

Data File : VV014980.D
Acq On : 17 Mar 2020 17:48
Operator : SY/MD
Sample : L1940-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0D96

Quant Time: Mar 18 05:26:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 05:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	344175	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329173	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154362	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86268	37.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.24%
7) Chloroethane-d5	1.58	69	68405	40.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.34%
11) 1,1-Dichloroethene-d2	2.12	63	109324	31.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.16%
21) 2-Butanone-d5	3.93	46	107826	77.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.12%
24) Chloroform-d	4.38	84	201930	42.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.54%
26) 1,2-Dichloroethane-d4	5.06	65	133105	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
32) Benzene-d6	5.08	84	419840	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.10	67	121317	44.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.86%
41) Toluene-d8	7.34	98	397200	44.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.58%
43) trans-1,3-Dichloropropene-	7.64	79	52618	36.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.30%
47) 2-Hexanone-d5	8.12	63	112536	92.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178860	45.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	165458	48.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.86%

Target Compounds

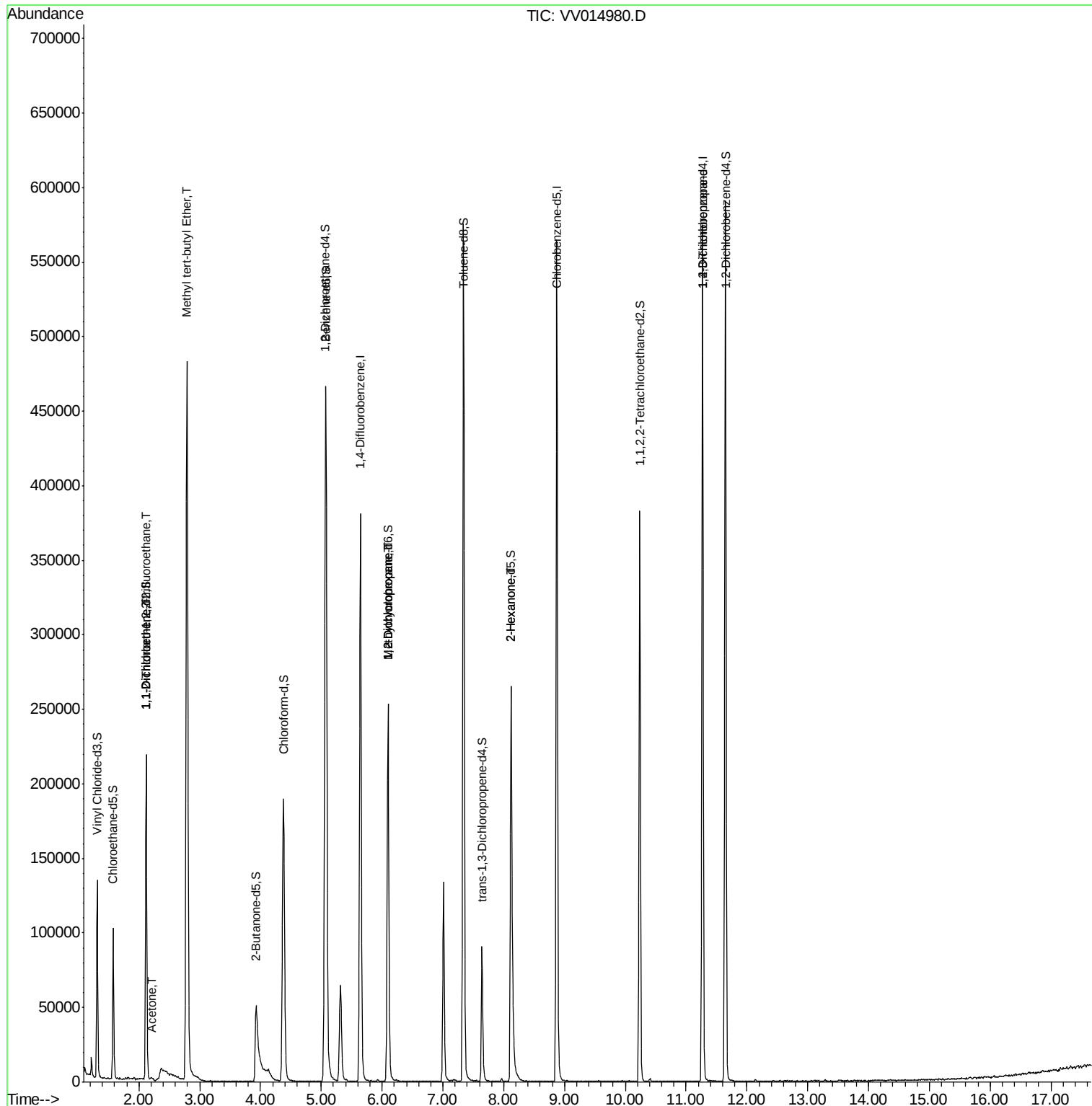
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1158	0.653	ug/L #	15
12) 1,1-Dichloroethene	2.12	96	1134	0.701	ug/L #	1
13) Acetone	2.20	43	1529	1.107	ug/L	88
18) Methyl tert-butyl Ether	2.79	73	533975	73.598	ug/L	99
35) Methylcyclohexane	6.10	83	32654	8.421	ug/L #	20
37) 1,2-Dichloropropane	6.10	63	14033	6.252	ug/L #	84
48) 2-Hexanone	8.12	43	14659	6.113	ug/L #	73
59) 1,2,3-Trichloropropane	11.27	75	15217	4.944	ug/L #	88

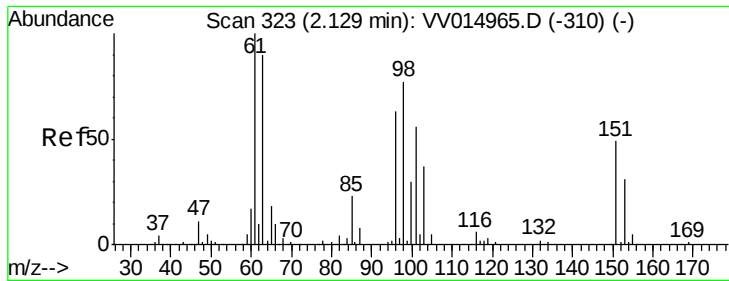
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.653 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Acq: 17 Mar 2020 17:48

Instrument :

MSVOA_V

ClientSampleId :

C0D96

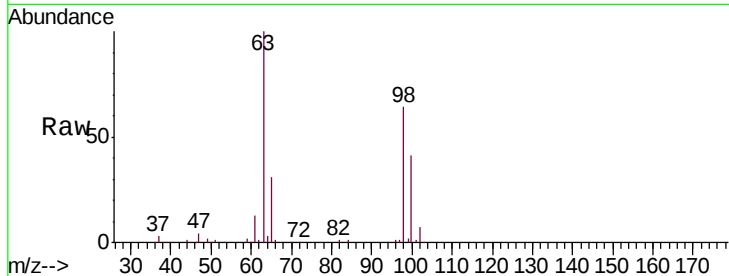
Tgt Ion:101 Resp: 1158

Ion Ratio Lower Upper

101 100

85 0.0 33.9 50.9#

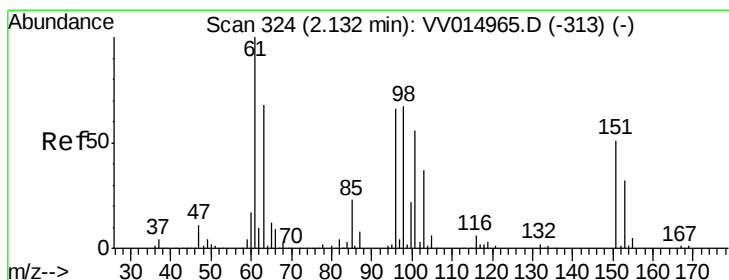
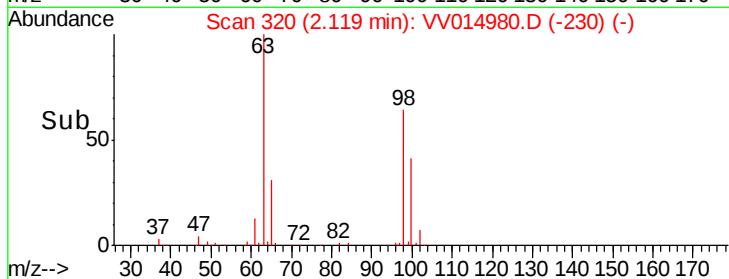
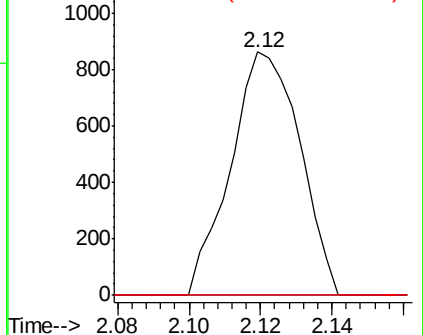
151 0.0 70.1 105.1#



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: 0.701 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014980.D

Acq: 17 Mar 2020 17:48

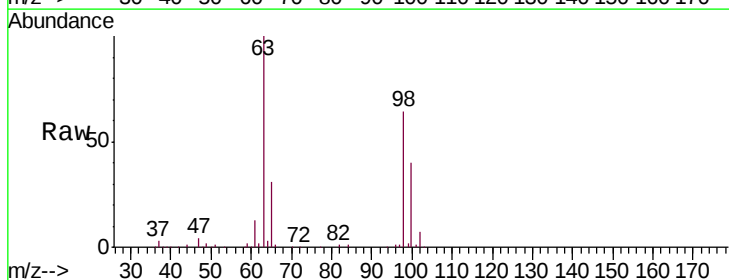
Tgt Ion: 96 Resp: 1134

Ion Ratio Lower Upper

96 100

61 965.8 115.7 214.9#

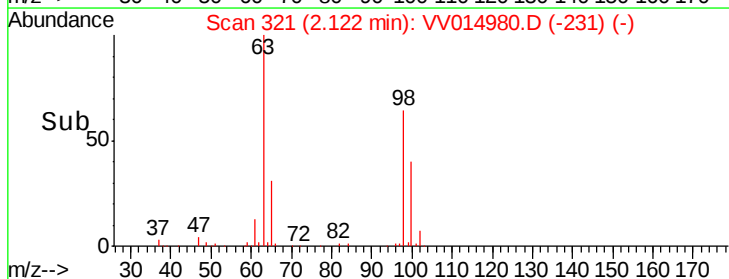
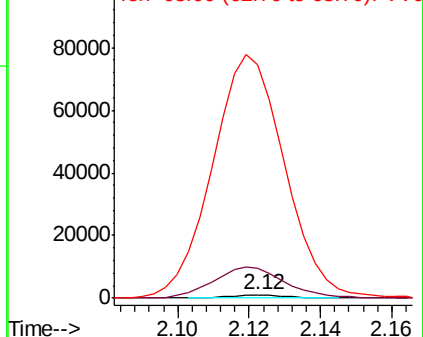
63 7548.9 99.2 184.2#

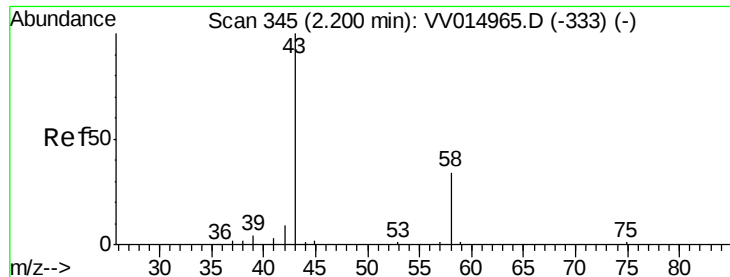


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.107 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

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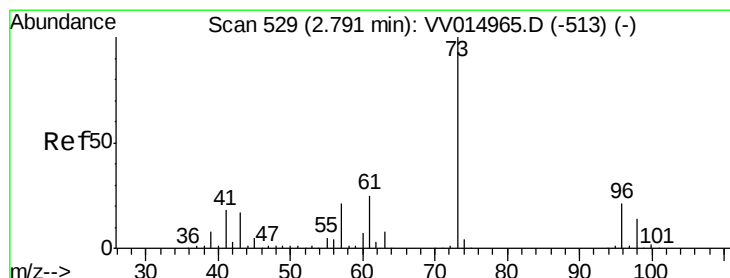
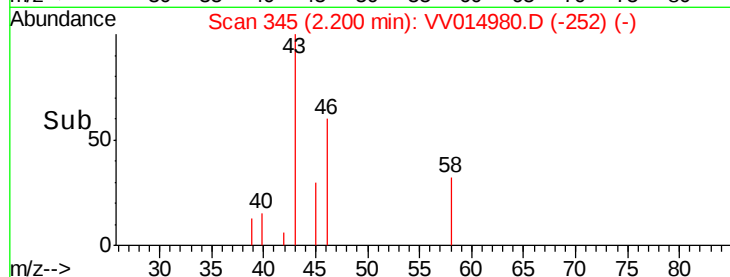
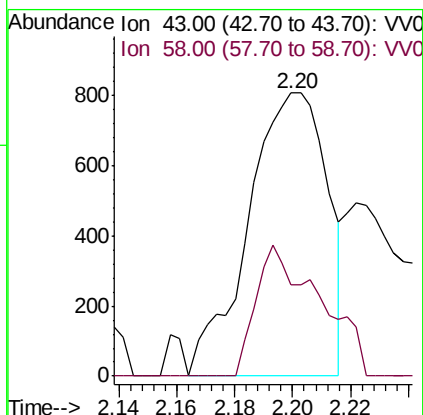
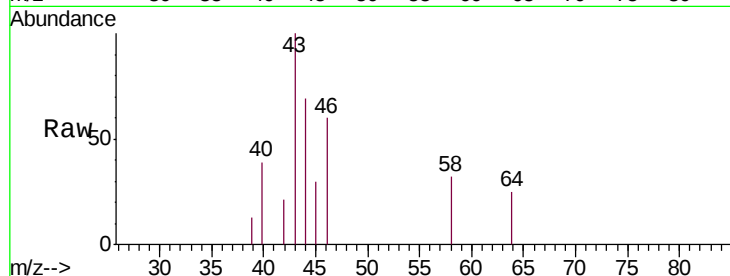
Instrument :
MSVOA_V
ClientSampleId :
C0D96

Tgt Ion: 43 Resp: 1529

Ion Ratio Lower Upper

43 100

58 19.8 0.0 51.6



#18

Methyl tert-butyl Ether

Concen: 73.598 ug/L

RT: 2.79 min Scan# 529

Delta R.T. -0.00 min

Lab File: VV014980.D

Acq: 17 Mar 2020 17:48

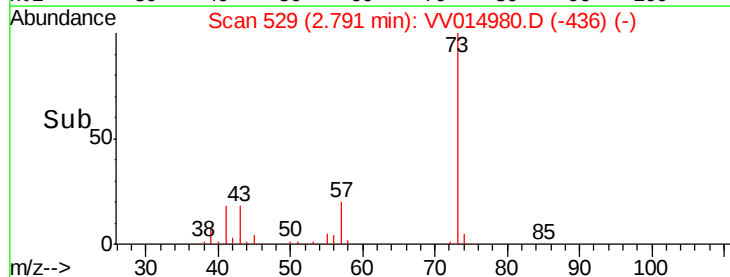
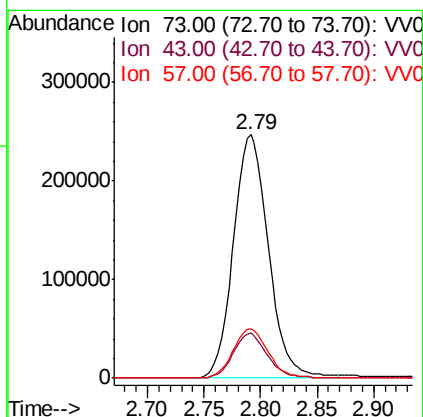
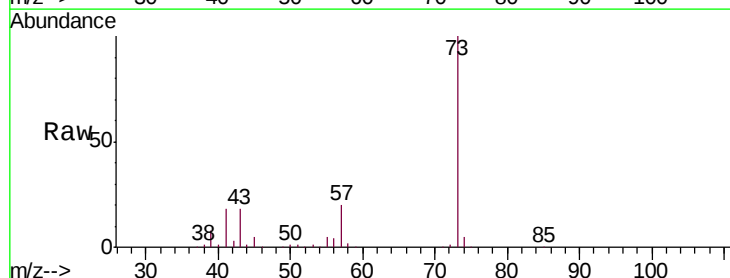
Tgt Ion: 73 Resp: 533975

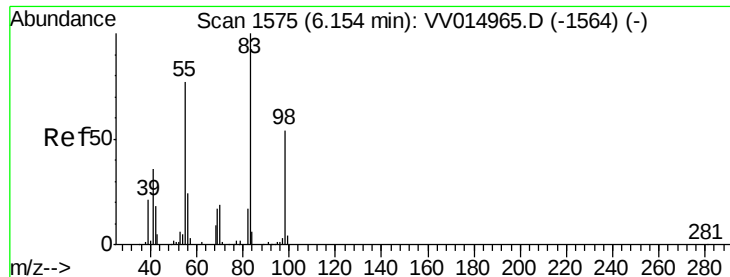
Ion Ratio Lower Upper

73 100

43 17.7 14.4 21.6

57 20.3 16.0 24.0





#35

Methylcyclohexane

Concen: 8.421 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV014980.D

Acq: 17 Mar 2020 17:48

Instrument :

MSVOA_V

ClientSampleId :

C0D96

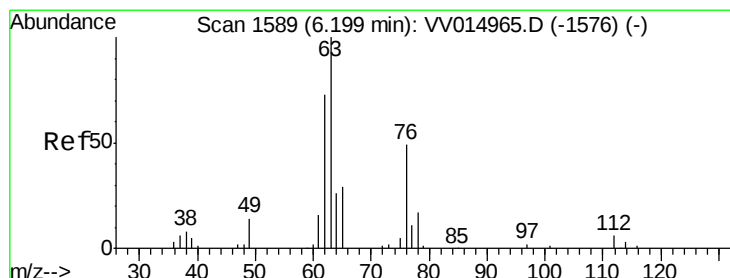
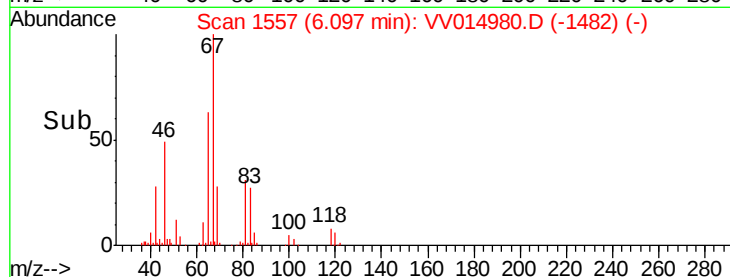
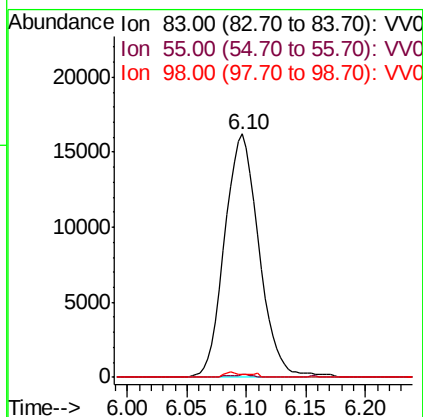
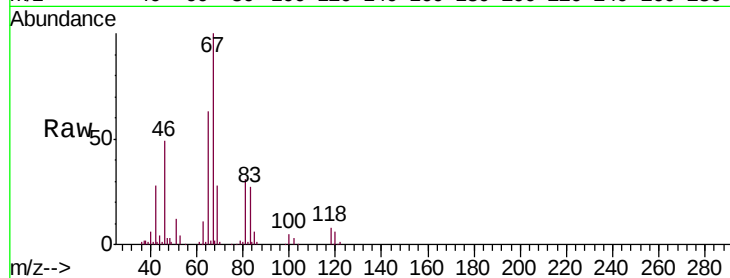
Tgt Ion: 83 Resp: 32654

Ion Ratio Lower Upper

83 100

55 0.4 57.5 86.3#

98 0.5 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 6.252 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV014980.D

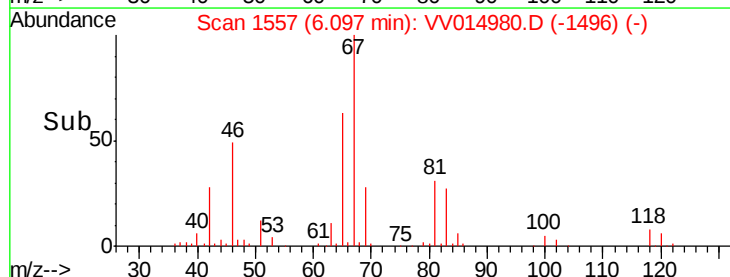
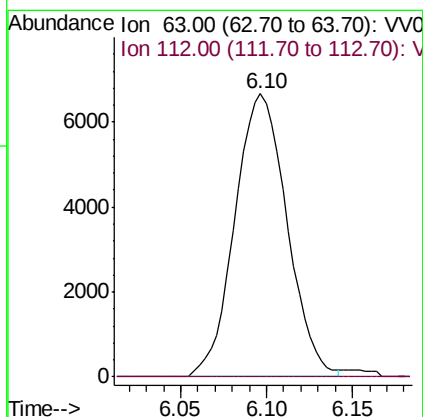
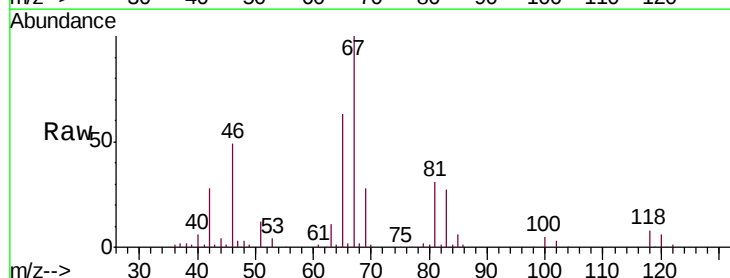
Acq: 17 Mar 2020 17:48

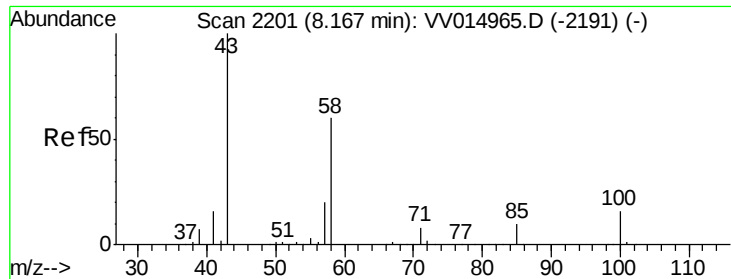
Tgt Ion: 63 Resp: 14033

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#

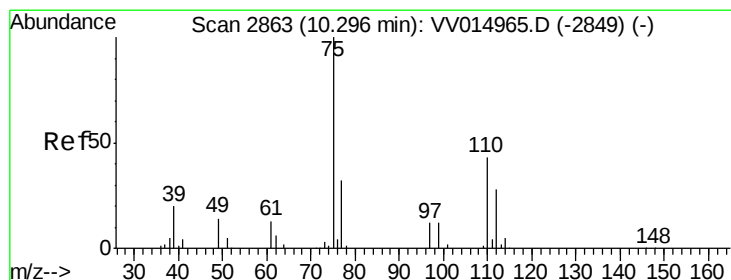
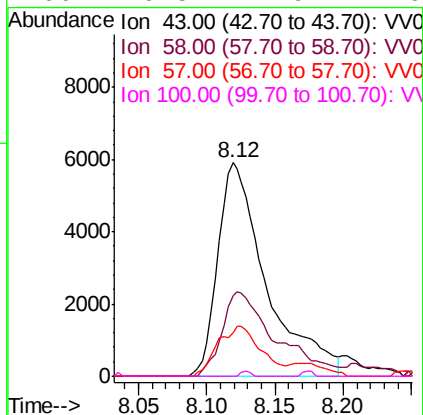
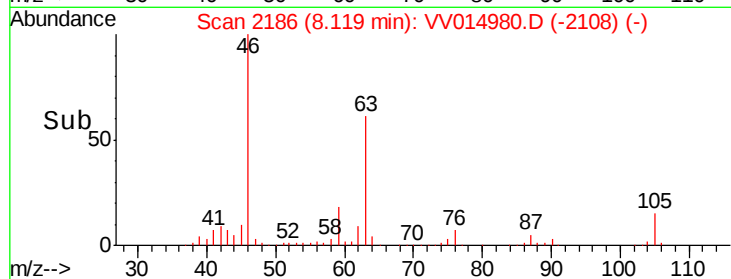
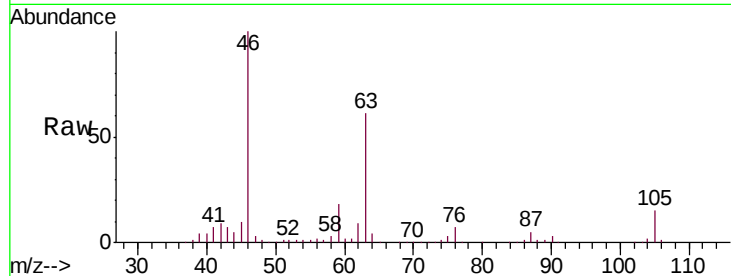




#48
 2-Hexanone
 Concen: 6.113 ug/L
 RT: 8.12 min Scan# 2186
 Delta R.T. -0.05 min
 Lab File: VV014980.D
 Acq: 17 Mar 2020 17:48

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D96

Tgt Ion: 43 Resp: 14659
 Ion Ratio Lower Upper
 43 100
 58 37.3 46.9 70.3#
 57 13.2 16.2 24.4#
 100 0.5 11.9 17.9#



#59
 1,2,3-Trichloropropane
 Concen: 4.944 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV014980.D
 Acq: 17 Mar 2020 17:48

Tgt Ion: 75 Resp: 15217
 Ion Ratio Lower Upper
 75 100
 77 40.4 26.6 40.0#

