

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022420\
 Data File : VV014692.D
 Acq On : 24 Feb 2020 12:00
 Operator : SY/MD
 Sample : L1607-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP4

Quant Time: Feb 25 06:39:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 25 06:37:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	194307	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	180168	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	89261	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31718	41.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.60%
7) Chloroethane-d5	1.59	69	27144	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.70%
11) 1,1-Dichloroethene-d2	2.13	63	56076	39.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.28%
21) 2-Butanone-d5	3.94	46	74055	104.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.98%
24) Chloroform-d	4.40	84	131069	52.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.50%
26) 1,2-Dichloroethane-d4	5.07	65	91678	57.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.44%
32) Benzene-d6	5.09	84	257878	54.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.16%
36) 1,2-Dichloropropane-d6	6.11	67	75542	54.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.66%
41) Toluene-d8	7.35	98	245404	53.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.86%
43) trans-1,3-Dichloropropene-	7.66	79	42748	54.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.76%
47) 2-Hexanone-d5	8.13	63	54545	97.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.87%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	107632	55.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.72%
64) 1,2-Dichlorobenzene-d4	11.67	152	98972	56.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.34%

Target Compounds

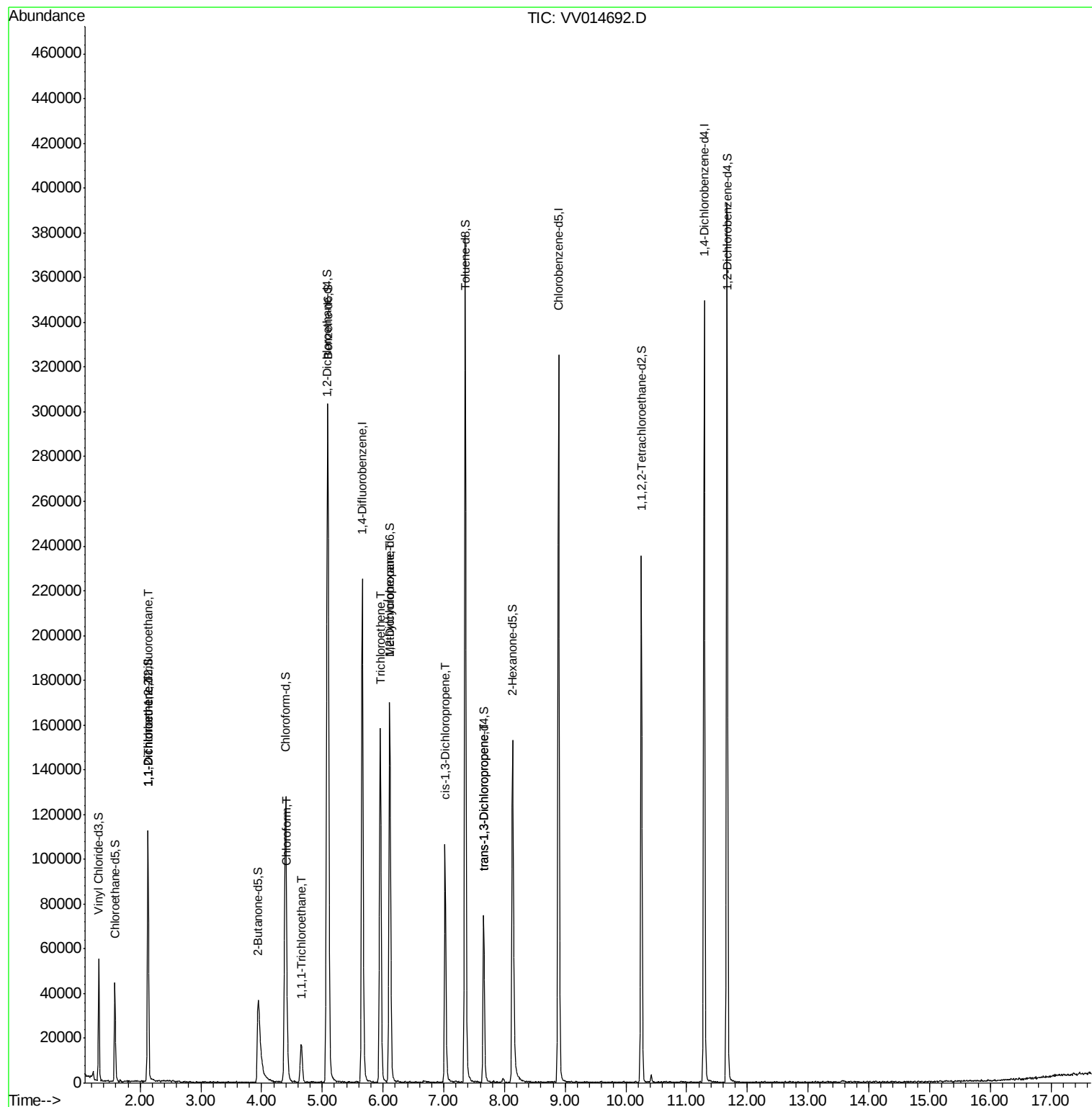
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	538	0.817 ug/L #	17
12) 1,1-Dichloroethene	2.14	96	998	1.685 ug/L #	1
25) Chloroform	4.42	83	5654	2.348 ug/L	93
30) 1,1,1-Trichloroethane	4.66	97	13746	6.561 ug/L	98
34) Trichloroethene	5.96	95	54511	40.302 ug/L	99
35) Methylcyclohexane	6.11	83	21628	11.202 ug/L #	21
39) cis-1,3-Dichloropropene	7.03	75	2885	1.421 ug/L	87
44) trans-1,3-Dichloropropene	7.66	75	1928	1.047 ug/L #	72

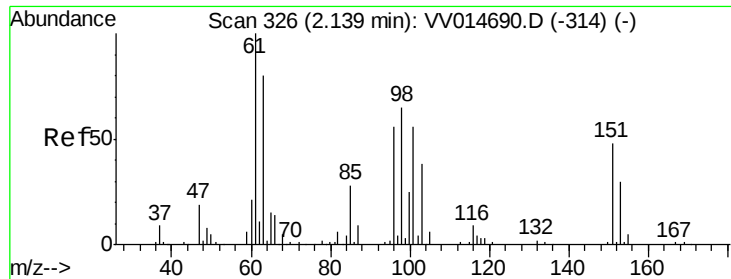
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 25 06:37:27 2020
Response via : Initial Calibration





#10

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

Concen: 0.817 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014692.D

Acq: 24 Feb 2020 12:00

Instrument :

MSVOA_V

ClientSampled :

C0AP4

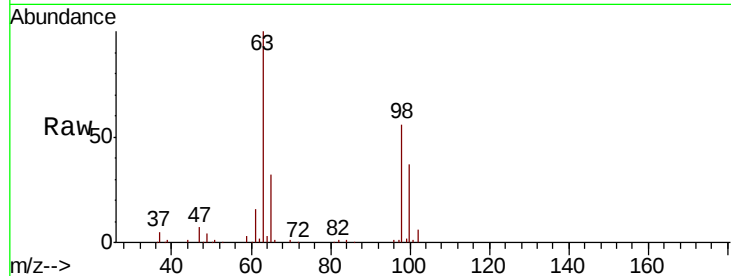
Tot Ion:101 Resp: 538

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

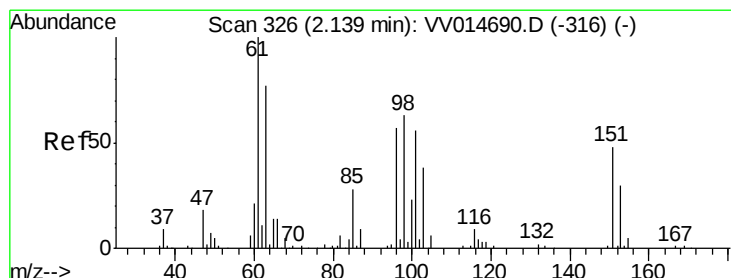
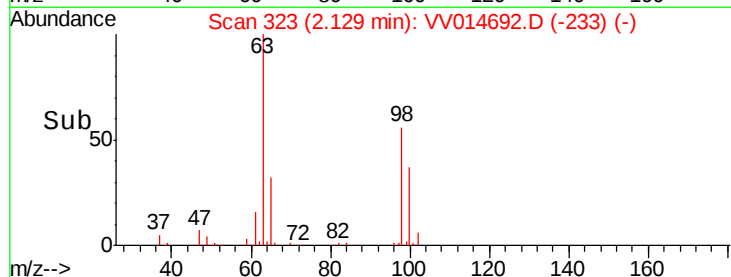
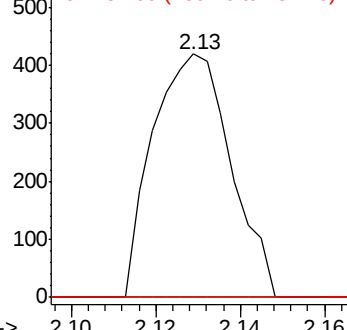
151 0.0 64.6 96.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 1.685 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV014692.D

Acq: 24 Feb 2020 12:00

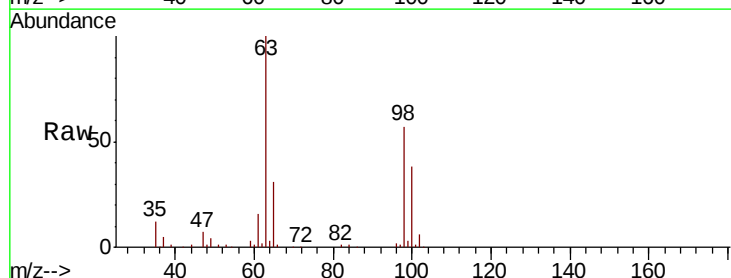
Tgt Ion: 96 Resp: 998

Ion Ratio Lower Upper

96 100

61 775.7 124.5 231.1#

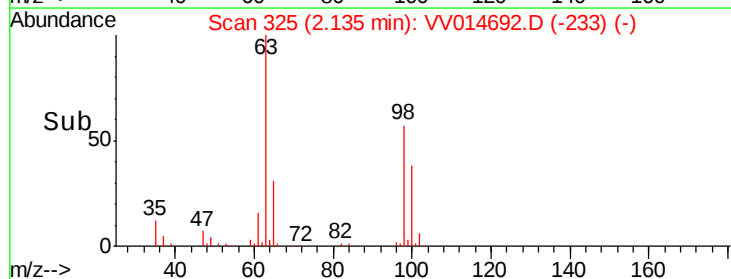
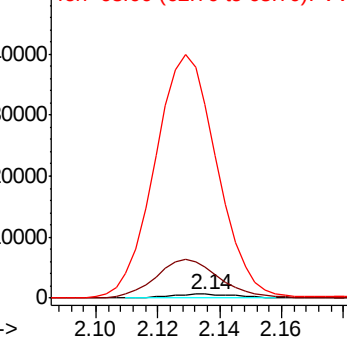
63 4895.2 98.1 182.1#

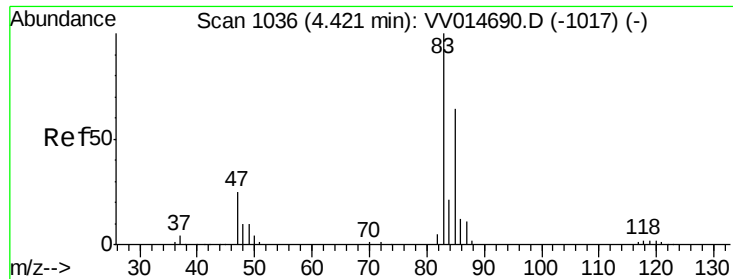


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

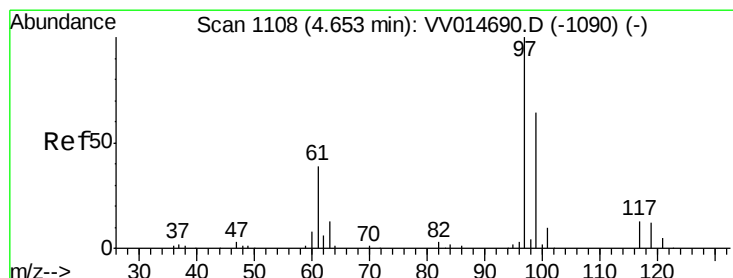
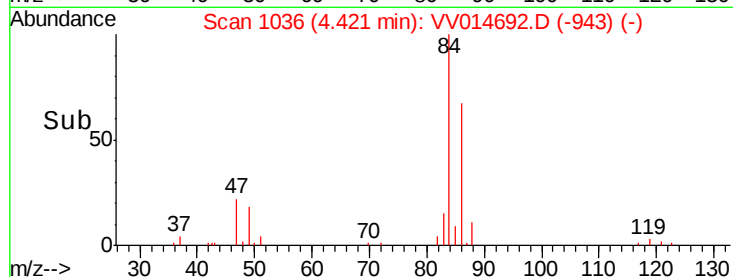
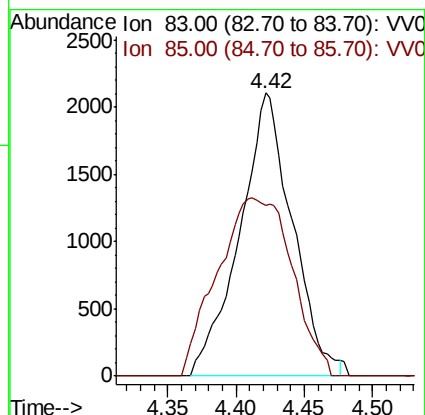
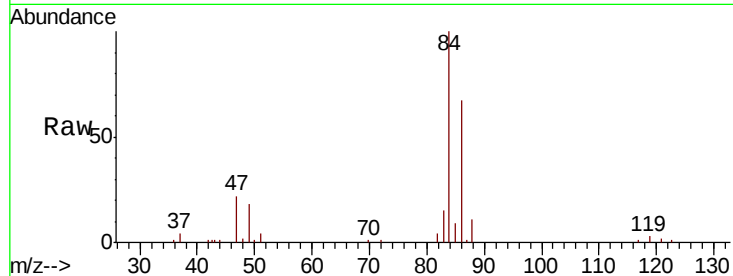




#25
Chloroform
Concen: 2.348 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV014692.D
Acq: 24 Feb 2020 12:00

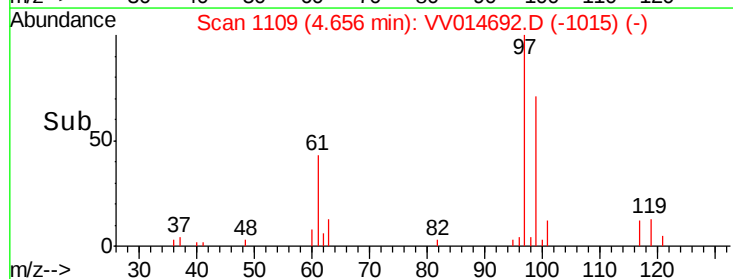
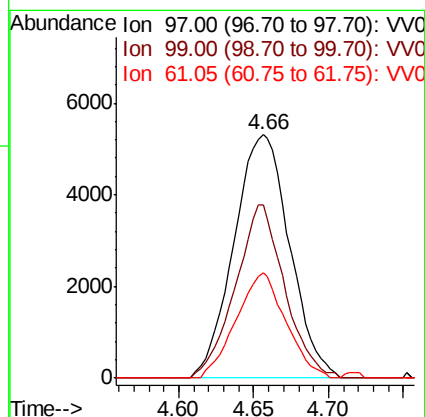
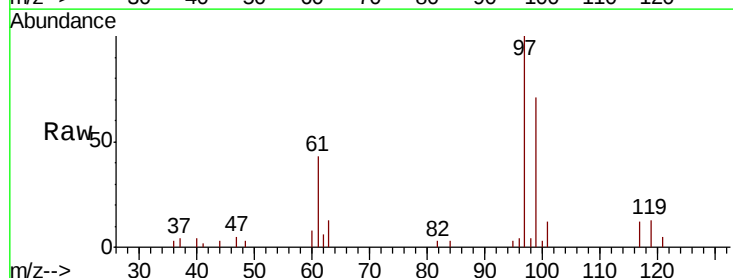
Instrument :
MSVOA_V
ClientSampleId :
C0AP4

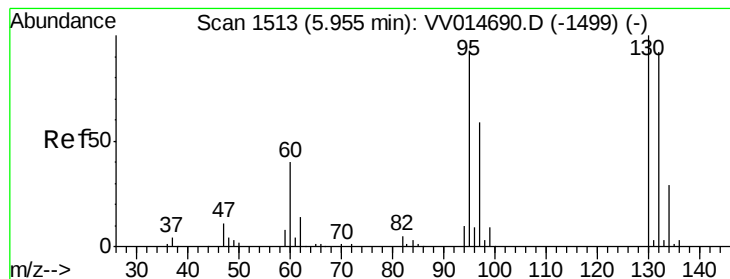
Tot Ion: 83 Resp: 5654
Ion Ratio Lower Upper
83 100
85 60.4 46.1 85.7



#30
1,1,1-Trichloroethane
Concen: 6.561 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV014692.D
Acq: 24 Feb 2020 12:00

Tgt Ion: 97 Resp: 13746
Ion Ratio Lower Upper
97 100
99 62.9 52.0 78.0
61 38.5 31.4 47.0





#34

Trichloroethene

Concen: 40.302 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV014692.D

Acq: 24 Feb 2020 12:00

Instrument :

MSVOA_V

ClientSampled :

C0AP4

Tot Ion: 95 Resp: 54511

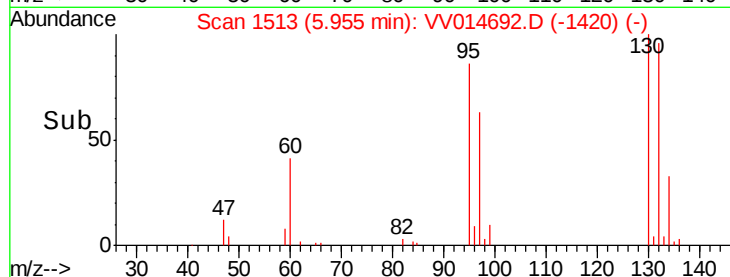
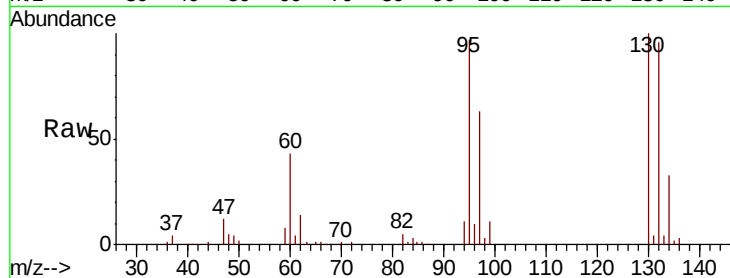
Ion Ratio Lower Upper

95 100

97 64.8 44.3 82.3

132 98.3 69.7 129.4

130 102.6 71.3 132.5

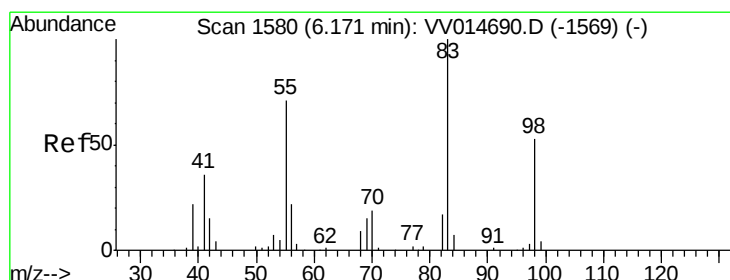
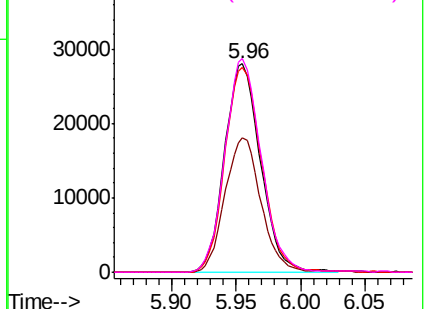


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 11.202 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.06 min

Lab File: VV014692.D

Acq: 24 Feb 2020 12:00

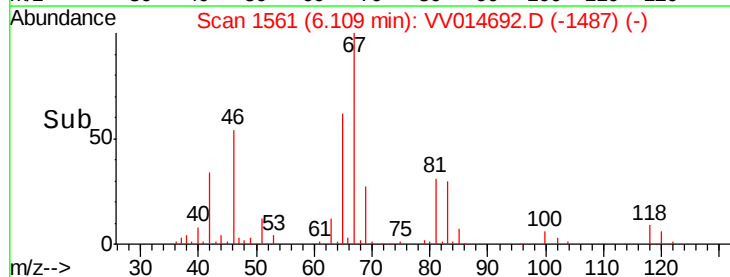
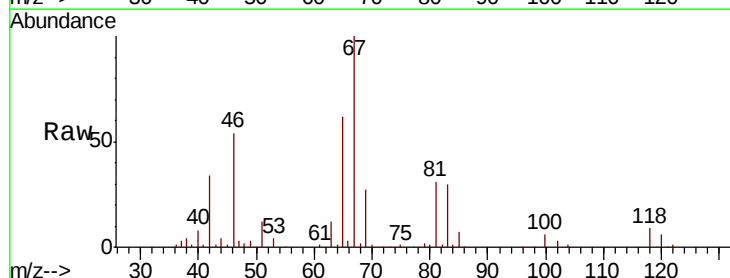
Tgt Ion: 83 Resp: 21628

Ion Ratio Lower Upper

83 100

55 0.5 56.1 84.1#

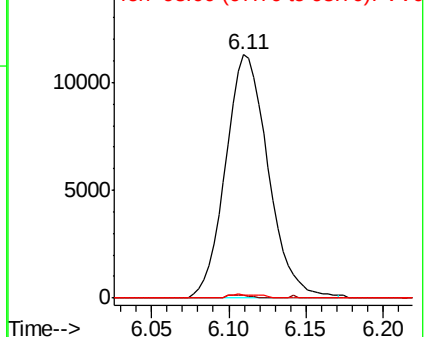
98 0.8 40.4 60.6#

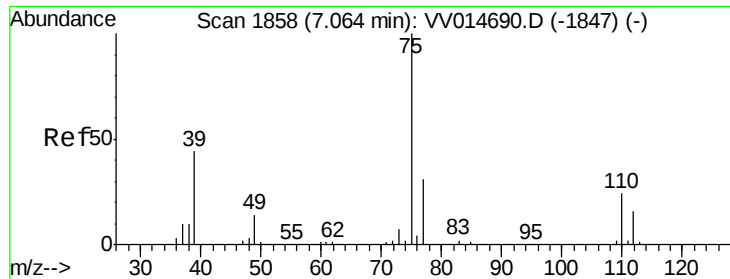


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

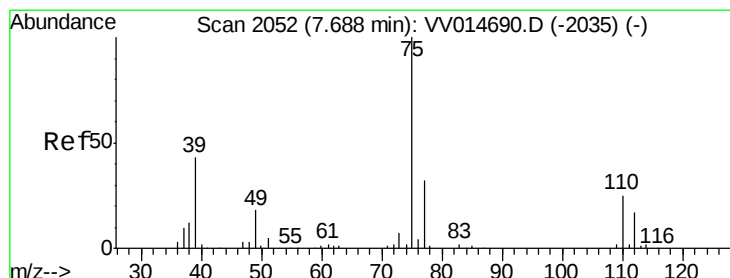
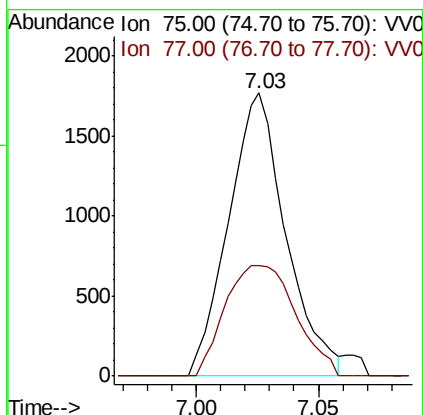
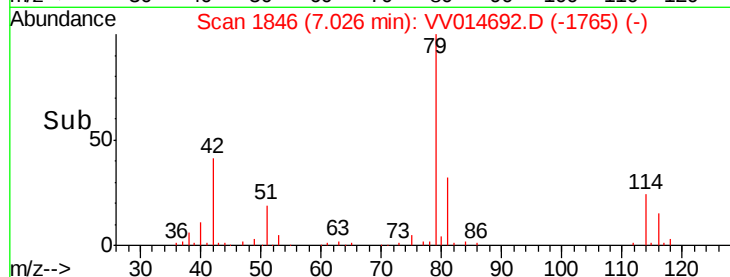
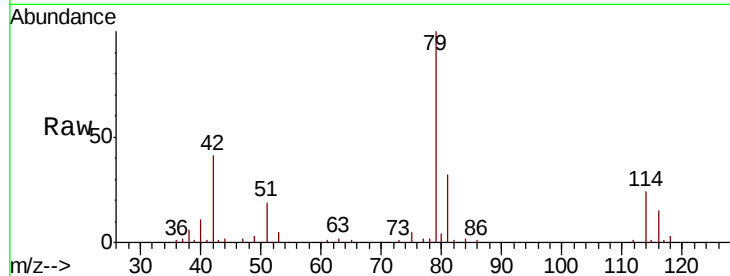




#39
 cis-1,3-Dichloropropene
 Concen: 1.421 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV014692.D
 Acq: 24 Feb 2020 12:00

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP4

Tot Ion: 75 Resp: 2885
 Ion Ratio Lower Upper
 75 100
 77 39.1 22.4 41.6



#44
 trans-1,3-Dichloropropene
 Concen: 1.047 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV014692.D
 Acq: 24 Feb 2020 12:00

Tgt Ion: 75 Resp: 1928
 Ion Ratio Lower Upper
 75 100
 77 46.6 21.9 40.7#

