

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071320\
 Data File : VV017463.D
 Acq On : 13 Jul 2020 12:31
 Operator : SY/MD
 Sample : L3270-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 14 05:16:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 14 05:08:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	186554	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	175971	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	84095	50.00	ug/L	0.00

System Monitoring Compounds

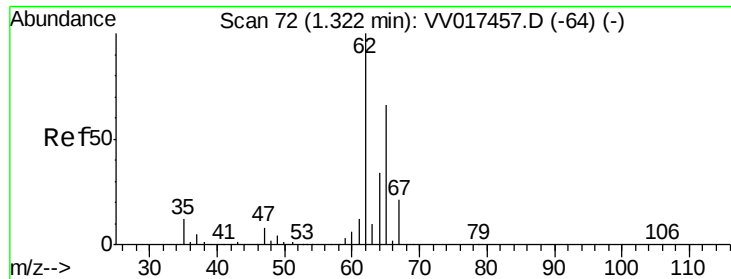
4) Vinyl Chloride-d3	1.32	65	76372	78.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	157.28%#
7) Chloroethane-d5	1.58	69	58600	85.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	171.78%#
11) 1,1-Dichloroethene-d2	2.12	63	124958	56.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.64%
21) 2-Butanone-d5	3.91	46	96517	145.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	145.50%#
24) Chloroform-d	4.38	84	165133	73.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	147.02%#
26) 1,2-Dichloroethane-d4	5.06	65	121718	78.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	157.88%#
32) Benzene-d6	5.08	84	296116	77.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	155.80%#
36) 1,2-Dichloropropane-d6	6.09	67	83887	76.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	153.26%#
41) Toluene-d8	7.34	98	278138	76.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	152.22%#
43) trans-1,3-Dichloropropene-	7.64	79	49874	78.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	156.56%#
47) 2-Hexanone-d5	8.11	63	64421	143.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	143.40%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	103809	67.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	135.08%#
64) 1,2-Dichlorobenzene-d4	11.65	152	115413	82.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	164.16%#

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	1248	0.875 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1139	0.919 ug/L #	18
12) 1,1-Dichloroethene	2.12	96	1006	0.898 ug/L #	1
13) Acetone	2.19	43	3004	3.327 ug/L	52
19) 1,1-Dichloroethane	3.22	63	12554	5.603 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	196070	150.178 ug/L	99
25) Chloroform	4.40	83	3380	1.344 ug/L	94
27) 1,2-Dichloroethane	5.17	62	1694	0.766 ug/L #	77
34) Trichloroethene	5.94	95	3722	2.695 ug/L	95
39) cis-1,3-Dichloropropene	7.01	75	3429	1.769 ug/L #	81
44) trans-1,3-Dichloropropene	7.64	75	2333	1.163 ug/L #	71
46) Tetrachloroethene	8.00	164	12160	10.486 ug/L	86
48) 2-Hexanone	8.16	43	5483	4.305 ug/L #	55

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV071320\
Data File : VV017463.D
Acq On : 13 Jul 2020 12:31
Operator : SY/MD
Sample : L3270-17
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1



#5

Vinyl chloride

Concen: 0.875 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV017463.D

Acq: 13 Jul 2020 12:31

Instrument :

MSVOA_V

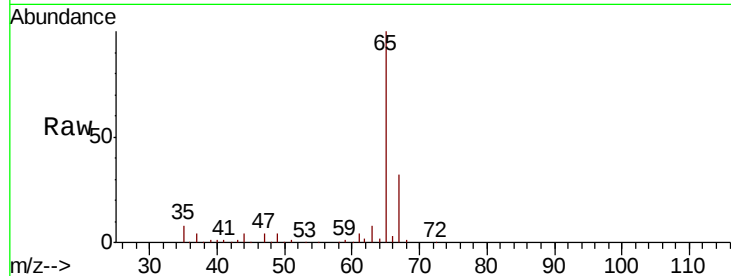
ClientSampleId :

Tot Ion: 62 Resp: 1248

Ion Ratio Lower Upper

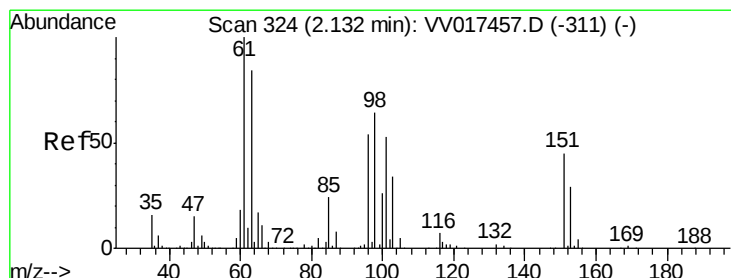
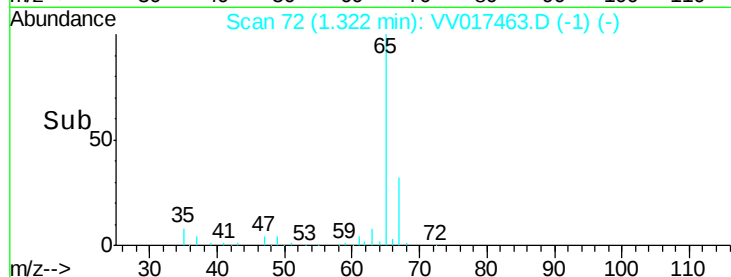
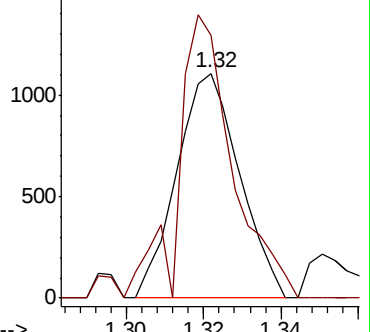
62 100

64 117.2 24.1 44.7#



Abundance Ion 62.00 (61.70 to 62.70): VV017457.D (-64) (-)

Ion 64.00 (63.70 to 64.70): VV017457.D (-64) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.919 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017463.D

Acq: 13 Jul 2020 12:31

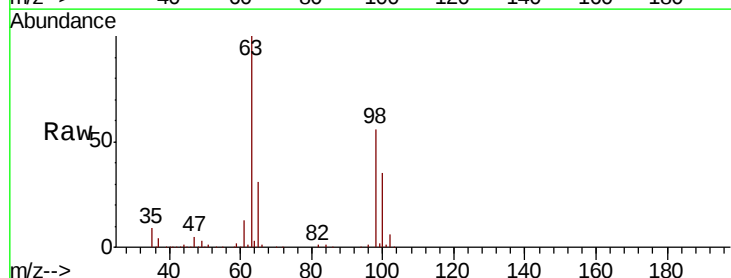
Tgt Ion:101 Resp: 1139

Ion Ratio Lower Upper

101 100

85 3.5 36.2 54.4#

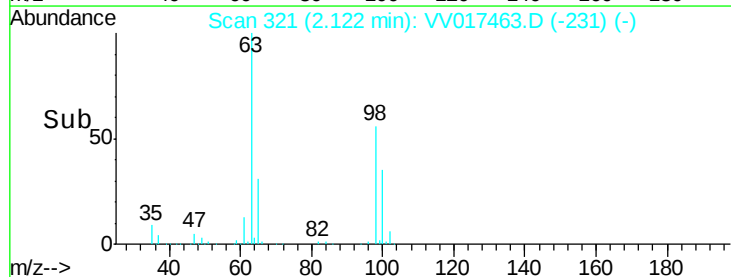
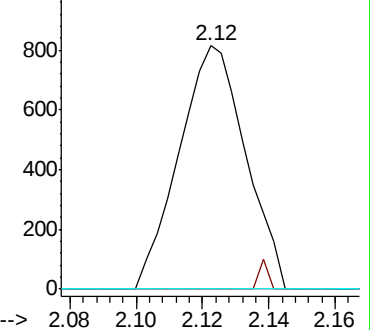
151 0.0 66.8 100.2#

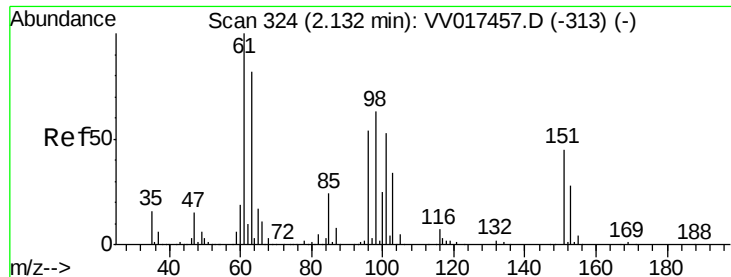


Abundance Ion 101.00 (100.70 to 101.70): VV017457.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV017457.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV017457.D (-311) (-)





#12

1,1-Dichloroethene

Concen: 0.898 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017463.D

Acq: 13 Jul 2020 12:31

Instrument :
MSVOA_V
ClientSampled :

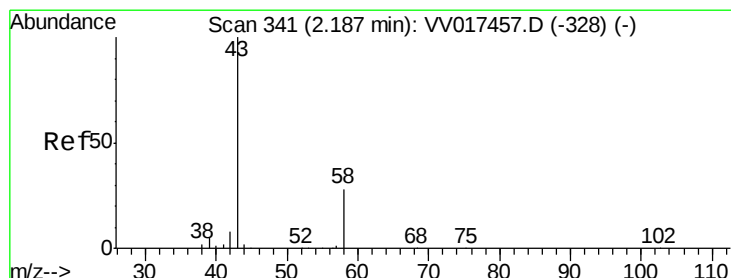
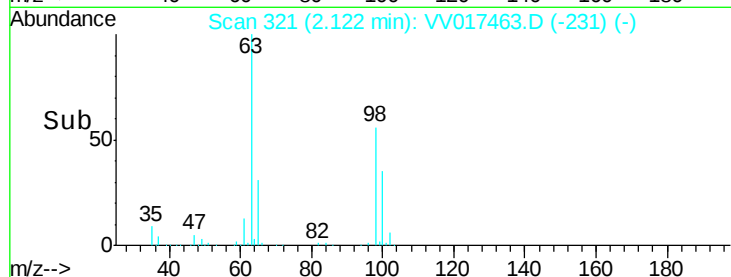
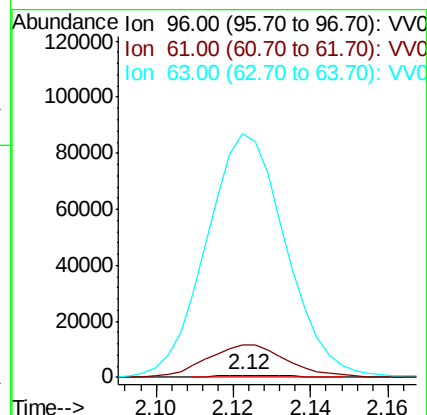
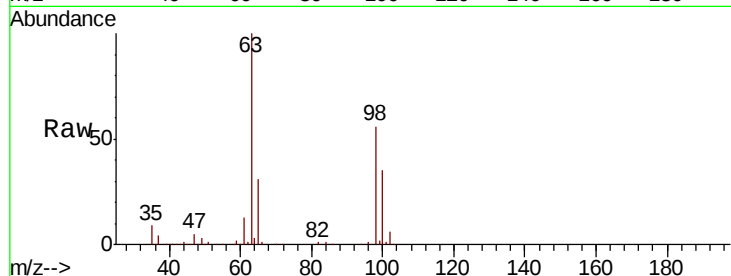
Tot Ion: 96 Resp: 1006

Ion Ratio Lower Upper

96 100

61 1600.4 132.7 246.4#

63 11890.6 103.3 191.8#



#13

Acetone

Concen: 3.327 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017463.D

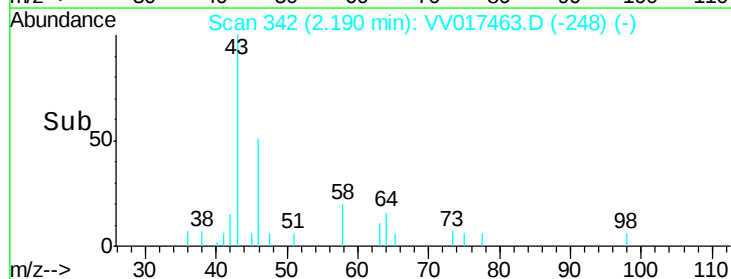
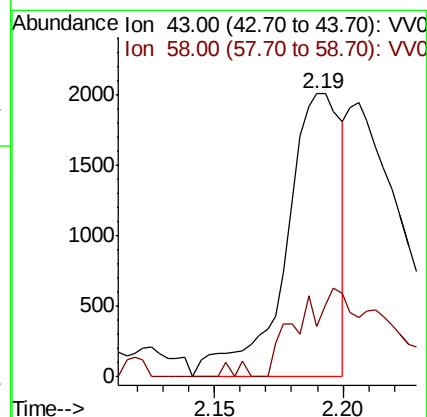
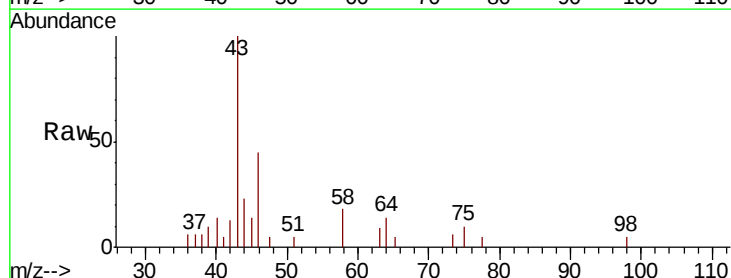
Acq: 13 Jul 2020 12:31

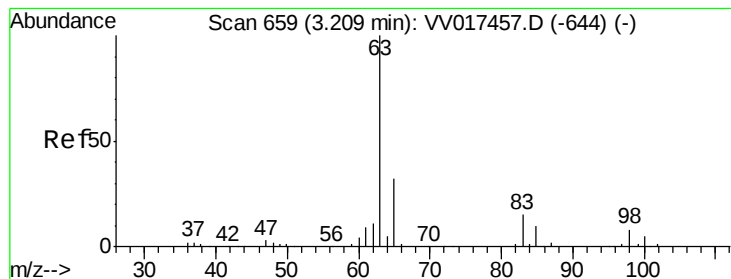
Tgt Ion: 43 Resp: 3004

Ion Ratio Lower Upper

43 100

58 2.5 0.0 56.0





#19

1,1-Dichloroethane

Concen: 5.603 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.01 min

Lab File: VV017463.D

Acq: 13 Jul 2020 12:31

Instrument :

MSVOA_V

ClientSampleId :

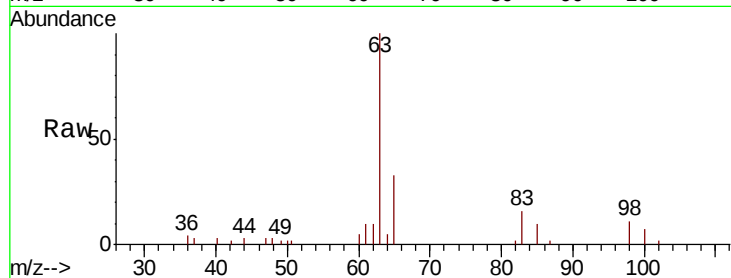
Tot Ion: 63 Resp: 12554

Ion Ratio Lower Upper

63 100

65 33.1 22.1 41.1

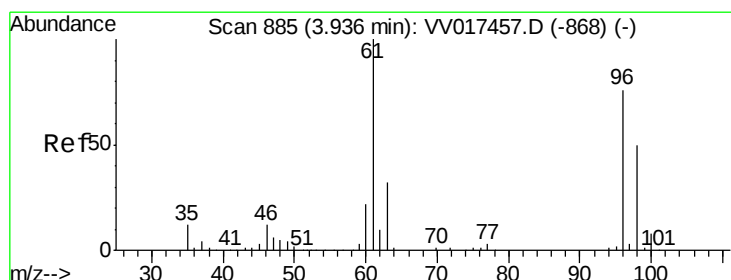
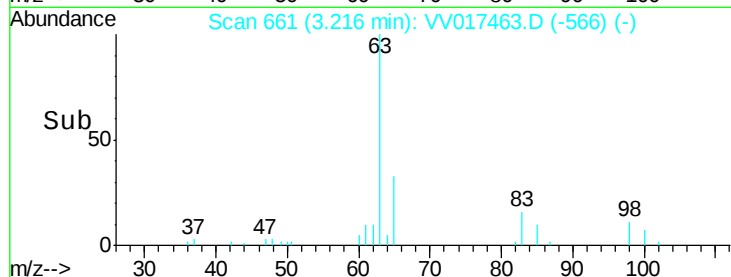
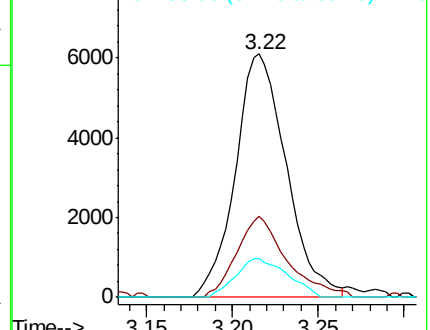
83 16.0 10.1 18.9



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 150.178 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017463.D

Acq: 13 Jul 2020 12:31

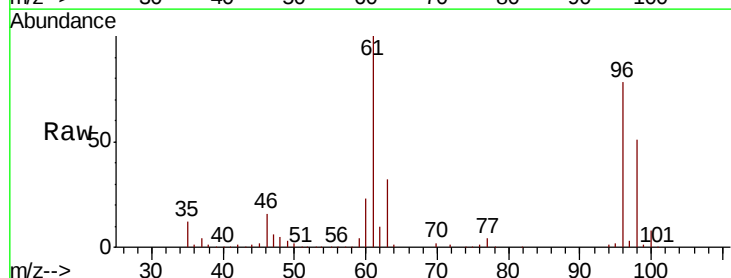
Tgt Ion: 96 Resp: 196070

Ion Ratio Lower Upper

96 100

61 128.7 88.9 165.1

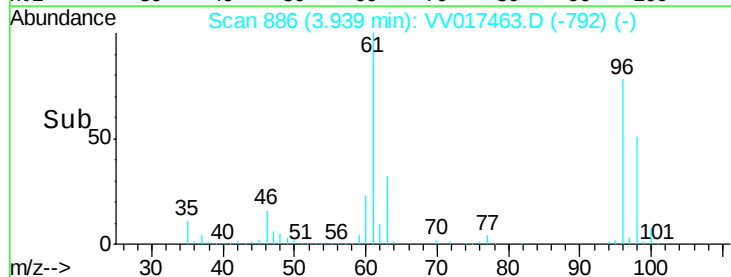
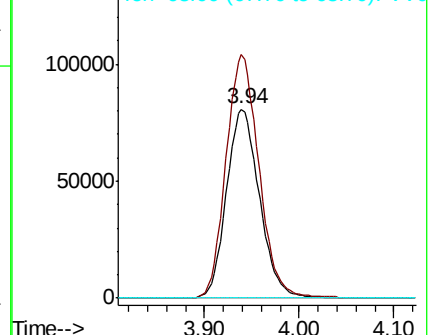
68 0.0 0.0 0.0

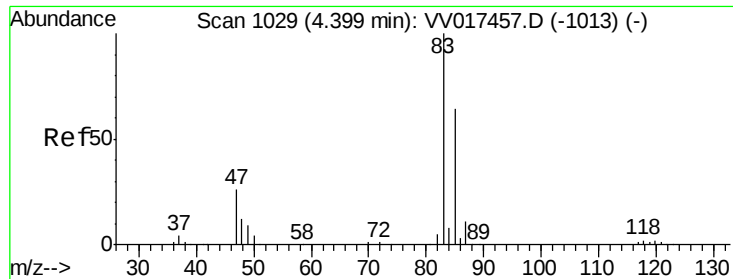


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

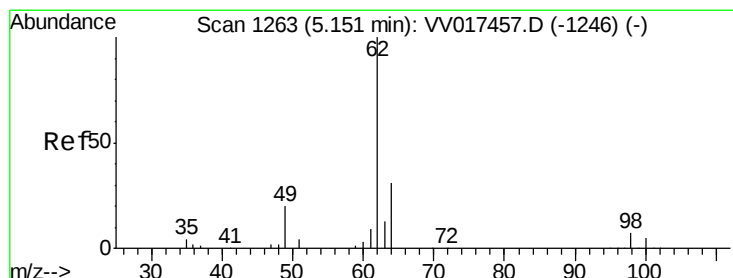
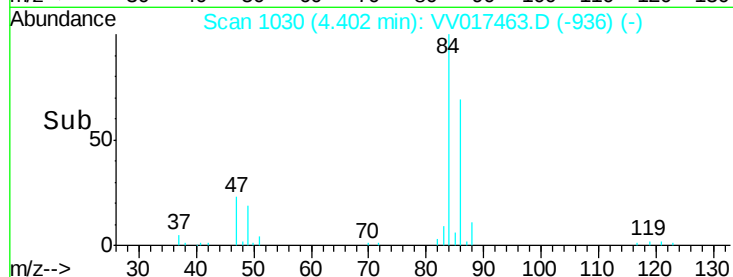
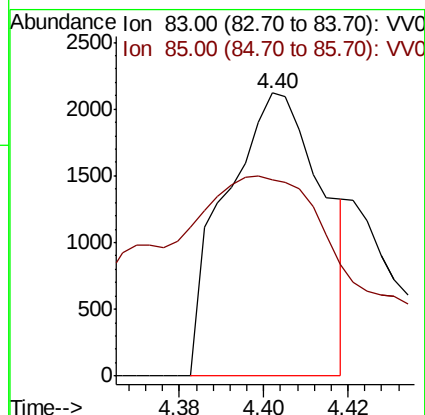
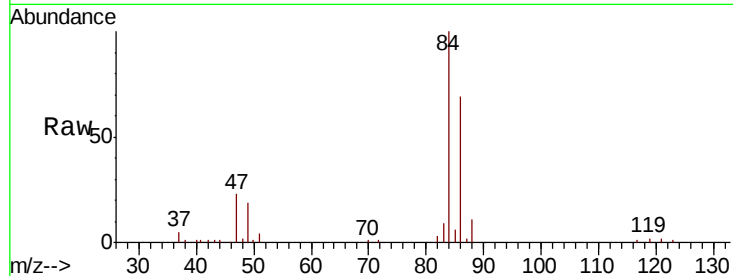




#25
Chloroform
Concen: 1.344 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV017463.D
Acq: 13 Jul 2020 12:31

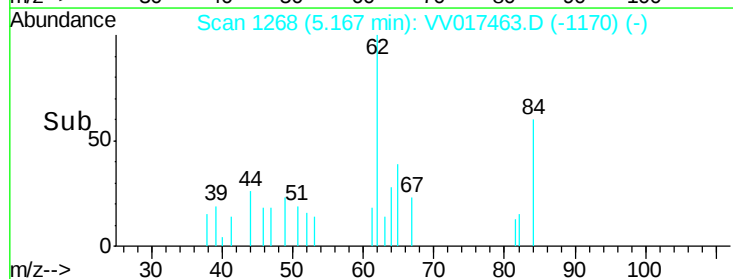
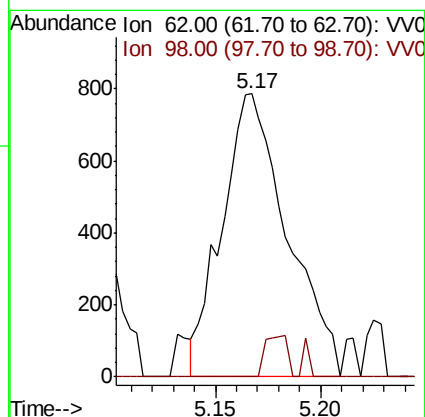
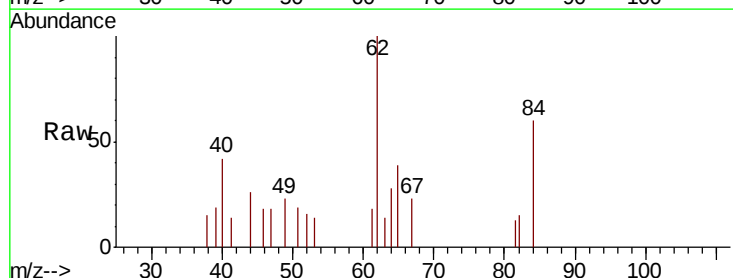
Instrument :
MSVOA_V
ClientSampleId :

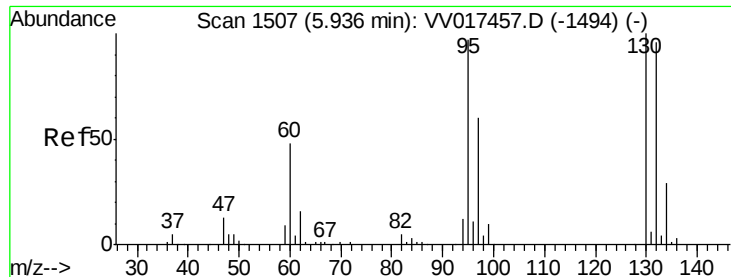
Tot Ion: 83 Resp: 3380
Ion Ratio Lower Upper
83 100
85 69.4 45.1 83.9



#27
1,2-Dichloroethane
Concen: 0.766 ug/L
RT: 5.17 min Scan# 1268
Delta R.T. 0.02 min
Lab File: VV017463.D
Acq: 13 Jul 2020 12:31

Tgt Ion: 62 Resp: 1694
Ion Ratio Lower Upper
62 100
98 0.0 6.4 9.6#

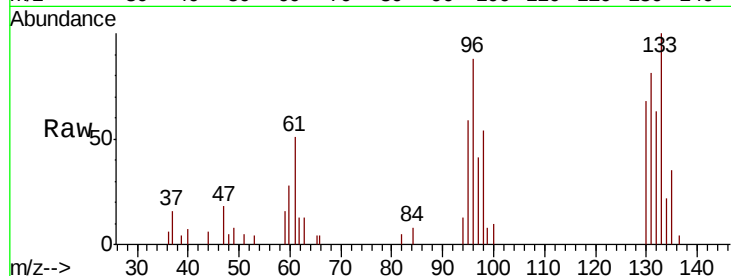




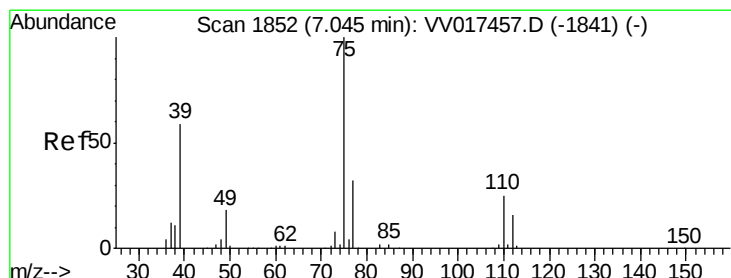
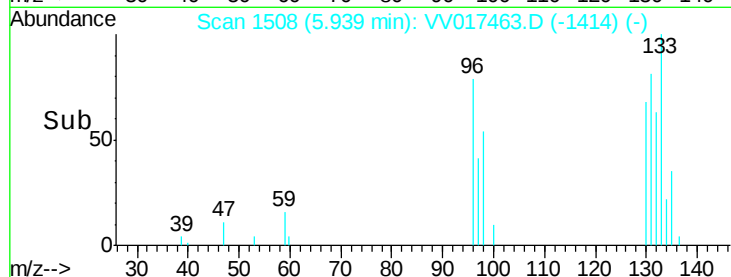
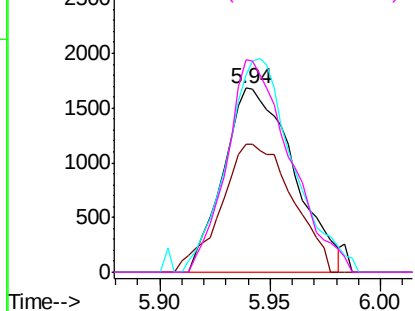
#34
 Trichloroethene
 Concen: 2.695 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017463.D
 Acq: 13 Jul 2020 12:31

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 3722
 Ion Ratio Lower Upper
 95 100
 97 69.5 45.6 84.6
 132 107.4 74.1 137.5
 130 115.8 75.5 140.3

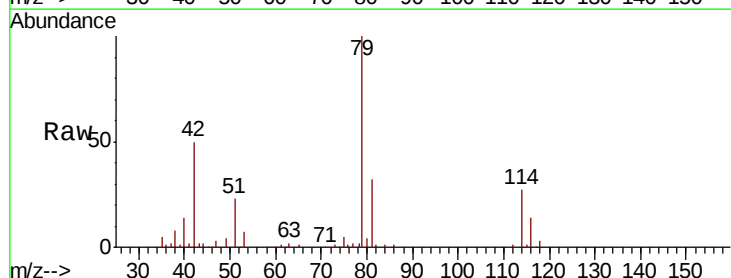


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

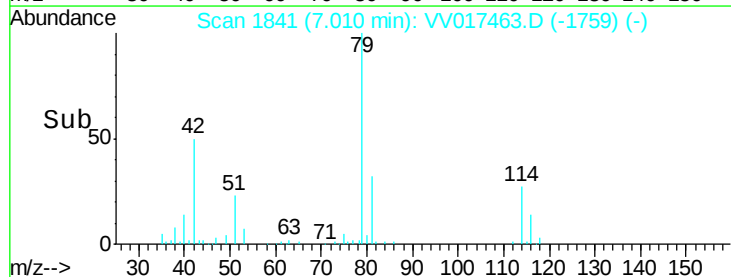
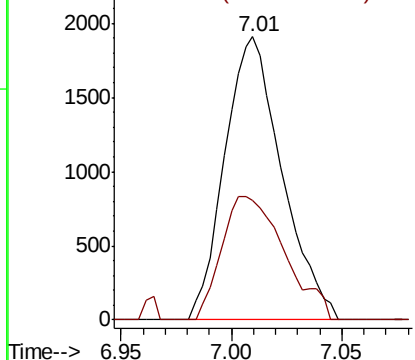


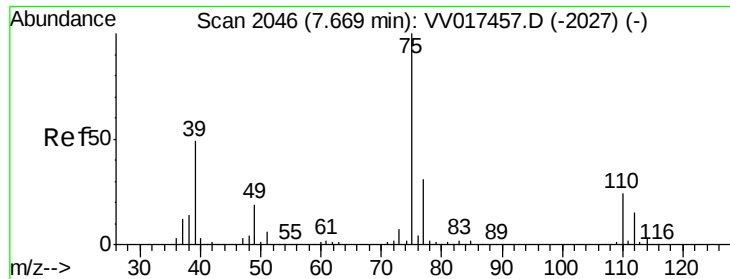
#39
 cis-1,3-Dichloropropene
 Concen: 1.769 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017463.D
 Acq: 13 Jul 2020 12:31

Tgt Ion: 75 Resp: 3429
 Ion Ratio Lower Upper
 75 100
 77 42.1 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 1.163 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017463.D

Acq: 13 Jul 2020 12:31

Instrument :

MSVOA_V

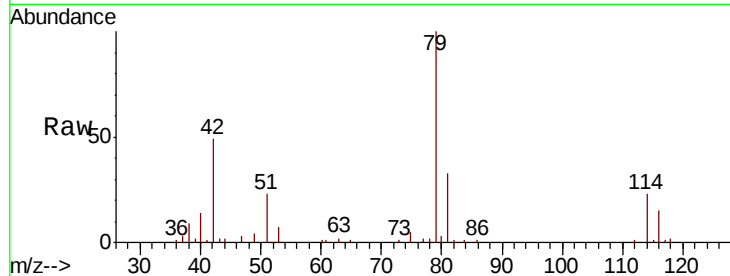
ClientSampleId :

Tot Ion: 75 Resp: 2333

Ion Ratio Lower Upper

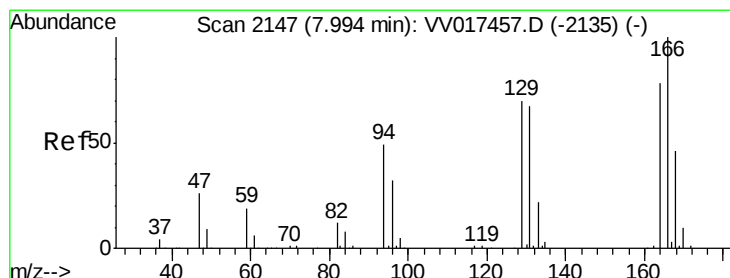
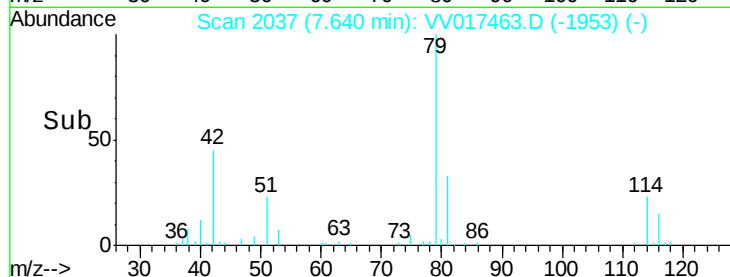
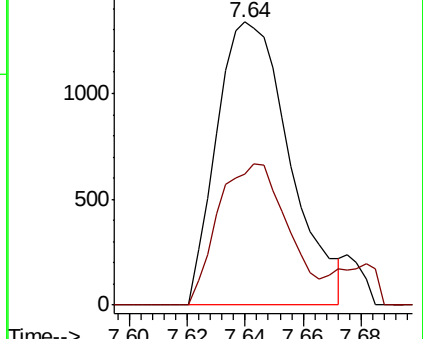
75 100

77 46.4 21.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#46

Tetrachloroethene

Concen: 10.486 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV017463.D

Acq: 13 Jul 2020 12:31

Tgt Ion:164 Resp: 12160

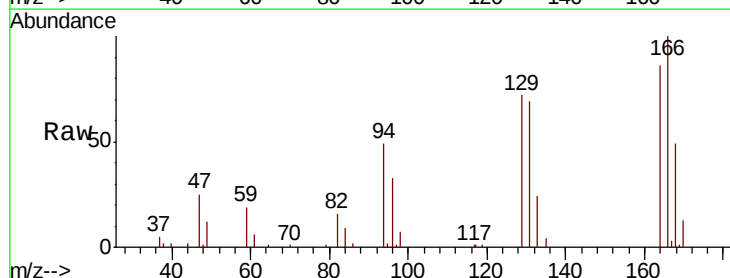
Ion Ratio Lower Upper

164 100

129 83.8 66.6 123.8

131 80.5 65.5 121.7

166 116.7 93.9 174.5

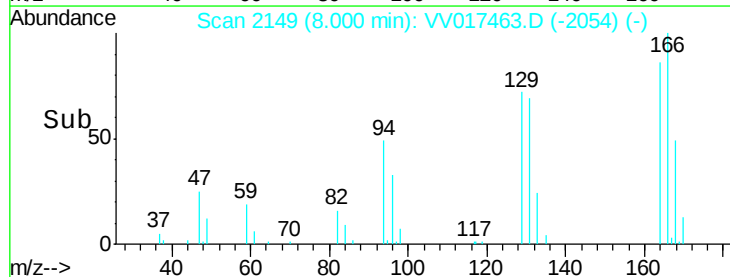
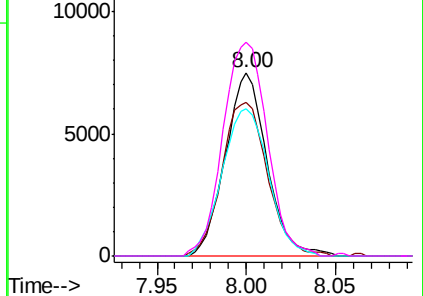


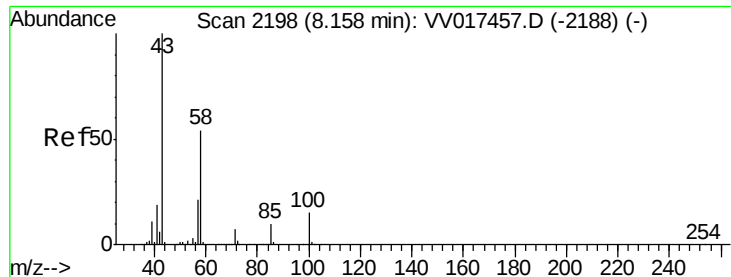
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#48
 2-Hexanone
 Concen: 4.305 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV017463.D
 Acq: 13 Jul 2020 12:31

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	13.6	42.6	64.0#
57	9.5	16.2	24.4#
100	0.0	10.9	16.3#

