

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017023.D
 Acq On : 22 Jun 2020 17:46
 Operator : SY/MD
 Sample : L3067-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXF9

Quant Time: Jun 23 04:56:06 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	193241	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	184278	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	88784	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64763	5.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.60%
7) Chloroethane-d5	1.58	69	50570	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.00%
11) 1,1-Dichloroethene-d2	2.12	63	93529	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	3.93	46	163951	55.47	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.94%
24) Chloroform-d	4.38	84	135390	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.06	65	75153	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.20%
32) Benzene-d6	5.07	84	260221	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	6.09	67	77164	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.34	98	234831	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
45) trans-1,3-Dichloropropene-	7.64	79	24524	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
48) 2-Hexanone-d5	8.11	63	101349	44.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.24%
59) 1,1,1,2,2-Tetrachloroethane-	10.24	84	49572	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	89986	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

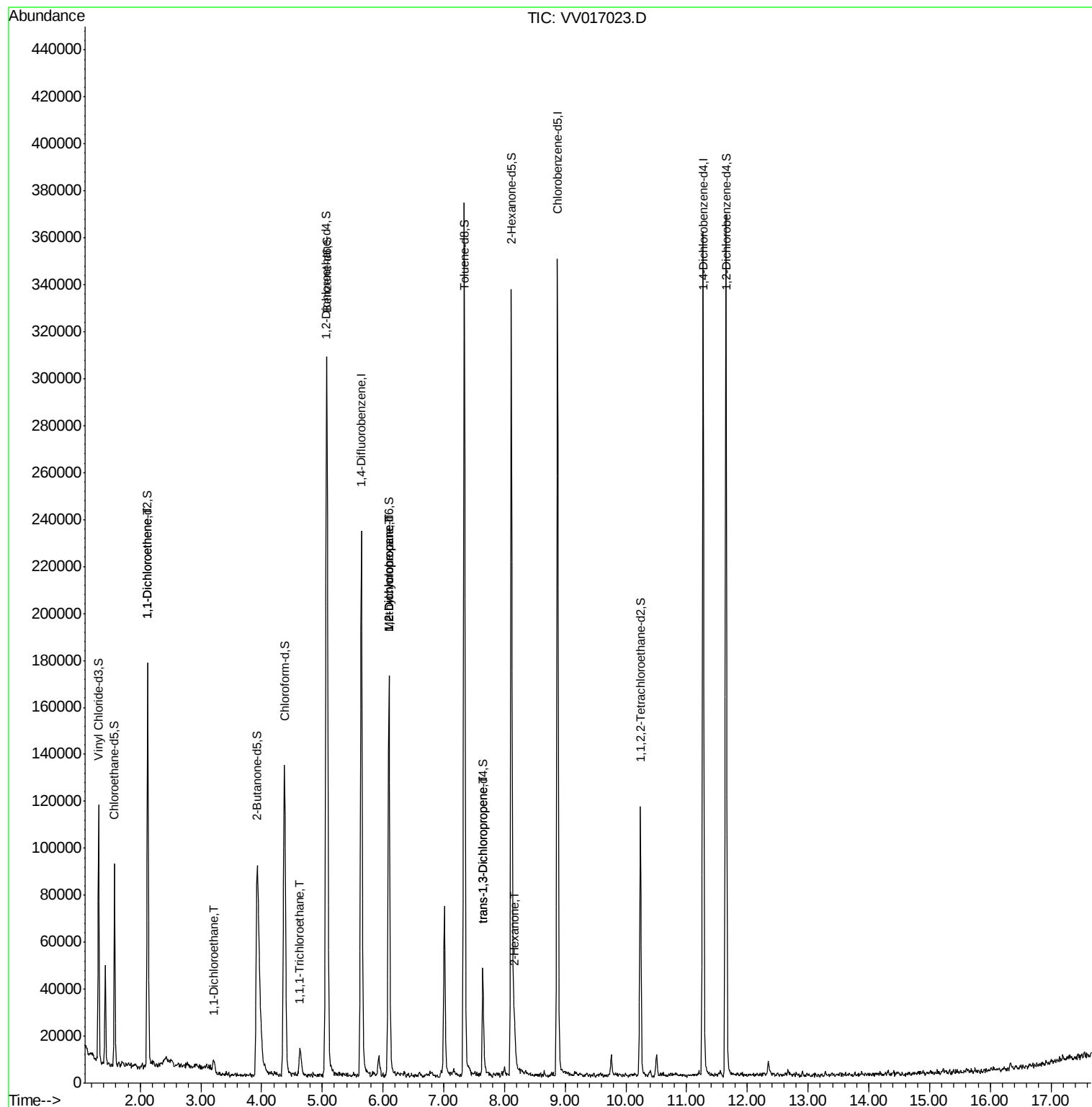
					Ovalue
12) 1,1-Dichloroethene	2.14	96	2201	0.237 ug/L #	1
19) 1,1-Dichloroethane	3.21	63	4887	0.221 ug/L #	80
29) 1,1,1-Trichloroethane	4.63	97	8648	0.392 ug/L	94
35) Methylcyclohexane	6.10	83	19460	0.886 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	9233	0.773 ug/L #	85
46) trans-1,3-Dichloropropene	7.64	75	1358	0.088 ug/L	99
50) 2-Hexanone	8.17	43	11229	2.288 ug/L #	96

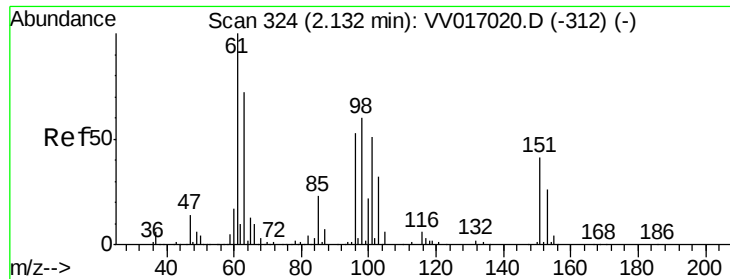
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 04:53:49 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.237 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV017023.D

Acq: 22 Jun 2020 17:46

Instrument :

MSVOA_V

ClientSampleId :

BFXF9

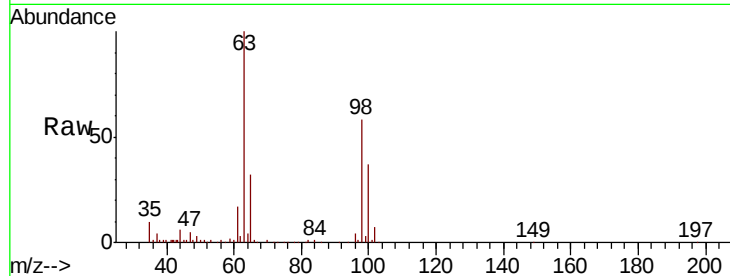
Tot Ion: 96 Resp: 2201

Ion Ratio Lower Upper

96 100

61 494.3 125.0 232.2#

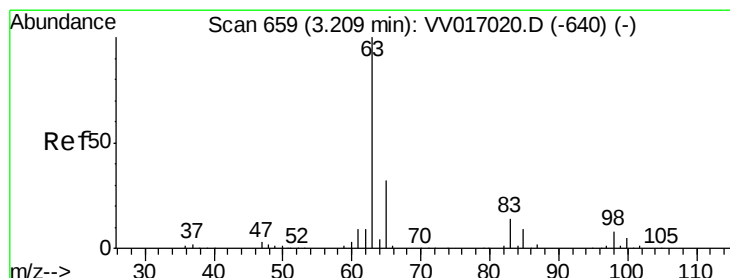
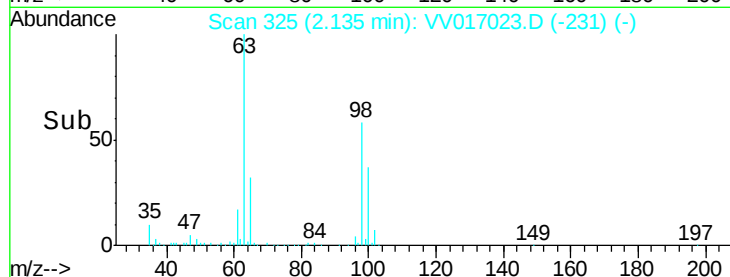
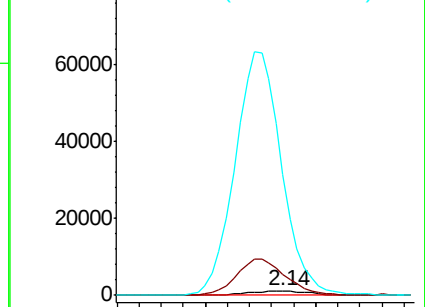
63 2829.1 109.8 203.8#



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: 0.221 ug/L

RT: 3.21 min Scan# 658

Delta R.T. -0.00 min

Lab File: VV017023.D

Acq: 22 Jun 2020 17:46

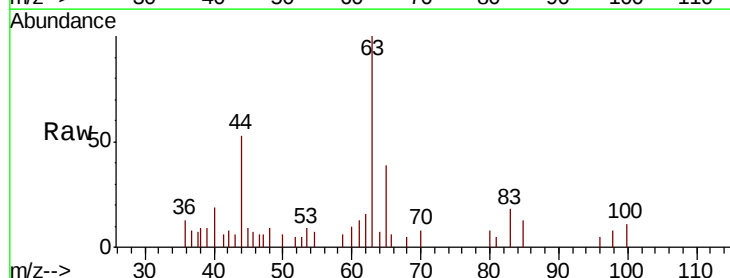
Tgt Ion: 63 Resp: 4887

Ion Ratio Lower Upper

63 100

65 44.1 21.8 40.4#

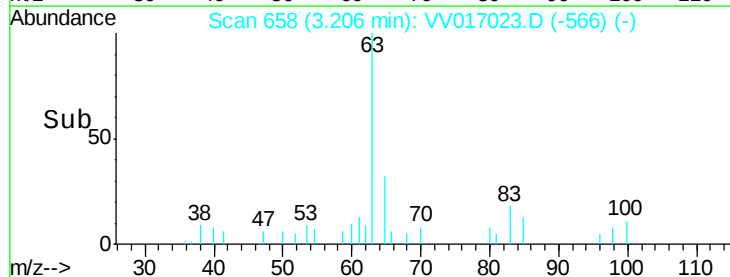
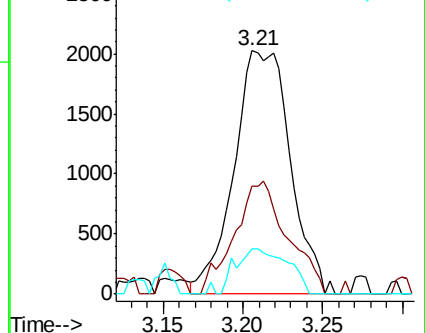
83 18.4 9.7 17.9#

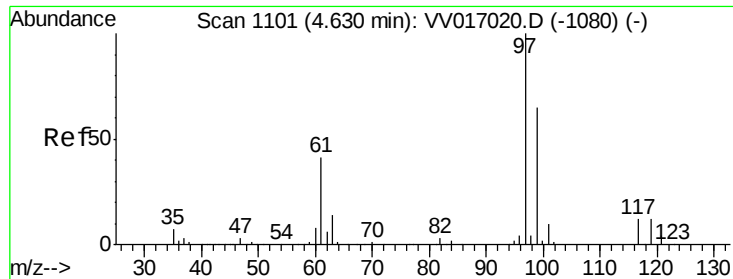


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0

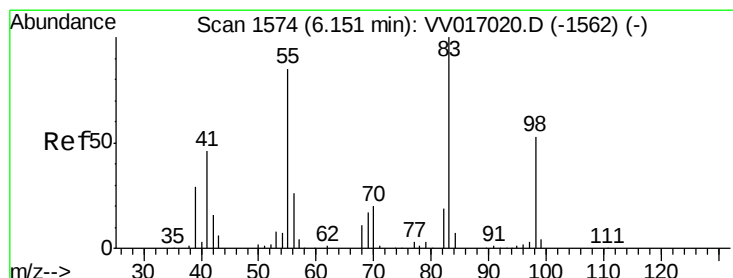
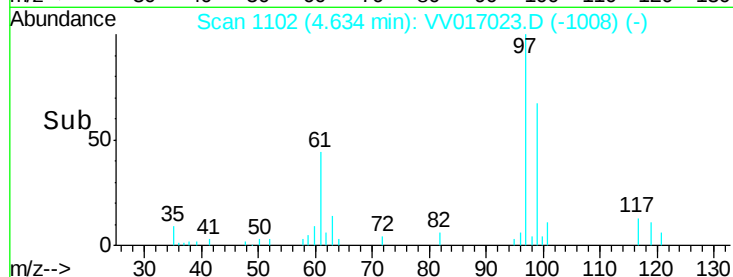
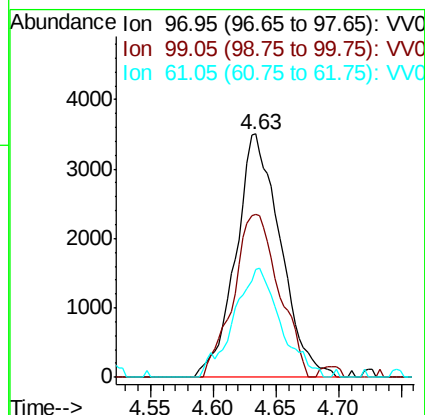
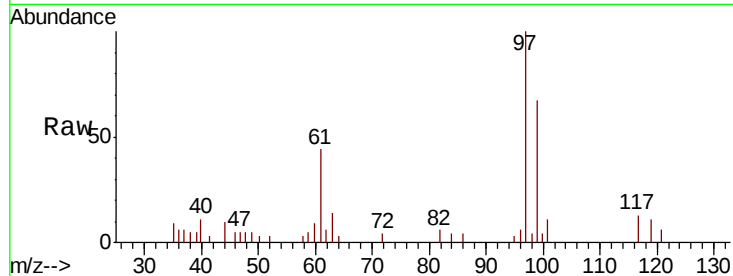




#29
 1,1,1-Trichloroethane
 Concen: 0.392 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV017023.D
 Acq: 22 Jun 2020 17:46

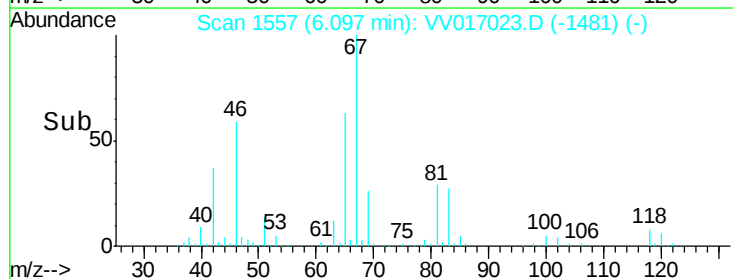
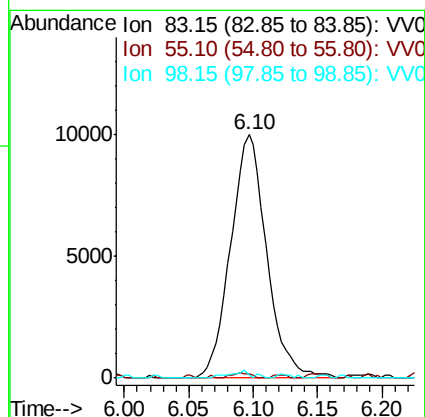
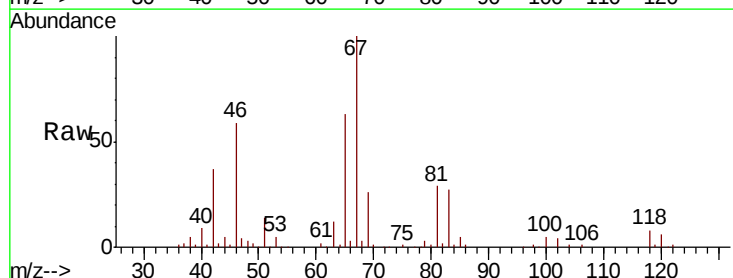
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 MSVOA_V
 ClientSampleId :
 BFXF9

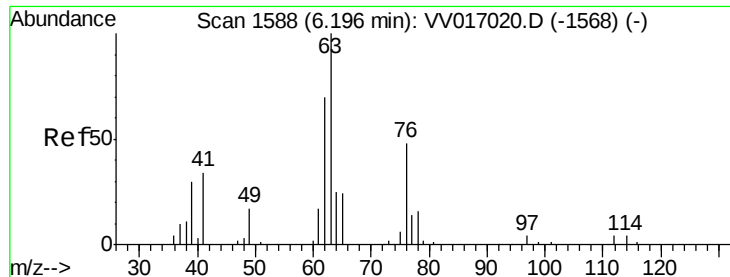
Tot Ion: 97 Resp: 8648
 Ion Ratio Lower Upper
 97 100
 99 68.5 50.3 75.5
 61 47.1 36.0 54.0



#35
 Methylcyclohexane
 Concen: 0.886 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV017023.D
 Acq: 22 Jun 2020 17:46

Tgt Ion: 83 Resp: 19460
 Ion Ratio Lower Upper
 83 100
 55 1.2 63.6 95.4#
 98 1.5 38.8 58.2#

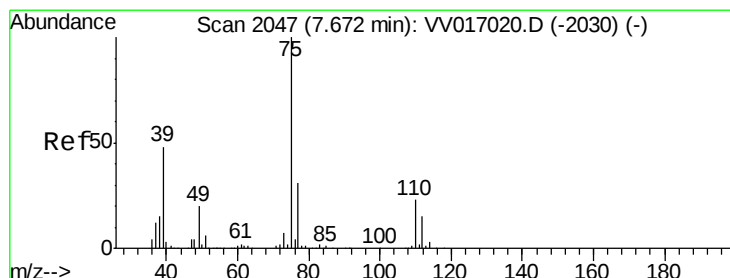
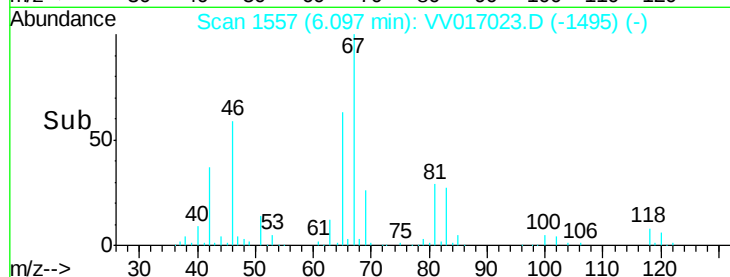
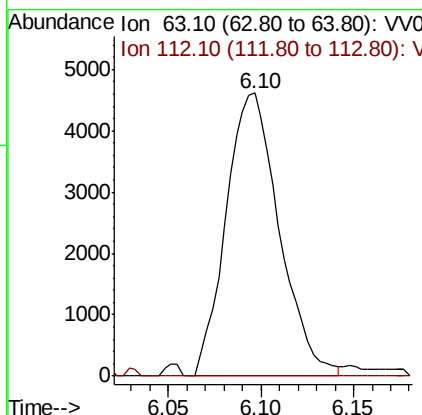
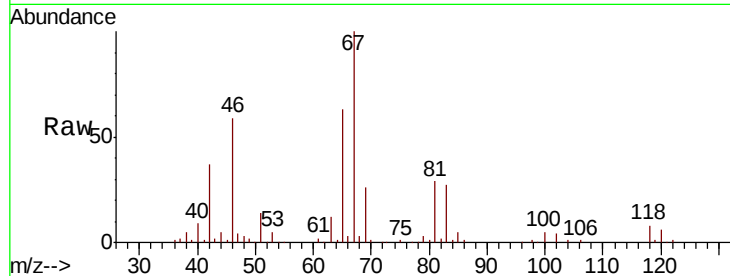




#37
 1,2-Dichloropropane
 Concen: 0.773 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017023.D
 Acq: 22 Jun 2020 17:46

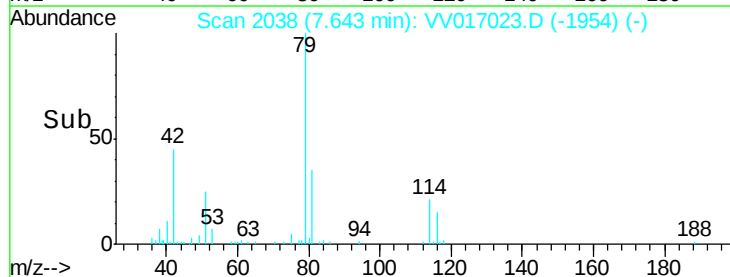
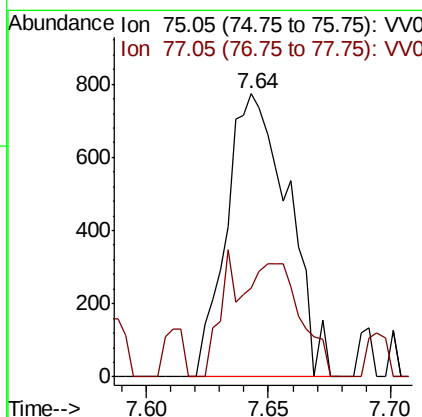
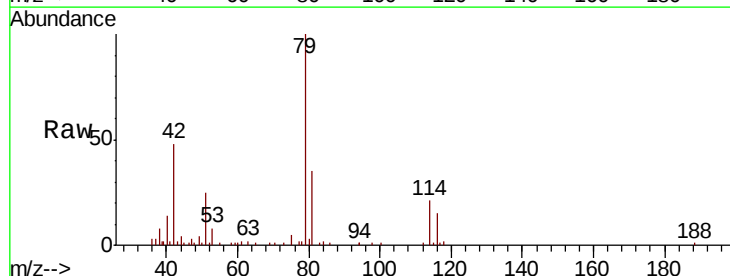
Instrument :
 MSVOA_V
 ClientSampled :
 BFXF9

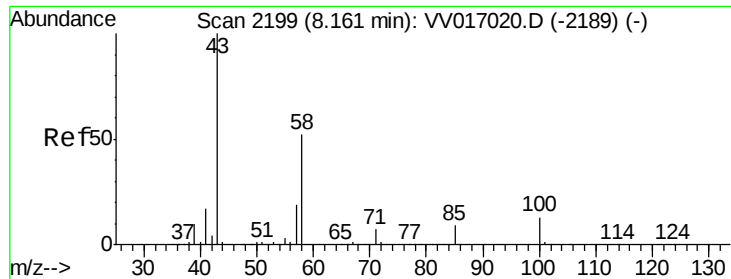
Tot Ion: 63 Resp: 9233
 Ion Ratio Lower Upper
 63 100
 112 0.5 4.4 6.6#



#46
 trans-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV017023.D
 Acq: 22 Jun 2020 17:46

Tgt Ion: 75 Resp: 1358
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.3 41.3





#50

2-Hexanone

Concen: 2.288 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017023.D

Acq: 22 Jun 2020 17:46

Instrument :
MSVOA_V
ClientSampleId :
BFXF9

Tot Ion: 43 Resp: 11229

Ion Ratio Lower Upper

43 100

58 54.3 41.6 62.4

57 21.2 15.4 23.0

100 9.9 10.1 15.1#

