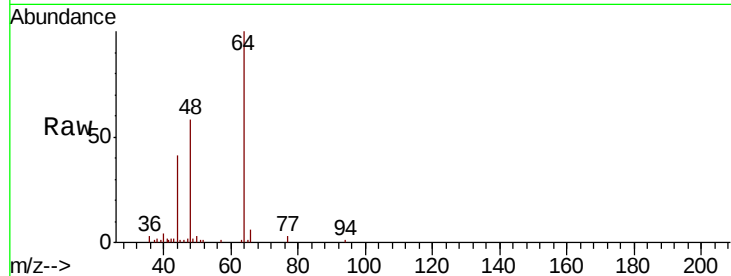
BFXH4

Tot Ion: 64 Resp: 22427

Ion Ratio Lower Upper

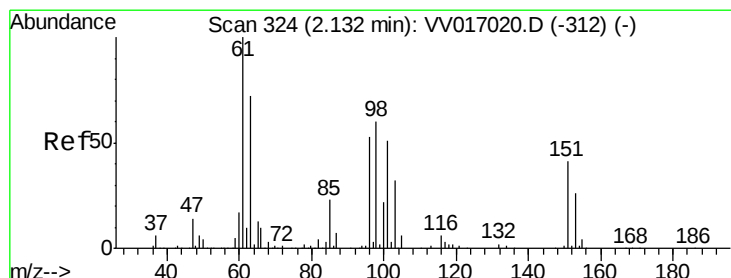
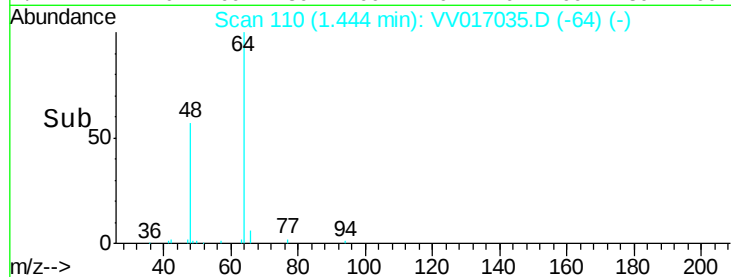
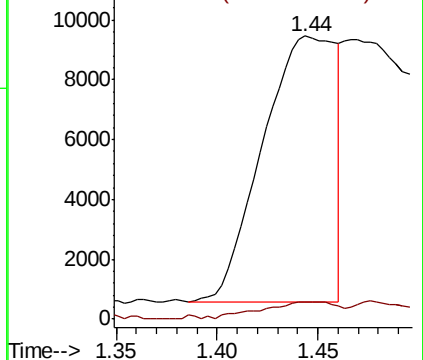
64 100

66 6.1 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: 0.164 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV017035.D

Acq: 22 Jun 2020 22:33

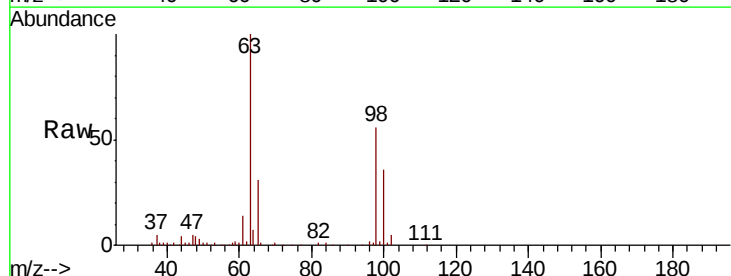
Tgt Ion: 96 Resp: 1439

Ion Ratio Lower Upper

96 100

61 582.0 125.0 232.2#

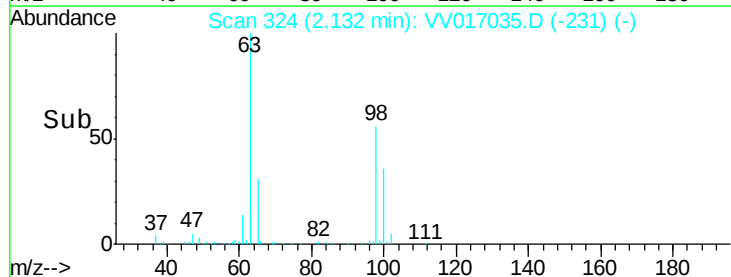
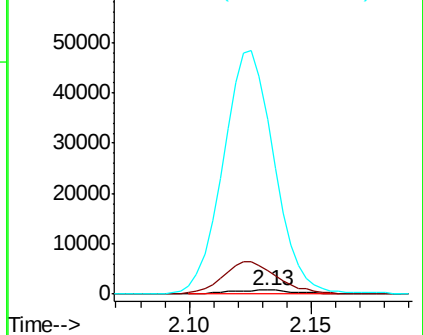
63 4269.0 109.8 203.8#

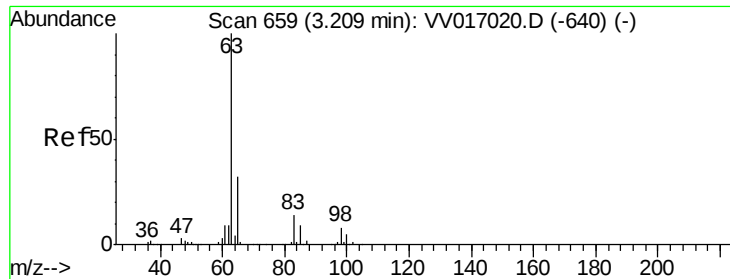


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

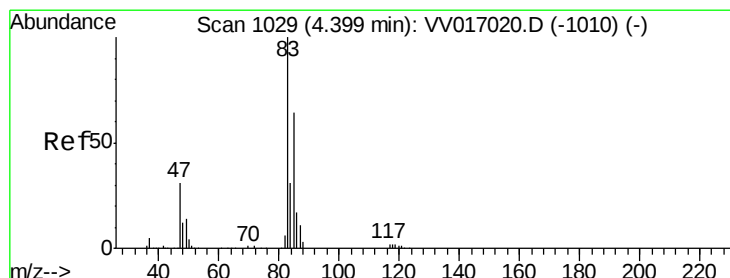
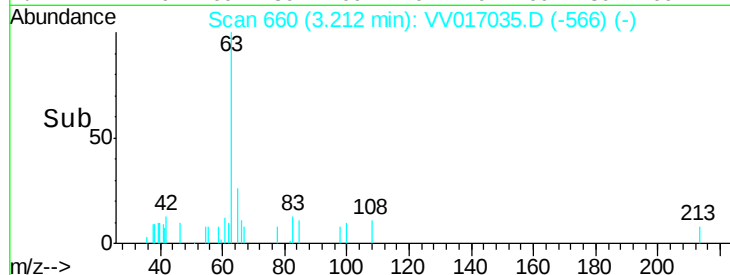
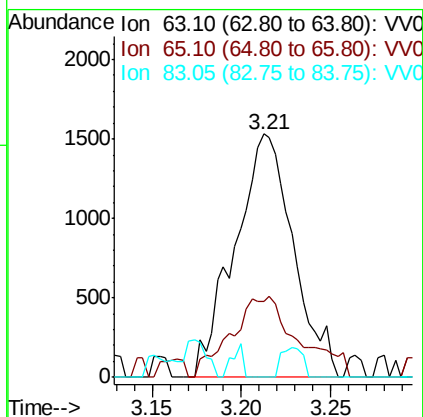
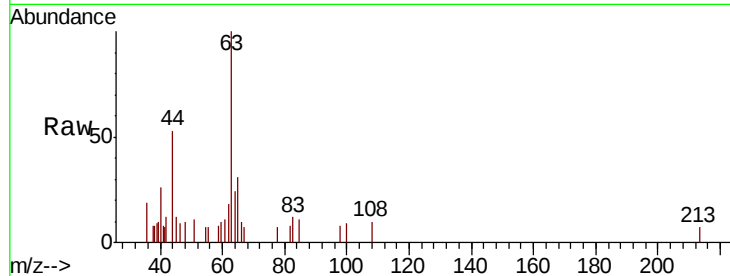




#19
 1,1-Dichloroethane
 Concen: 0.168 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV017035.D
 Acq: 22 Jun 2020 22:33

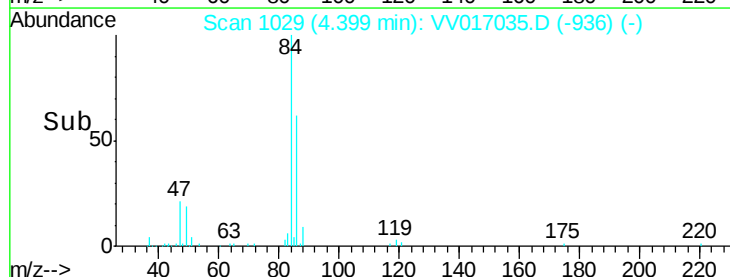
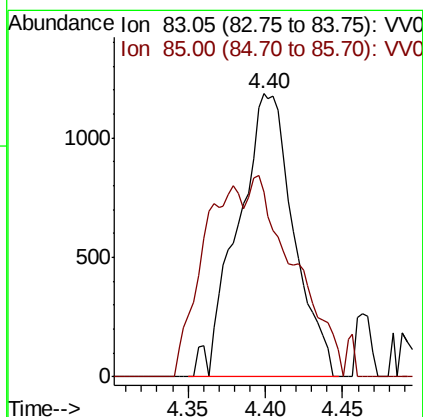
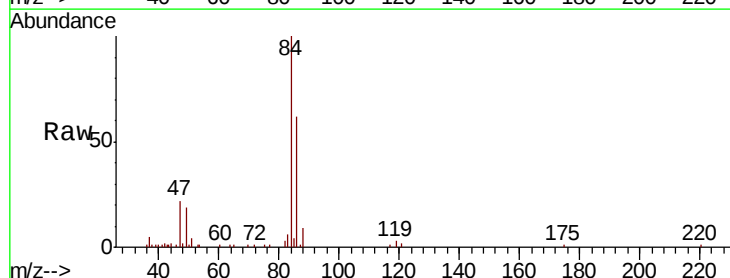
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH4

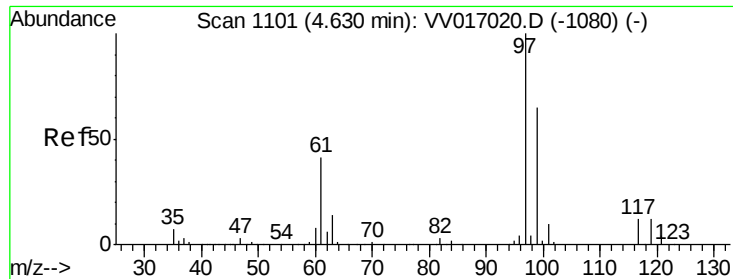
Tot Ion: 63 Resp: 3508
 Ion Ratio Lower Upper
 63 100
 65 31.4 21.8 40.4
 83 0.0 9.7 17.9#



#25
 Chloroform
 Concen: 0.130 ug/L
 RT: 4.40 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VV017035.D
 Acq: 22 Jun 2020 22:33

Tgt Ion: 83 Resp: 2978
 Ion Ratio Lower Upper
 83 100
 85 65.1 44.2 82.2

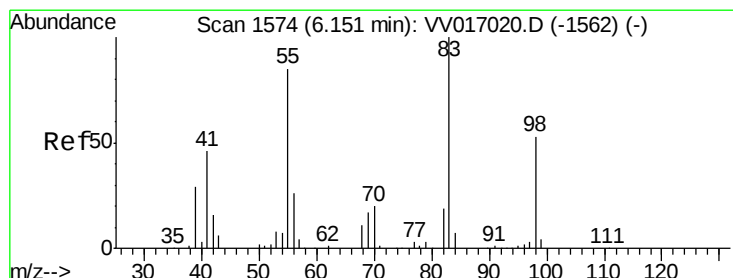
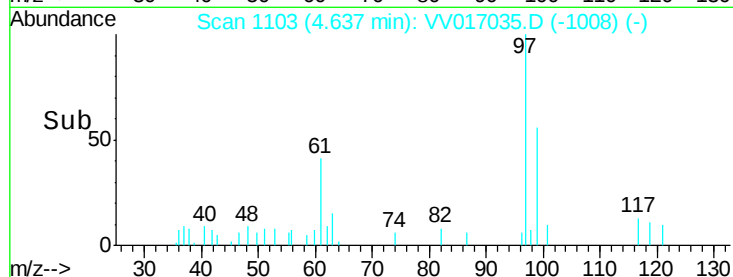
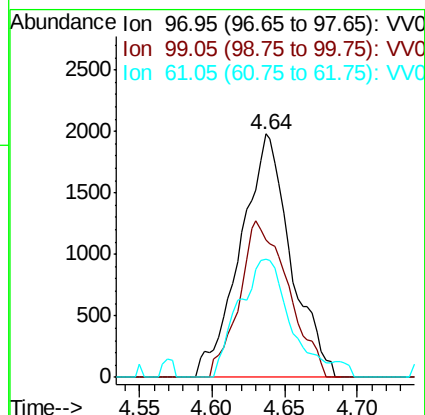
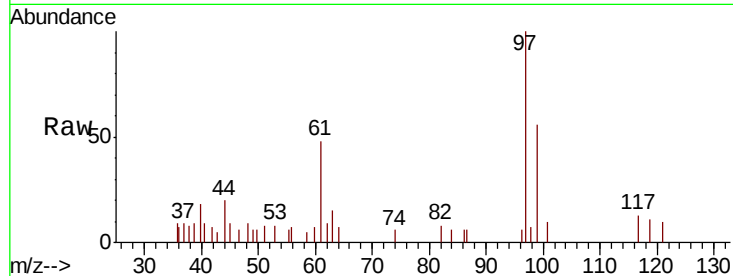




#29
 1,1,1-Trichloroethane
 Concen: 0.226 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VV017035.D
 Acq: 22 Jun 2020 22:33

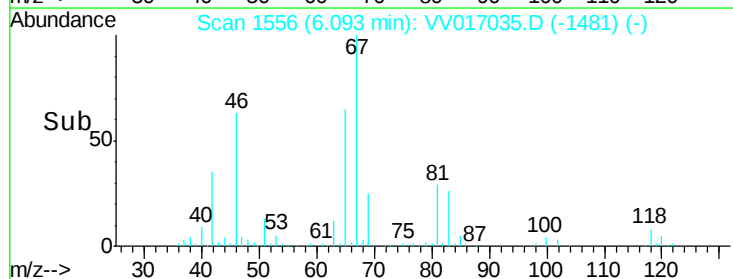
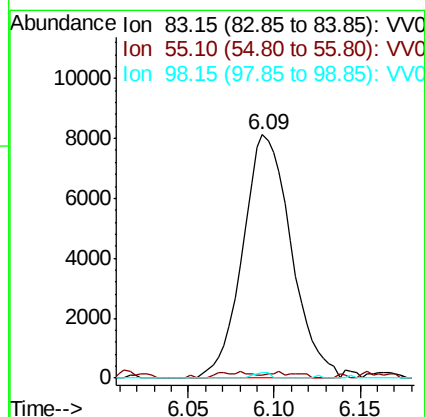
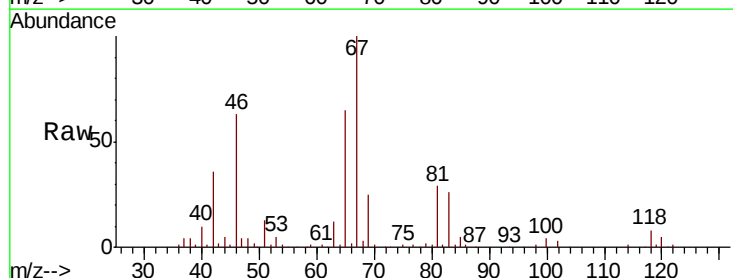
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH4

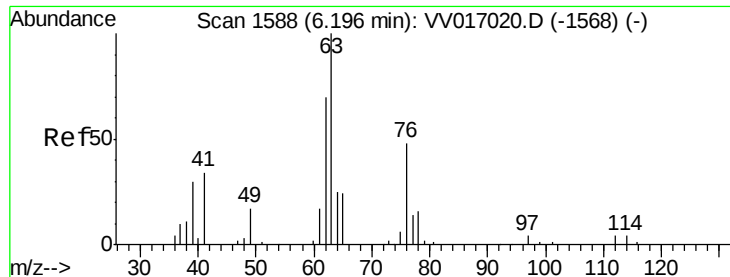
Tot Ion: 97 Resp: 4782
 Ion Ratio Lower Upper
 97 100
 99 62.3 50.3 75.5
 61 49.4 36.0 54.0



#35
 Methylcyclohexane
 Concen: 0.752 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV017035.D
 Acq: 22 Jun 2020 22:33

Tgt Ion: 83 Resp: 15855
 Ion Ratio Lower Upper
 83 100
 55 0.9 63.6 95.4#
 98 0.7 38.8 58.2#





#37

1,2-Dichloropropane

Concen: 0.720 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV017035.D

Acq: 22 Jun 2020 22:33

Instrument :

MSVOA_V

ClientSampleId :

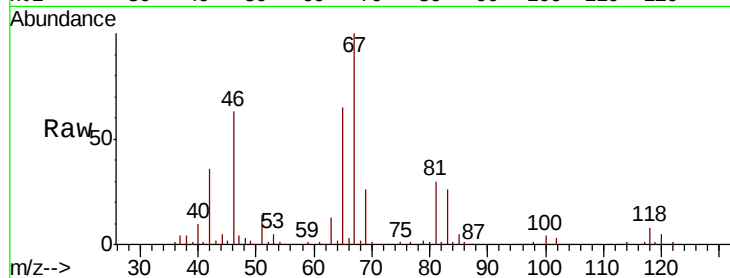
BFXH4

Tot Ion: 63 Resp: 8260

Ion Ratio Lower Upper

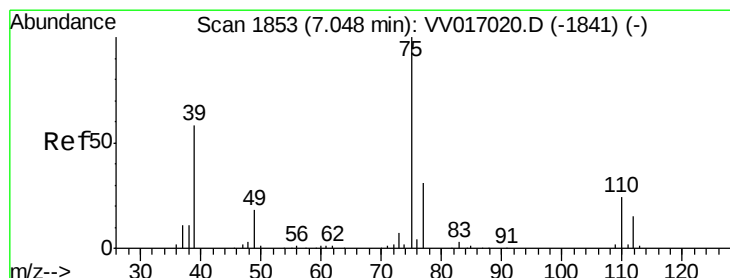
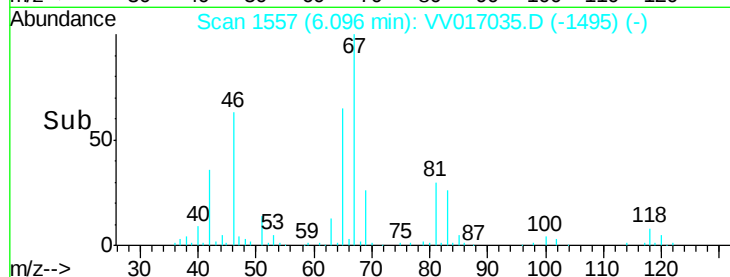
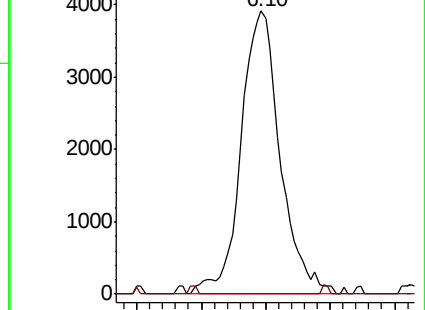
63 100

112 0.6 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV017020.D (-1568) (-)

Ion 112.10 (111.80 to 112.80): VV017020.D (-1568) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 7.01 min Scan# 1842

Delta R.T. -0.04 min

Lab File: VV017035.D

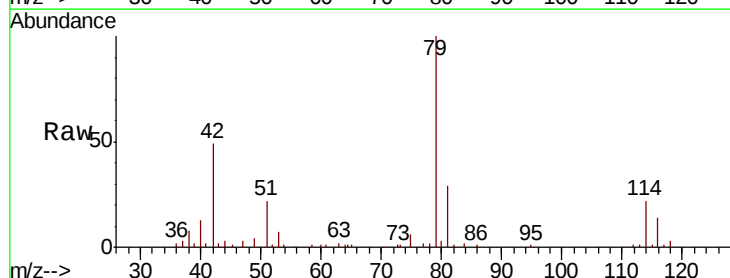
Acq: 22 Jun 2020 22:33

Tgt Ion: 75 Resp: 2173

Ion Ratio Lower Upper

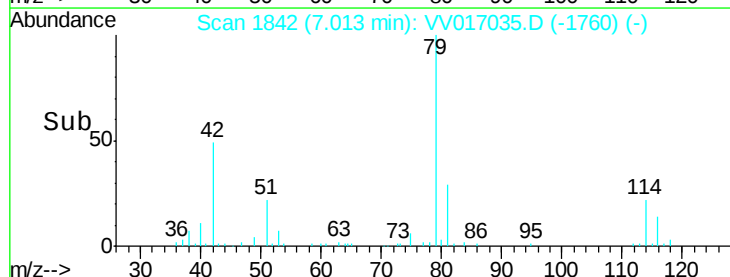
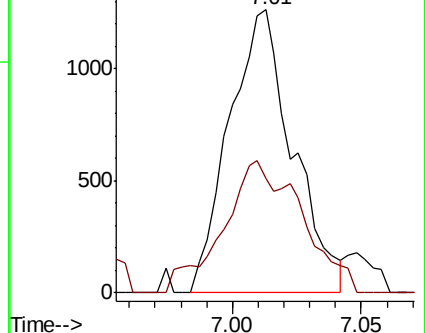
75 100

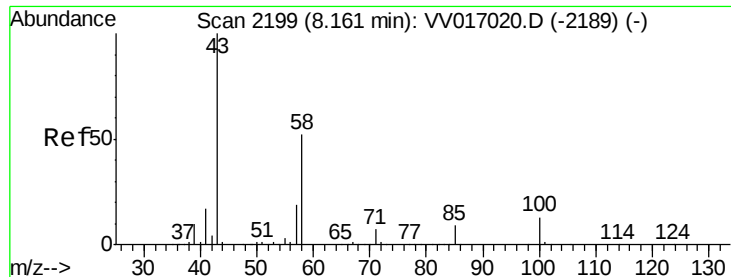
77 40.4 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VV017020.D (-1841) (-)

Ion 77.05 (76.75 to 77.75): VV017020.D (-1841) (-)





#50

2-Hexanone

Concen: 1.679 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017035.D

Acq: 22 Jun 2020 22:33

Instrument :

MSVOA_V

ClientSampleId :

BFXH4

Tot Ion: 43 Resp: 7912

Ion Ratio Lower Upper

43 100

58 27.2 41.6 62.4#

57 8.5 15.4 23.0#

100 7.8 10.1 15.1#

