

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018298.D
 Acq On : 17 Sep 2020 22:53
 Operator : SY/MD
 Sample : L4043-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF8

Quant Time: Sep 18 08:07:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 08:05:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	286195	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	285934	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134309	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75590	32.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.82%
7) Chloroethane-d5	1.58	69	68450	35.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.74%
11) 1,1-Dichloroethene-d2	2.12	63	120699	28.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.42%#
21) 2-Butanone-d5	3.92	46	118167	82.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.77%
24) Chloroform-d	4.38	84	158725	39.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.44%
26) 1,2-Dichloroethane-d4	5.06	65	106862	41.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.40%
32) Benzene-d6	5.08	84	313832	38.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.68%
36) 1,2-Dichloropropane-d6	6.09	67	103341	39.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.46%
41) Toluene-d8	7.34	98	278580	37.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.68%#
43) trans-1,3-Dichloropropene-	7.64	79	47300	35.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.58%
47) 2-Hexanone-d5	8.11	63	81934	83.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135612	41.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	121229	43.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.90%

Target Compounds

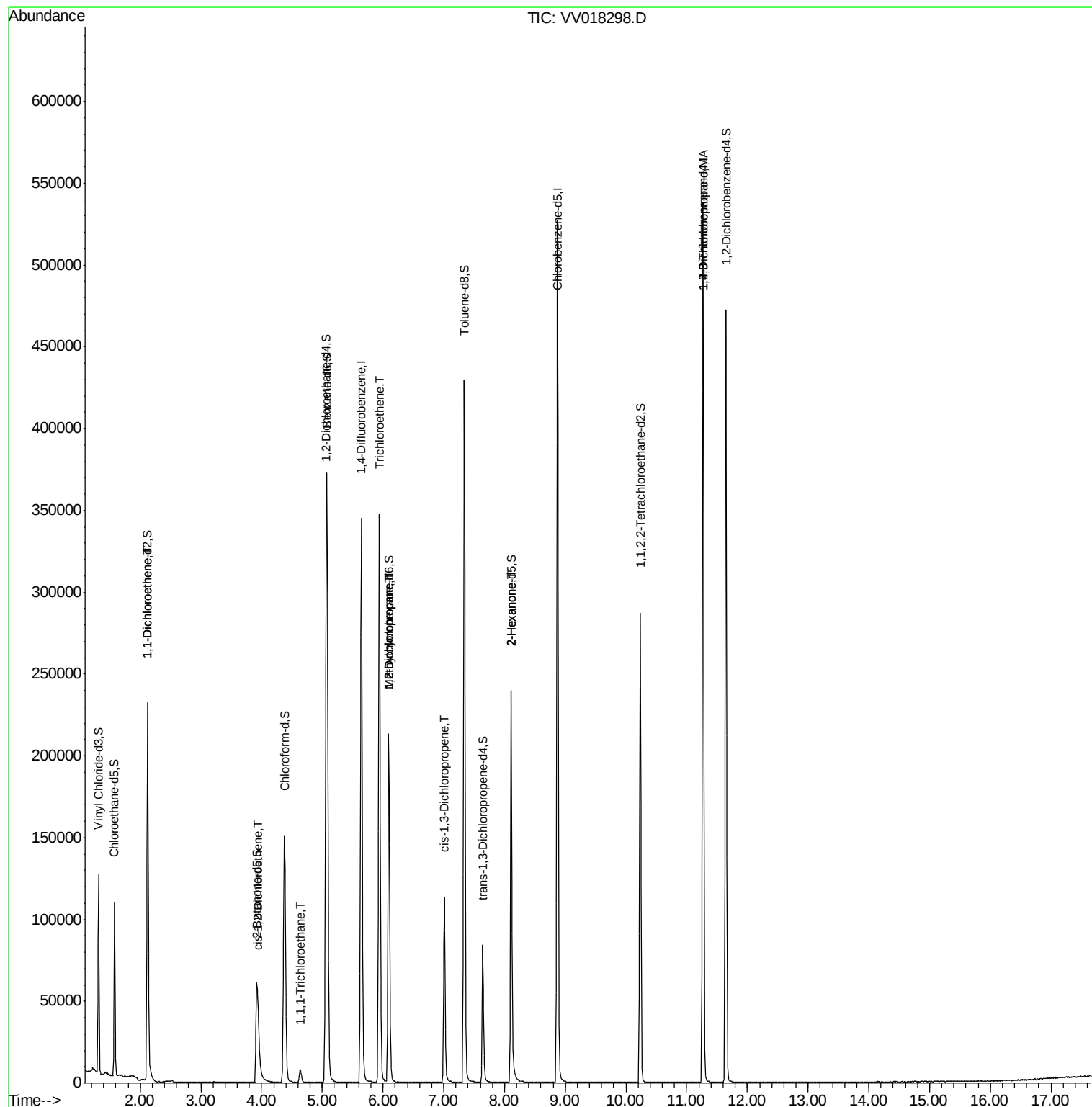
					Ovalue
12) 1,1-Dichloroethene	2.13	96	7930	4.220 ug/L #	1
20) cis-1,2-Dichloroethene	3.95	96	3763	1.818 ug/L	96
30) 1,1,1-Trichloroethane	4.64	97	6709	2.022 ug/L #	86
34) Trichloroethene	5.94	95	123474	55.444 ug/L	99
35) Methylcyclohexane	6.09	83	24528	7.315 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	11213	5.176 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2807	0.841 ug/L #	60
48) 2-Hexanone	8.11	43	9976	4.815 ug/L #	67
59) 1,2,3-Trichloropropane	11.27	75	15534	6.097 ug/L	91

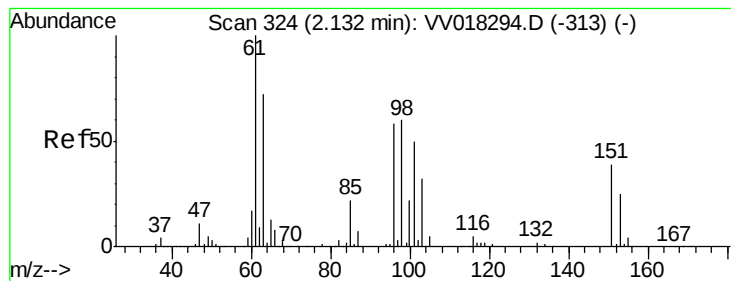
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 18 08:05:39 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.220 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018298.D

Acq: 17 Sep 2020 22:53

Instrument :

MSVOA_V

ClientSampleId :

C0AF8

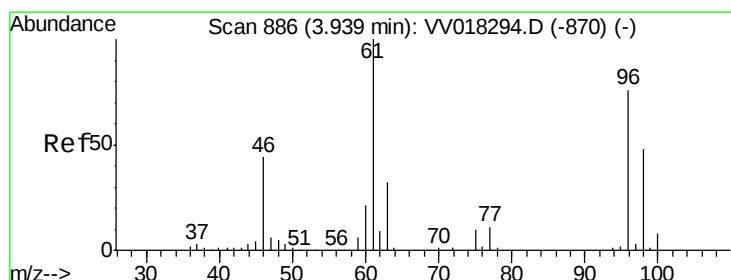
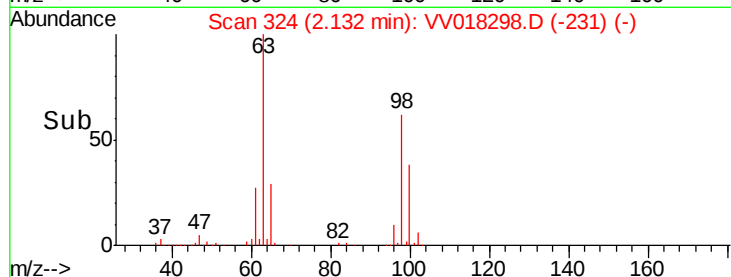
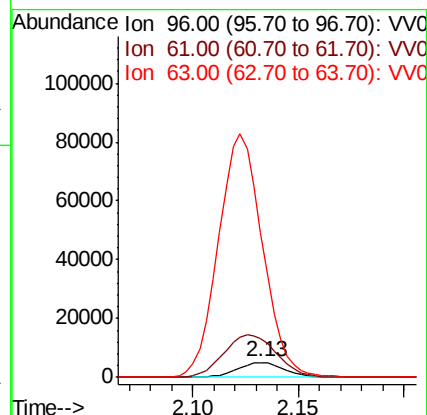
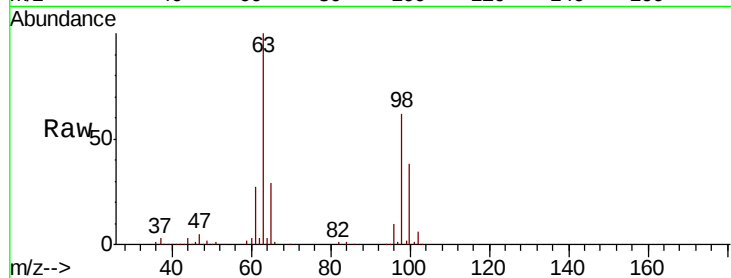
Tot Ion: 96 Resp: 7930

Ion Ratio Lower Upper

96 100

61 256.1 122.9 228.3#

63 966.2 91.9 170.7#



#20

cis-1,2-Dichloroethene

Concen: 1.818 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV018298.D

Acq: 17 Sep 2020 22:53

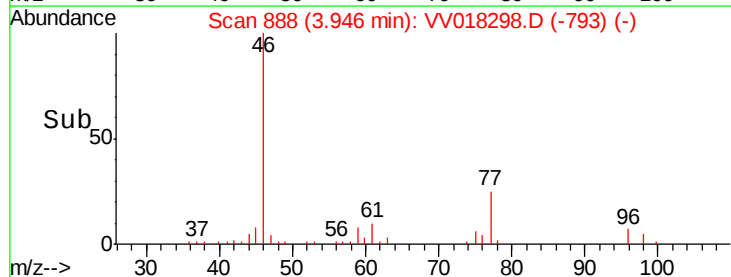
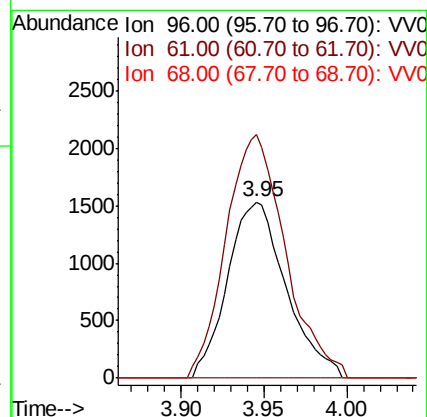
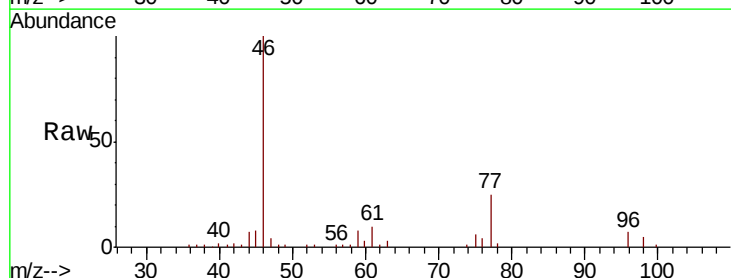
Tgt Ion: 96 Resp: 3763

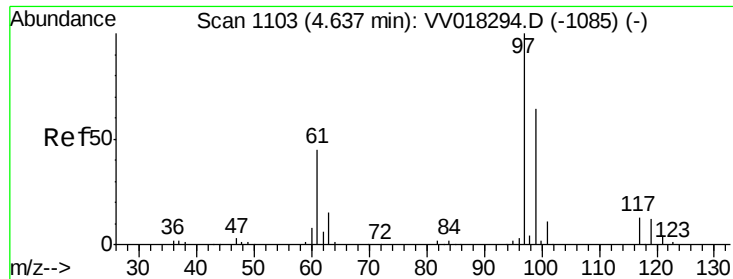
Ion Ratio Lower Upper

96 100

61 138.1 93.6 173.8

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 2.022 ug/L

RT: 4.64 min Scan# 1104

Delta R.T. 0.00 min

Lab File: VV018298.D

Acq: 17 Sep 2020 22:53

Instrument :

MSVOA_V

ClientSampleId :

C0AF8

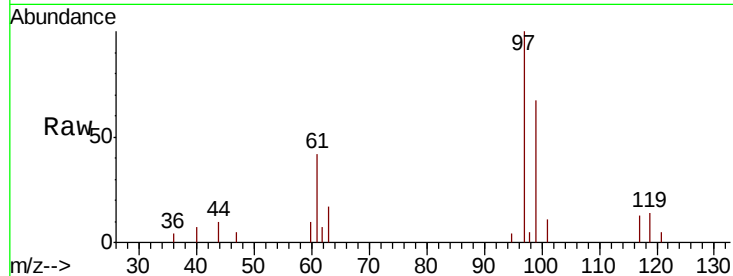
Tot Ion: 97 Resp: 6709

Ion Ratio Lower Upper

97 100

99 66.2 51.6 77.4

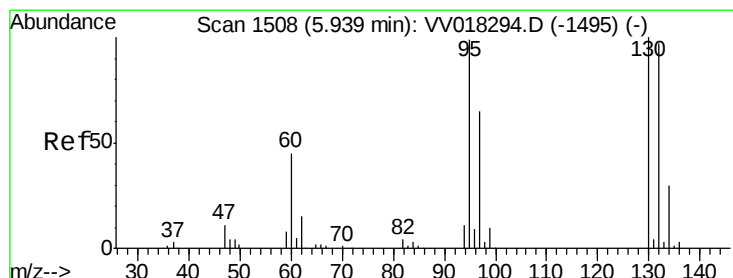
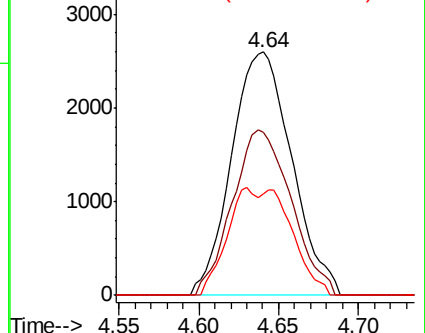
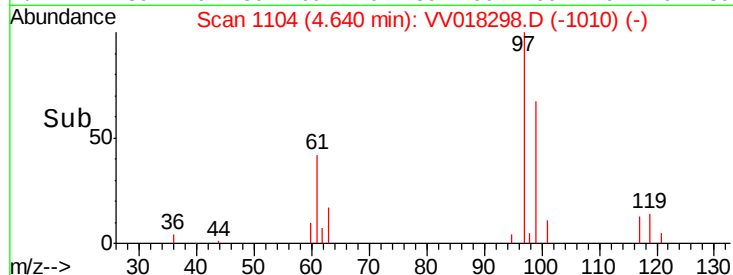
61 22.7 34.9 52.3#



Abundance Ion 97.00 (96.70 to 97.70): VV018298.D (-1085) (-)

Ion 99.00 (98.70 to 99.70): VV018298.D (-1085) (-)

Ion 61.05 (60.75 to 61.75): VV018298.D (-1085) (-)



#34

Trichloroethene

Concen: 55.444 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV018298.D

Acq: 17 Sep 2020 22:53

Tgt Ion: 95 Resp: 123474

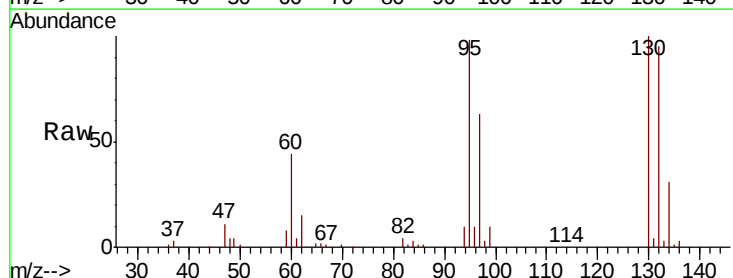
Ion Ratio Lower Upper

95 100

97 64.3 46.3 85.9

132 97.0 68.1 126.5

130 102.0 71.5 132.9

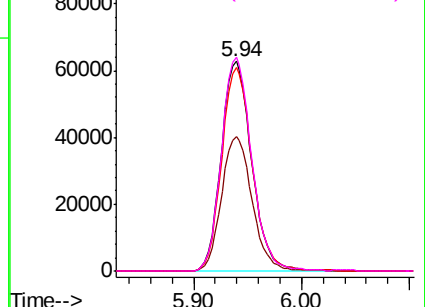
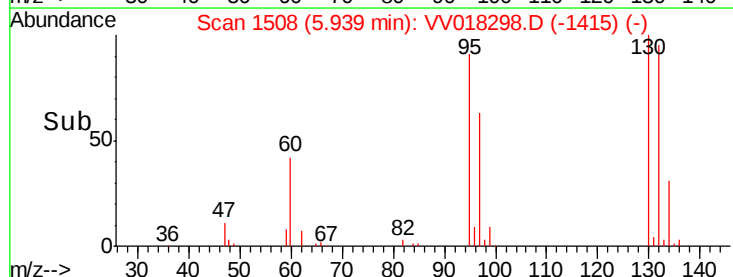


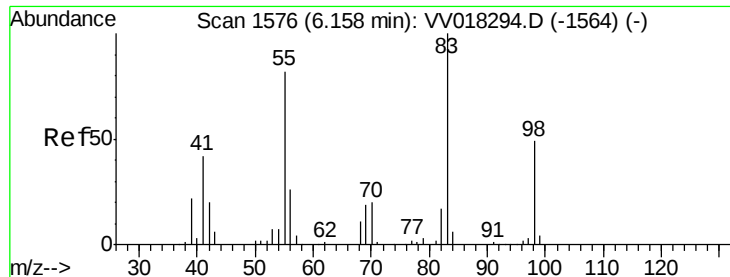
Abundance Ion 95.00 (94.70 to 95.70): VV018298.D (-1495) (-)

Ion 97.00 (96.70 to 97.70): VV018298.D (-1495) (-)

Ion 132.00 (131.70 to 132.70): VV018298.D (-1495) (-)

Ion 130.00 (129.70 to 130.70): VV018298.D (-1495) (-)

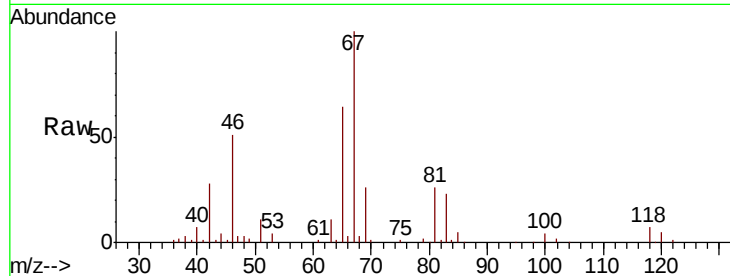




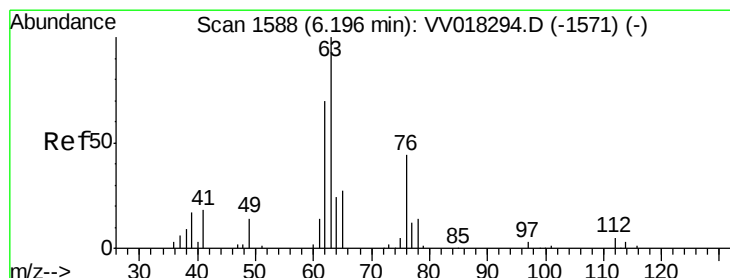
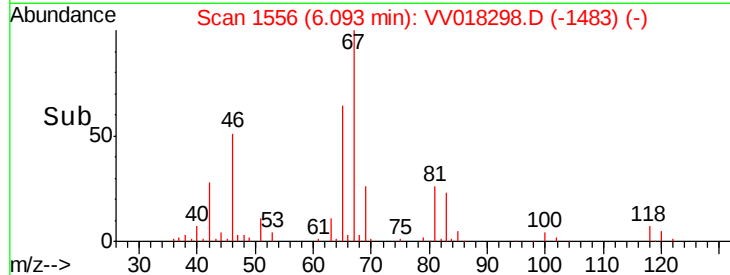
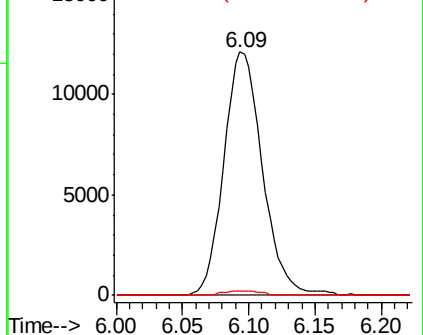
#35
Methvlcvclohexane
Concen: 7.315 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018298.D
Acq: 17 Sep 2020 22:53

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MSVOA_V
ClientSampleId :
C0AF8

Tot Ion: 83 Resp: 24528
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 0.2 38.8 58.2#

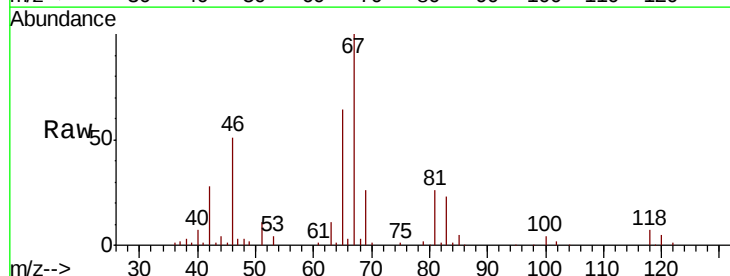


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

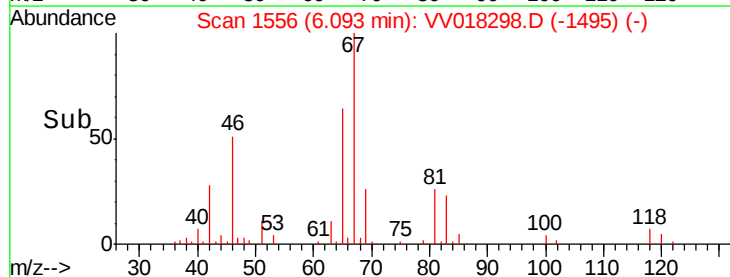
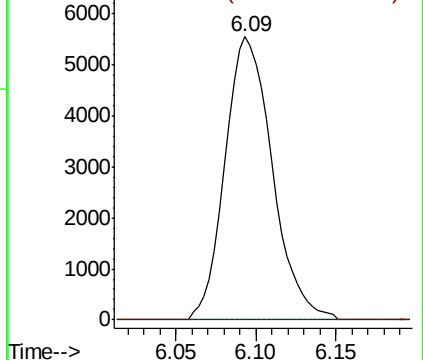


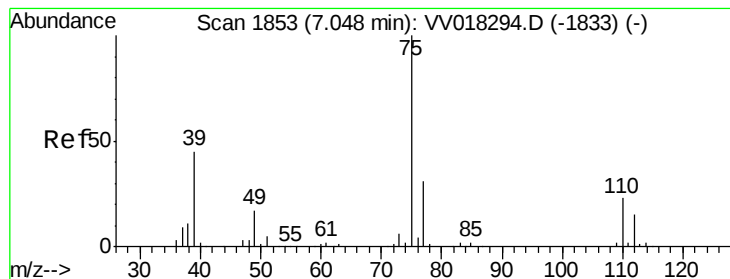
#37
1,2-Dichloropropane
Concen: 5.176 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018298.D
Acq: 17 Sep 2020 22:53

Tgt Ion: 63 Resp: 11213
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V



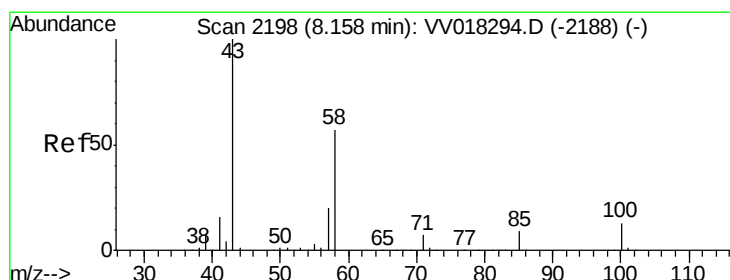
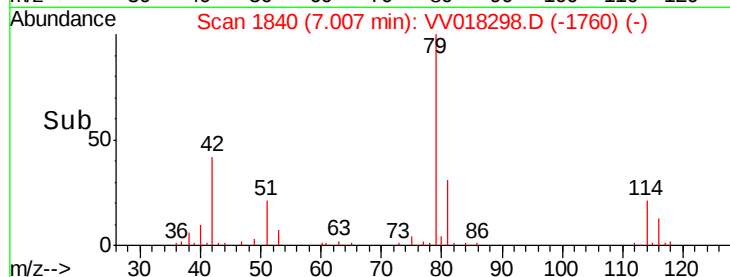
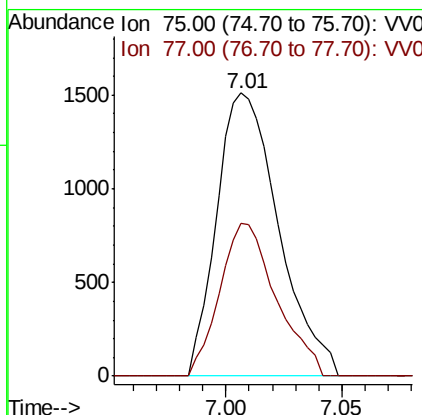
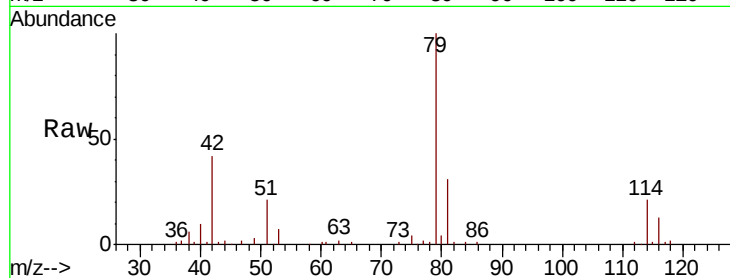


#39

cis-1,3-Dichloropropene
Concen: 0.841 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV018298.D
Acq: 17 Sep 2020 22:53

Instrument :
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ClientSampleId :
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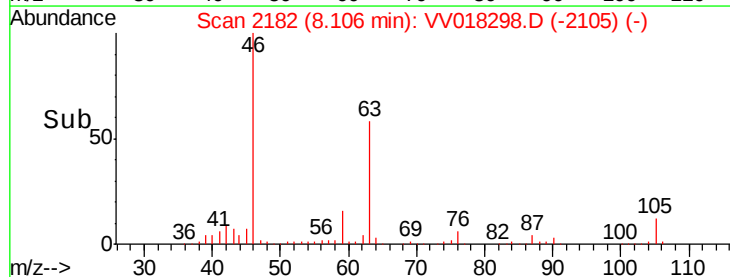
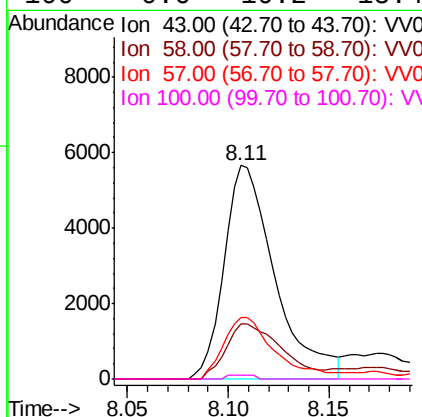
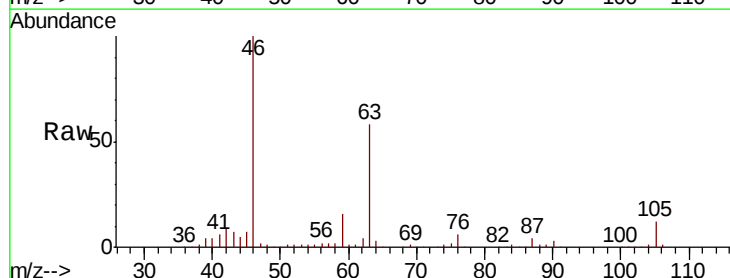
Tot Ion: 75 Resp: 2807
Ion Ratio Lower Upper
75 100
77 53.8 22.3 41.3#

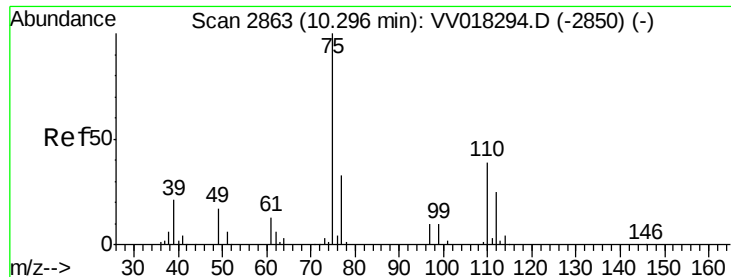


#48

2-Hexanone
Concen: 4.815 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV018298.D
Acq: 17 Sep 2020 22:53

Tgt Ion: 43 Resp: 9976
Ion Ratio Lower Upper
43 100
58 28.1 44.8 67.2#
57 28.8 15.8 23.6#
100 0.6 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.097 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV018298.D

Acq: 17 Sep 2020 22:53

Instrument :

MSVOA_V

ClientSampleId :

C0AF8

Tot Ion: 75 Resp: 15534

Ion Ratio Lower Upper

75 100

77 37.4 25.8 38.6

